1R - 234

REPORTS

DATE:

2003

ENERCON SERVICES, INC.
An Employee Owned Company

2775 Villa Creek, Suite 120
Dallas, TX 754234
(972) 484-2854
Fax: (972) 484-8835

February 14, 2003

Mr. Scott E. Burkey
Shell Oil Products US
HSE, S&E Mid-Continent Region
7750 N. MacArthur, Suite 120 PMB 319
Irving, Texas 75063

RE: 2002 ANNUAL GROUNDWATER MONITORING REPORT
JANUARY THROUGH DECEMBER 2002
DENTON STATION
LEA COUNTY, NEW MEXICO

Mr. Burkey:

This report details the groundwater monitoring activities at Denton Station from January 1, 2002 through December 31, 2002. The site is located northeast of Lovington, on US Highway 82, in Lea County, New Mexico. The purpose of the groundwater monitoring activities was to gauge monitor wells, recover product and collect groundwater samples in an effort to follow the extent and impact of subsurface hydrocarbon plumes apparently originating from a subsurface crude oil pipeline release.

SITE SAFETY

Before work was initiated each day, all personnel working at the site attended a tailgate safety meeting. During the meetings, the Site Health and Safety Officer discussed the safety and health concerns and procedures for the site as outlined in the Site Health and Safety Plan (HASP). All personnel signed the HASP at the close of each meeting to document their attendance. A copy of the HASP was maintained at the site during all working hours in an easily accessible area.

GROUNDWATER ASSESSMENT

Enercon has completed monitoring at the referenced facility for the period from January 1, 2002 through December 31, 2002. All monitor wells were gauged quarterly, wells exhibiting PSH were bailed, and samples were collected four times during the annual monitoring period.

Quarterly hand bailing and absorbent sock change-out have been utilized as the recovery techniques for all wells exhibiting PSH, except monitor wells MW-1, MW-3, and MW-7,

and water well WW-1, which were connected to a Ferret automated recovery system. A total of 516.25 gallons of PSH were recovered in the past year. To date, 1,085.08 gallons of PSH have been recovered manually (booms and bailing), and 4,630.58 gallons of PSH have been recovered by an automated recovery system for a total recovery of 5,715.66 gallons of PSH.

Phase-separated hydrocarbons were detected during each monitoring event in monitor wells MW-1, MW-3, MW-5 and in water well WW-1 and were detected periodically in monitor wells MW-4, MW-6, MW-7, and MW-10. Monitor well MW-7 consistently exhibited the greatest thickness of PSH with an average of 2.54 feet.

Depth to groundwater ranged across the site from 54.12 feet below top of casing (TOC) in monitor well MW-16 to 61.32 feet in monitor well MW-1. Groundwater table elevation fluctuated from a minimum of 0.28 feet during the year in MW-5 and MW-6 to a maximum of 0.95 feet in MW-1, with an average fluctuation of 0.41 feet across the site. Groundwater at the site was determined to flow to the southeast. Figures 2-5 of Attachment A illustrate the groundwater gradient based on the four quarterly gauging events for the year. Relative Groundwater Elevations, PSH Thickness, and Manual PSH Recovery Totals (Table 2) as well as Automated PSH Recovery Totals (Table 3) are located in Attachment B.

GROUNDWATER SAMPLING

On January 29, 2002 Enercon conducted the first quarterly groundwater monitoring event. Groundwater samples were collected from monitor wells MW-2, MW-6, MW-9, MW-11, MW-12, MW-13, MW-15, and MW-16 and analyzed for BTEX (EPA Method 8021B) and PAH (EPA Method 8270C). Laboratory analytical results indicated concentrations of 0.750 mg/l benzene from monitor well MW-2. Laboratory analytical results indicated concentrations of 0.716 mg/l benzene, 0.014 mg/l toluene, 0.109 mg/l ethylbenzene, and 0.119 mg/l xylenes from monitor well MW-6. Laboratory analytical results indicated concentrations of 0.0498 mg/l benzene from monitor well MW-11. All remaining groundwater samples analyzed resulted in BTEX concentrations below laboratory detectable limits. Laboratory analytical results indicated PAH concentrations below laboratory detectable limits for all monitor wells sampled.

On April 11, 2002, the second quarterly groundwater sampling event was performed. Groundwater samples were collected from monitor wells MW-2, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-15, and MW-16, and analyzed for BTEX (EPA Method 8021B). Laboratory analytical results indicated concentrations of 0.828 mg/l benzene from monitor well MW-2. Laboratory analytical results indicated concentrations of 0.731 mg/l benzene from monitor well MW-6. Laboratory analytical results indicated concentrations of 1.440 mg/l benzene, 0.139 mg/l ethylbenzene, and 0.064 mg/l xylenes from monitor well MW-10. Laboratory analytical results indicated concentrations of 0.102 mg/l benzene from monitor well MW-11. All other BTEX concentrations were below laboratory detectable limits.

On July 5, 2002, the third quarterly groundwater samples were collected from monitor wells MW-2, MW-6, MW-9, MW-11, MW-12, MW-13, MW-15, and MW-16, and analyzed for BTEX (EPA Method 8021B). Laboratory analytical results indicated concentrations of 0.549 mg/l benzene from monitor well MW-2. Laboratory analytical results indicated concentrations of 0.565 mg/l benzene and 0.0864 mg/l total xylenes from monitor well MW-6. All other BTEX concentrations were below laboratory detectable limits.

On October 7, 2002, the fourth quarterly groundwater samples were collected from monitor wells MW-2, MW-6, MW-9, MW-11, MW-12, MW-13, MW-15, and MW-16, and analyzed for BTEX (EPA Method 8021B). Laboratory analytical results indicated concentrations of 0.102 mg/l benzene from monitor well MW-2. Laboratory analytical results indicated concentrations of 0.434 mg/l benzene, 0.062 mg/l ethylbenzene, and 0.110 mg/l xylenes from monitor well MW-6. Laboratory analytical results indicated concentrations of 0.0204 mg/l benzene from monitor well MW-11. All remaining BTEX concentrations were below laboratory detectable limits.

All PAH concentrations were below laboratory detectable limits for all samples collected and analyzed for the year. During the course of the year, laboratory analytical results indicated concentrations of benzene ranging from 0.0204 mg/l in monitor well MW-11 to 1.440 mg/l in MW-10. Laboratory analytical results indicated toluene was detected only in monitor well MW-6 with a concentration of 0.014 mg/l. Laboratory analytical results indicated concentrations of ethylbenzene ranging from 0.062 mg/l in monitor well MW-6 to 0.139 in MW-10. Laboratory analytical results indicated concentrations of xylenes ranging from 0.064 mg/l in monitor well MW-10 to 0.119 in MW-6. Figures 6 through 9 in Attachment A illustrate the dissolved concentrations across the site based on the four quarterly sampling events for the year. In addition, laboratory analytical results are summarized in Table 2 of Attachment B of this report. Analytical data is located in Attachment C.

Enercon Services, Inc. appreciates the opportunity to provide you with our professional consulting services on this important project. If you have any questions or if we can be of further assistance, please do not hesitate to call.

Respectfully,
Enercon Services, Inc.

Jeffrey W. Kindley, P.G.
Senior Project Manager

ATTACHMENT A

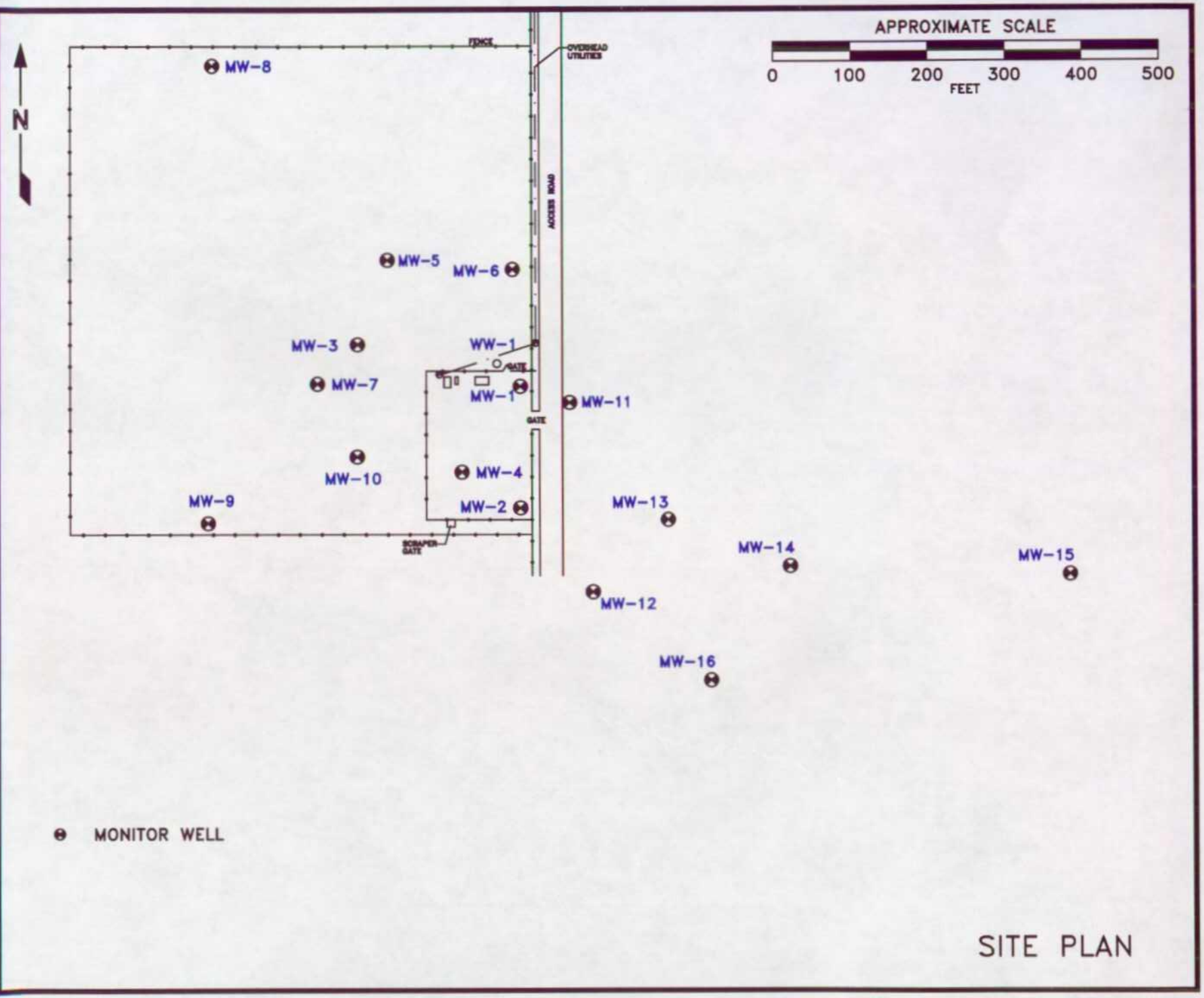
FIGURES

Site Map (Figure 1)
Groundwater Gradient Maps (Figures 2, 3, 4, and 5)
Hydrocarbon Concentration Maps (Figures 6, 7, 8, and 9)

SHELL PIPELINE CORPORATION

DENTON STATION

LEA COUNTY, NEW MEXICO



SITE PLAN

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

DATE: October, 2001

PROJECT NO.: EQ-101

FIGURE 1

SHELL PIPELINE CORPORATION

DENTON STATION

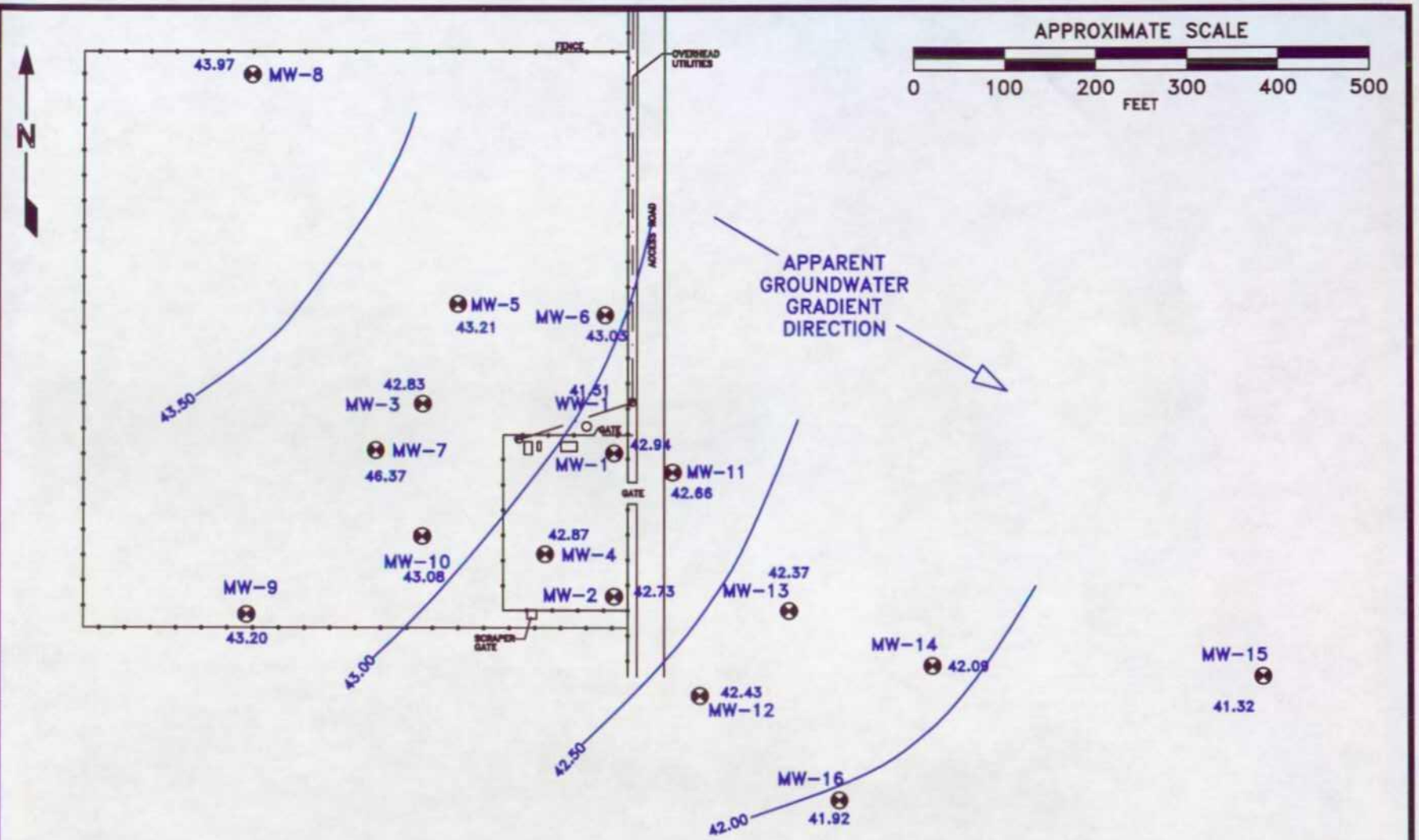
LEA COUNTY, NEW MEXICO

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

DATE: JAN, 2002

PROJECT NO.: EQ-101

FIGURE 2



MONITOR WELL

44.86 RELATIVE GROUNDWATER ELEVATION IN WELL

GROUNDWATER ELEVATION CONTOUR (CI = 0.50')

GROUNDWATER GRADIENT MAP

MW-1, MW-3, MW-7 AND WW-1 ARE PUMPING WELLS NOT UTILIZED FOR DETERMINING GROUNDWATER GRADIENT

SHELL PIPELINE CORPORATION

DENTON STATION

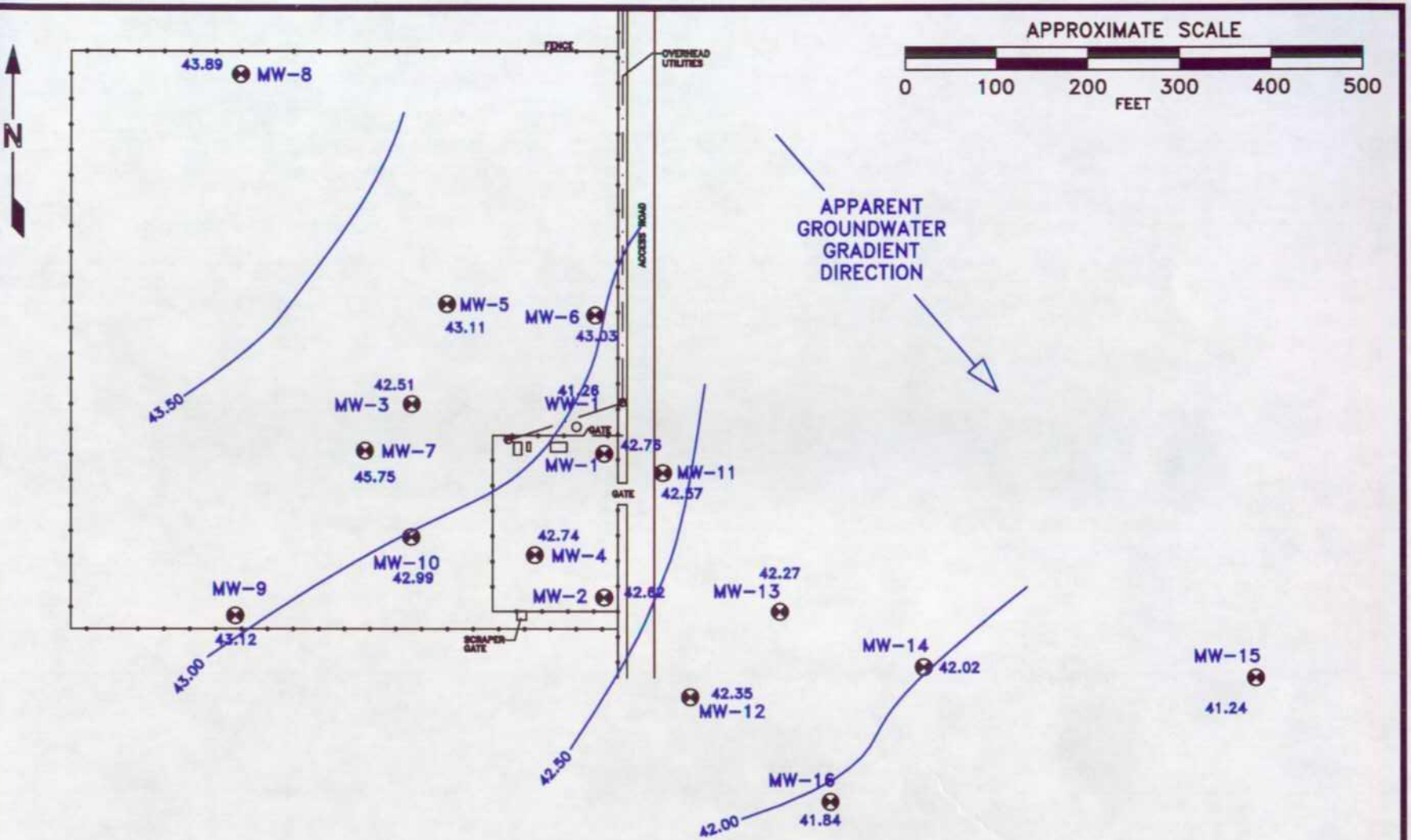
LEA COUNTY, NEW MEXICO

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

DATE: APRIL, 2002

PROJECT NO.: EQ-101

FIGURE 3



MONITOR WELL
44.86 RELATIVE GROUNDWATER ELEVATION IN WELL
GROUNDWATER ELEVATION CONTOUR (CI = 0.50')

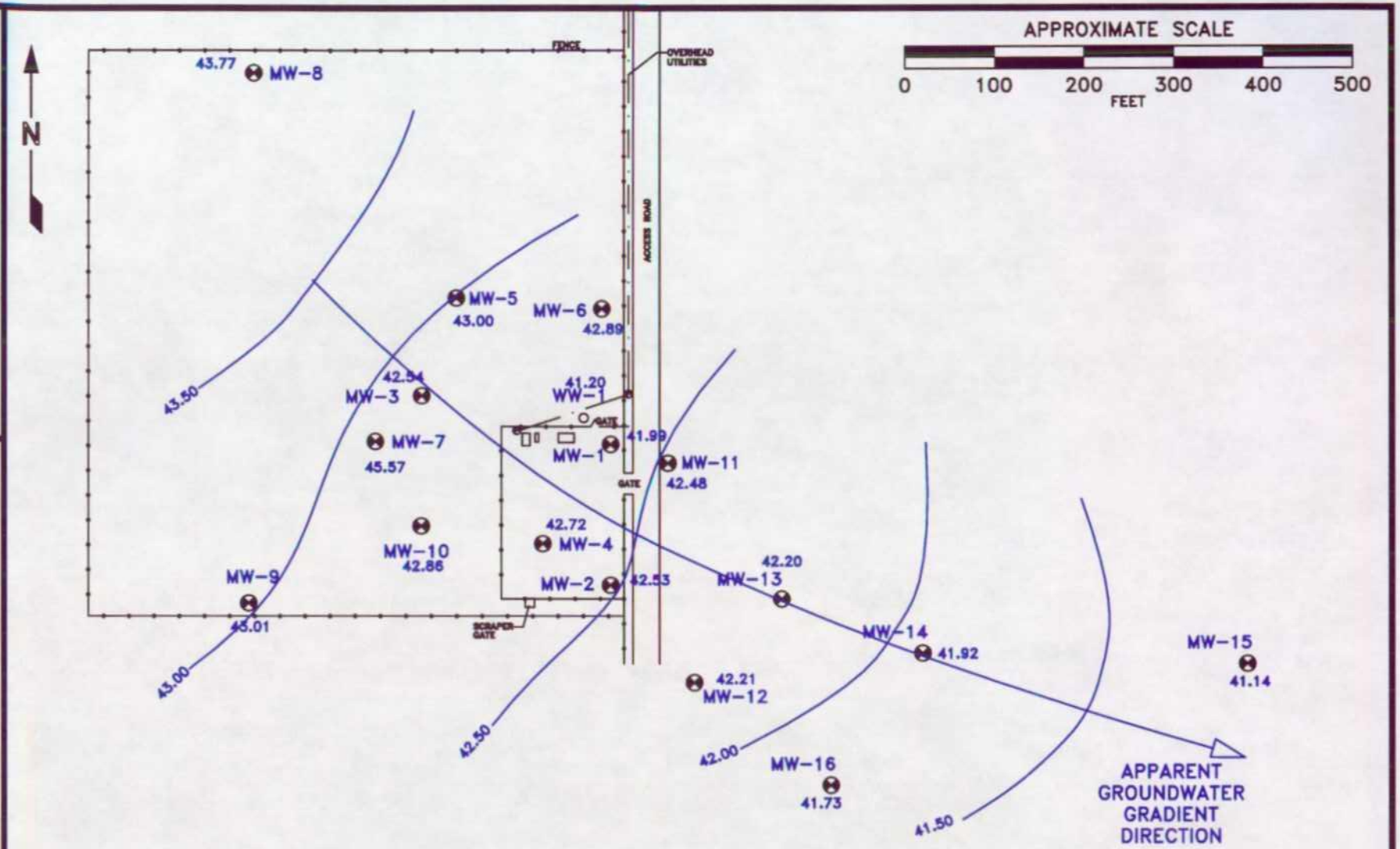
GROUNDWATER GRADIENT MAP

MW-1, MW-3, MW-7 AND WW-1 ARE PUMPING WELLS NOT UTILIZED FOR DETERMINING GROUNDWATER GRADIENT

SHELL PIPELINE CORPORATION

DENTON STATION

LEA COUNTY, NEW MEXICO



MONITOR WELL

44.86 RELATIVE GROUNDWATER ELEVATION IN WELL

GROUNDWATER ELEVATION CONTOUR (CI = 0.50')

GROUNDWATER GRADIENT MAP

MW-1, MW-3, MW-7 AND WW-1 ARE PUMPING WELLS NOT UTILIZED FOR DETERMINING GROUNDWATER GRADIENT

ENERCON SERVICES, INC.

2775 VILLA CREEK, SUITE 120

DALLAS, TEXAS 75234

972/484-3854

DATE: JUL, 2002

PROJECT NO.: EQ-101

FIGURE 4

SHELL PIPELINE CORPORATION

DENTON STATION

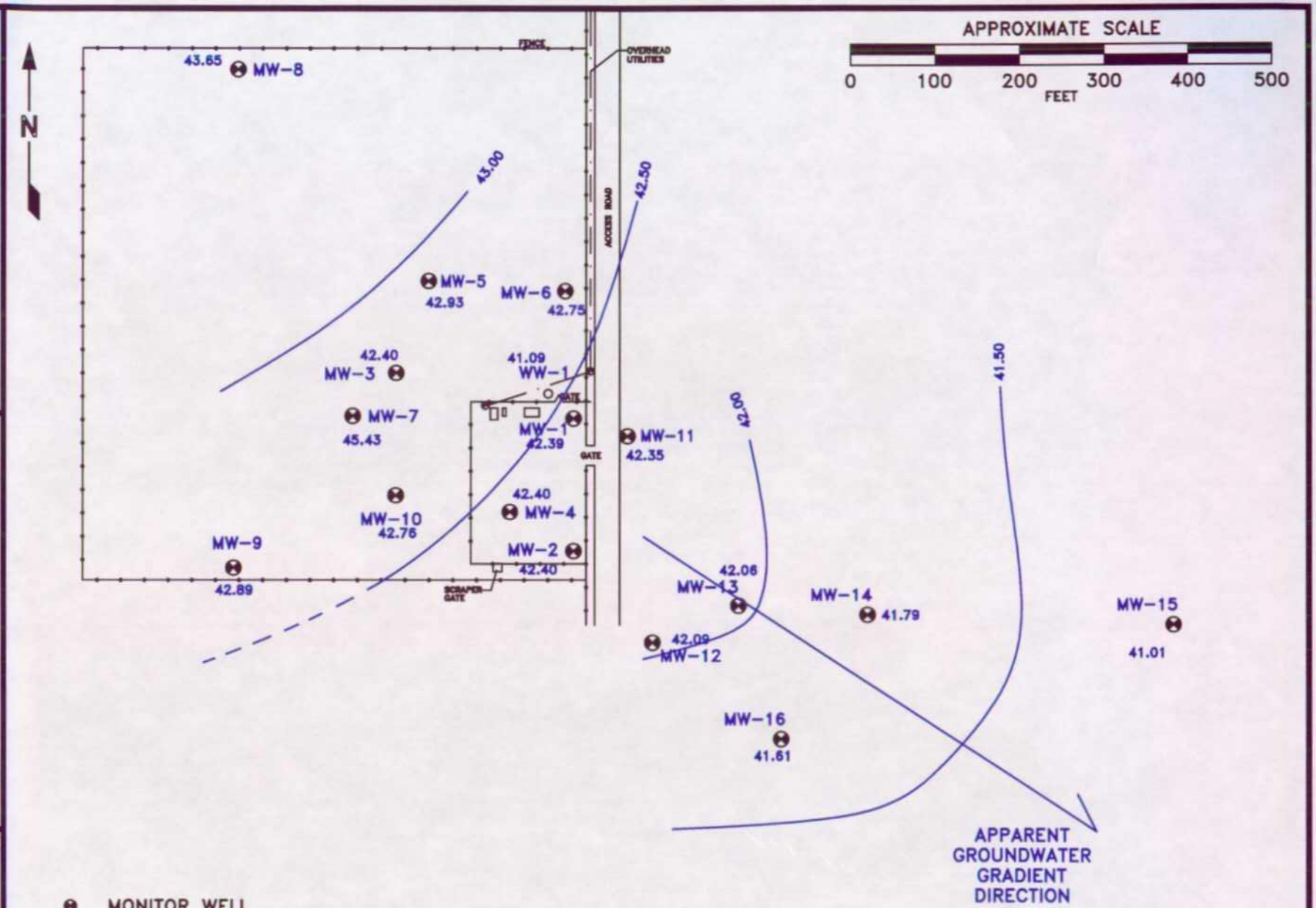
LEA COUNTY, NEW MEXICO

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

DATE: OCTOBER 7, 2002

PROJECT NO.: EQ-101

FIGURE 5



GROUNDWATER GRADIENT MAP

MW-1, MW-3, MW-7 AND WW-1 ARE PUMPING WELLS NOT UTILIZED FOR DETERMINING GROUNDWATER GRADIENT

SHELL PIPELINE CORPORATION

DENTON STATION

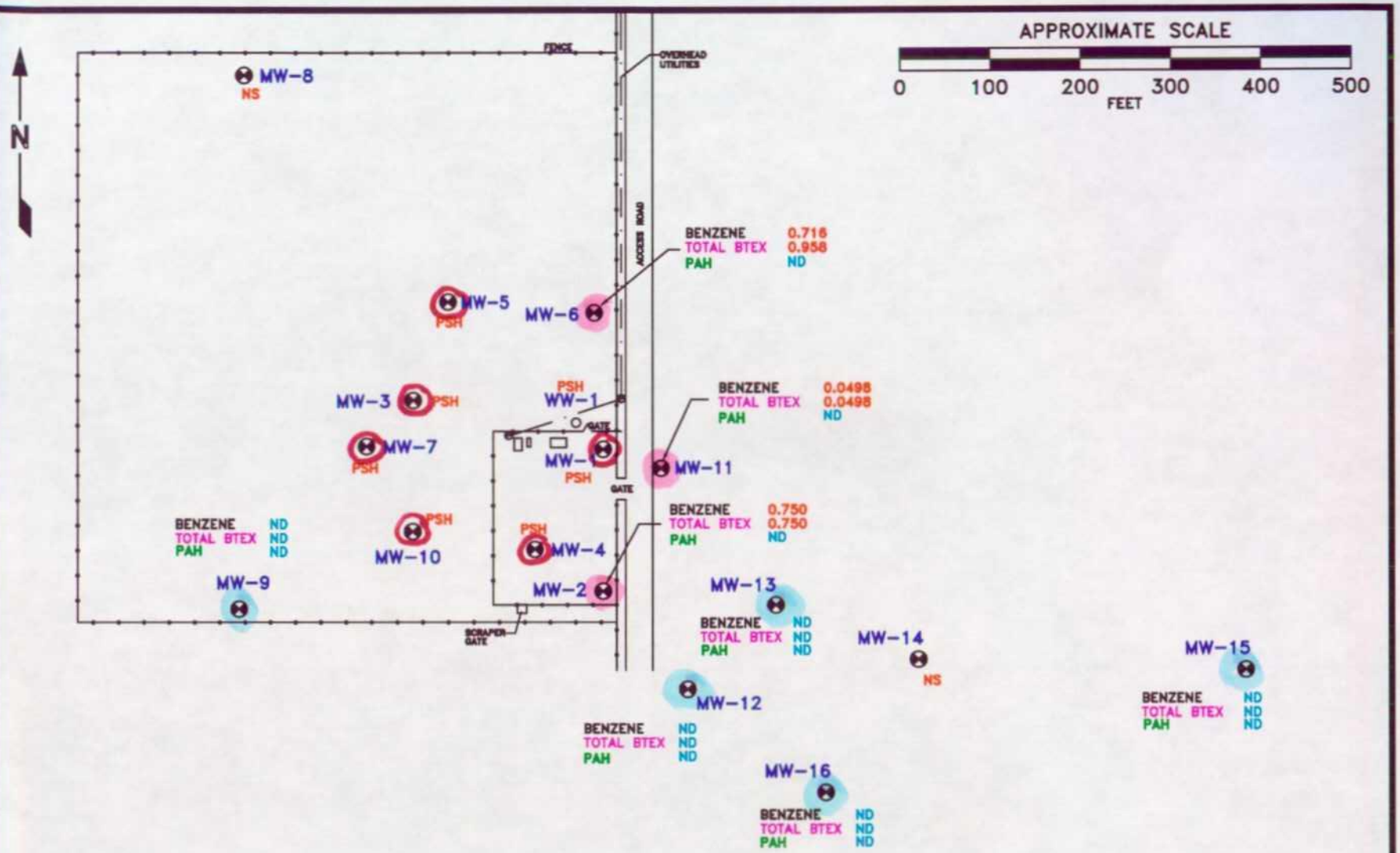
LEA COUNTY, NEW MEXICO

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

DATE: JAN, 2002

PROJECT NO.: EQ-101

FIGURE 6



MONITOR WELL

NS - NOT SAMPLED
ND - NOT DETECTED
PSH - PHASE SEPARATED HYDROCARBON

HYDROCARBON CONCENTRATION MAP

-CONCENTRATIONS LISTED IN mg/L (ppm)

SHELL PIPELINE CORPORATION

DENTON STATION

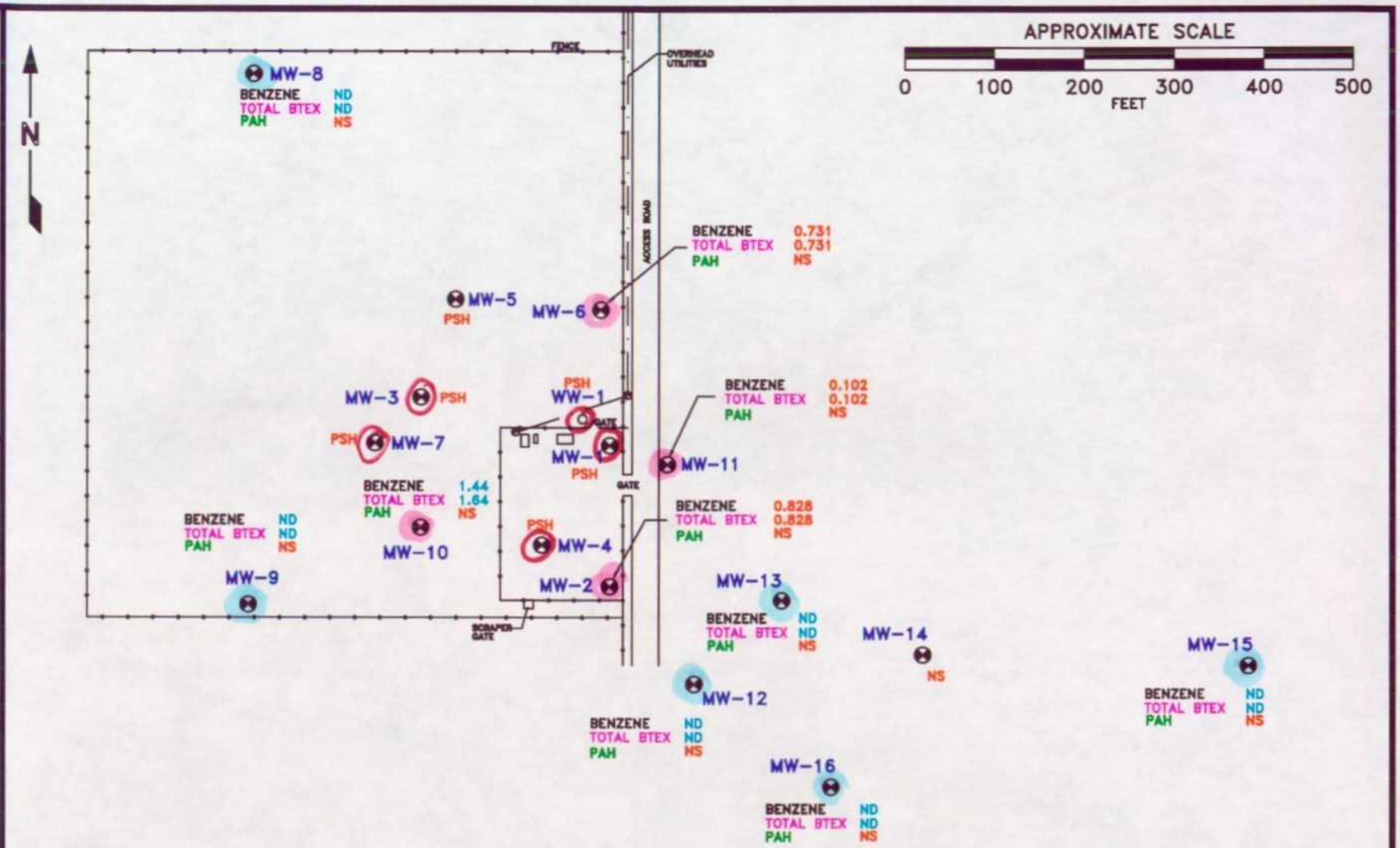
LEA COUNTY, NEW MEXICO

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

DATE: APRIL, 2002

PROJECT NO.: EQ-101

FIGURE 7



HYDROCARBON CONCENTRATION MAP

-CONCENTRATIONS LISTED IN mg/L (ppm)

SHELL PIPELINE CORPORATION

DENTON STATION

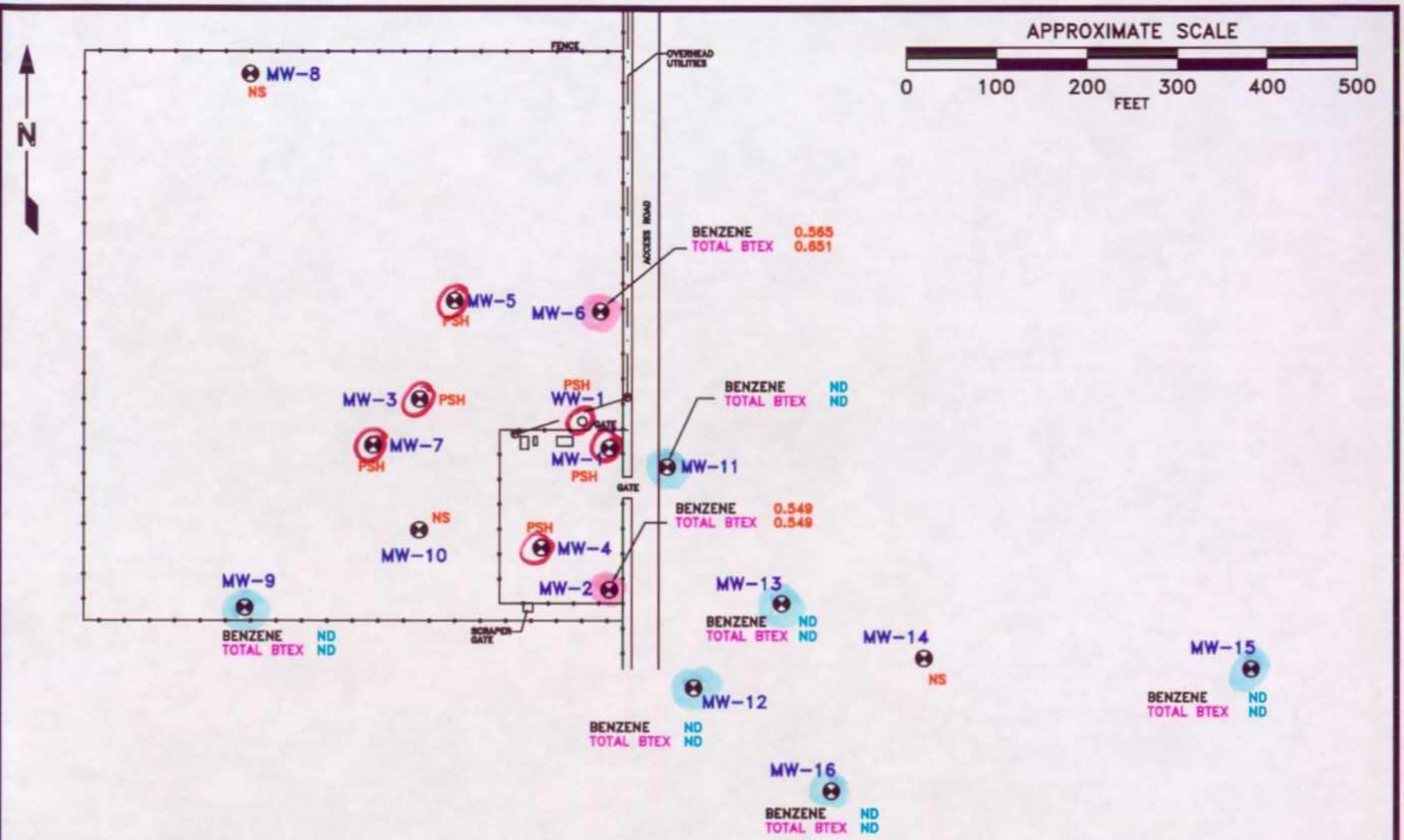
LEA COUNTY, NEW MEXICO

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

DATE: JULY, 2002

PROJECT NO.: EQ-101

FIGURE 8



MONITOR WELL

NS – NOT SAMPLED
ND – NOT DETECTED
PSH – PHASE SEPARATED HYDROCARBON

DISSOLVED BTEX CONCENTRATION MAP

–CONCENTRATIONS LISTED IN mg/L (ppm)

SHELL PIPELINE CORPORATION

DENTON STATION

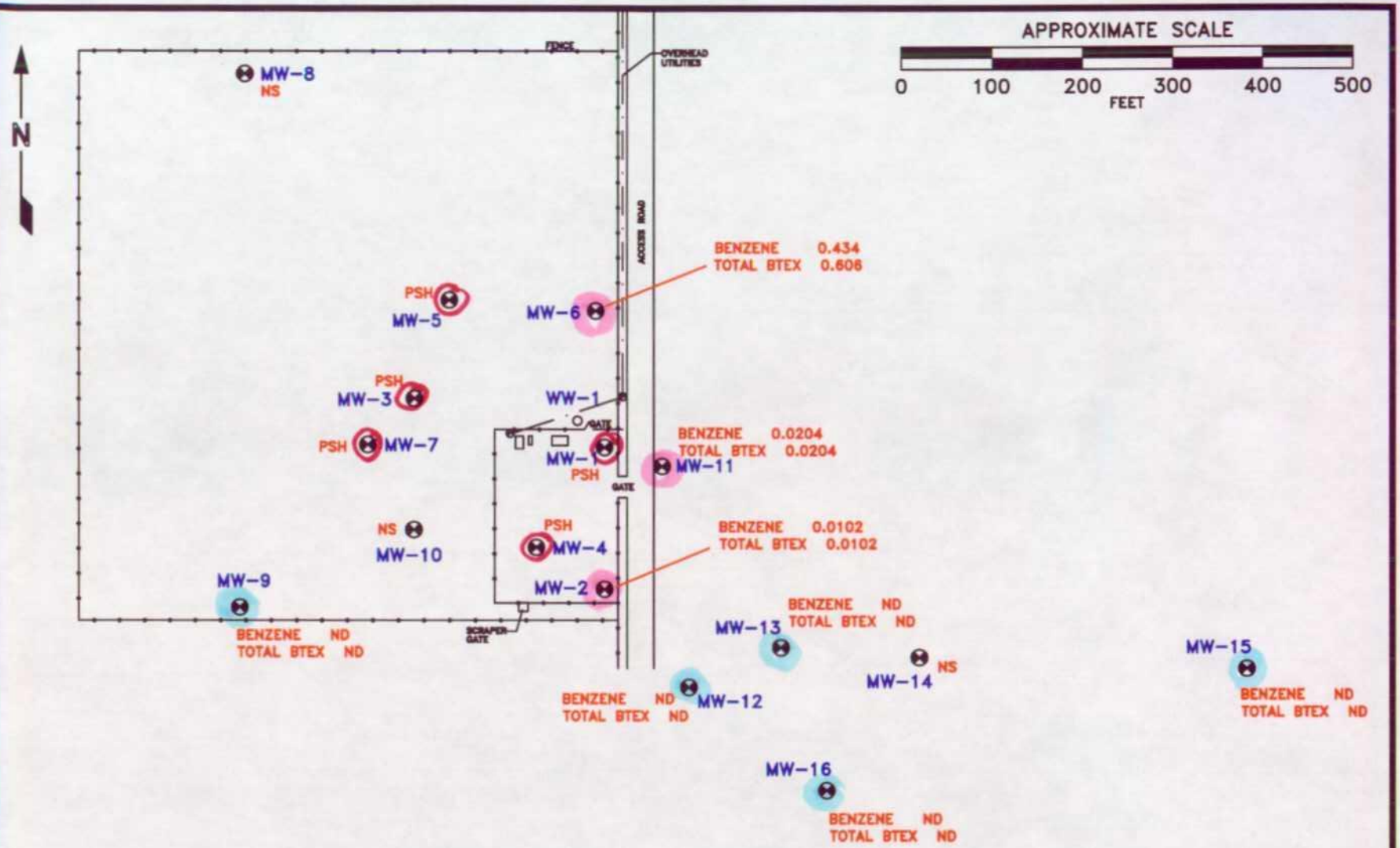
LEA COUNTY, NEW MEXICO

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

DATE: OCTOBER 7, 2002

PROJECT NO.: EQ-101

FIGURE 9



MONITOR WELL
ND – NON DETECT
PSH – PHASE SEPARATED HYDROCARBONS
NS – NOT SAMPLED
CONCENTRATIONS IN mg/L (PPM)

HYDROCARBON CONCENTRATION MAP

ATTACHMENT B

TABLES

Relative Groundwater Elevations, PSH Thickness, and Manual PSH Recovery Totals (Table1)
Dissolved Hydrocarbon Concentrations (Table 2)
Automated PSH Recovery Totals (Table 3)

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	12/23/96	99.53	101.96	56.10	57.62	45.71	1.52	1.50	27.25	Hand Bailed
	01/10/97	99.53	101.96	56.48	57.81	45.35	1.33	1.50	28.75	Hand Bailed
	02/13/97	99.53	101.96	54.96	56.21	46.88	1.25	1.00	29.75	Hand Bailed
	03/13/97	99.53	101.96	53.87	55.42	47.94	1.55	1.00	30.75	Absorbent Boom/Hand Bailed
	04/08/97	99.53	101.96	54.09	55.30	47.75	1.21	1.00	31.75	Hand Bailed
	05/07/97	99.53	101.96	56.77		45.12	0.67		31.75	
	06/18/97	99.53	101.96	55.61	56.18	46.29	0.57	1.00	32.75	Hand Bailed
	07/15/97	99.53	101.96	55.61		46.29	0.57		32.75	Not Bailed
	08/04/97	99.53	101.96	55.25	55.71	46.66	0.46	1.00	33.75	Hand Bailed
	09/01/97	99.53	101.96	54.94	55.32	46.98	0.38	0.50	34.25	Hand Bailed
	10/03/97	99.53	101.96	54.16	54.60	47.76	0.44	0.50	34.75	Hand Bailed
	11/08/97	99.53	101.96	54.18	54.49	47.75	0.31	0.50	35.25	Hand Bailed
	01/21/98	99.53	101.96	56.32	61.34	45.14	5.02	5.98	41.23	Hand Bailed/Boom
	02/17/98	99.53	101.96	59.43	62.03	42.27	2.60	3.98	45.21	Hand Bailed/Boom
	04/01/98	99.53	101.96	56.76	60.22	44.85	3.46	5.98	51.19	Hand Bailed/Boom
	05/04/98	99.53	101.96	56.79	60.50	44.80	3.71	5.98	57.17	Hand Bailed/Boom
	07/07/98	99.53	101.96	54.10	57.01	47.57	2.91	0.98	58.15	Absorption Boom
	10/01/98	99.53	101.96	56.85	61.11	44.68	4.26	3.98	62.13	Absorption Boom
	01/12/99	99.53	101.96	57.34	58.97	44.46	1.63	1.35	63.48	Absorption Boom
	04/14/99	99.53	101.96	57.80	58.25	44.12	0.45	0.50	63.98	Absorption Boom
	06/15/99	99.53	101.96	58.12	58.13	43.84	0.01		63.98	Ferret Automated recovery system
	07/09/99	99.53	101.96		58.29	43.67	0.00		63.98	
	08/10/99	99.53	101.96		58.30	43.66	0.00		63.98	
	09/18/99	99.53	101.96		58.31	43.65	0.00		63.98	
	10/30/99	99.53	101.96	58.45	58.58	43.50	0.13		63.98	
	11/28/99	99.53	101.96		58.42	43.54	0.00		63.98	
	12/28/99	99.53	101.96		58.29	43.67	0.00		63.98	
	01/12/00	99.53	101.96	58.45	58.47	43.51	0.02		63.98	
	02/07/00	99.53	101.96	58.64	58.66	43.32	0.02		63.98	
	03/31/00	99.53	101.96		58.64	43.32	0.00		63.98	
	04/26/00	99.53	101.96		58.66	43.30	0.00		63.98	

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
	05/31/00	99.53	101.96	58.43	60.10	43.36	1.67		63.98	
	06/30/00	99.53	101.96	58.77	58.79	43.19	0.02		63.98	
	07/13/00	99.53	101.96	58.82	58.83	43.14	0.01		63.98	
	08/31/00	99.53	101.96		58.98	42.98	0.00		63.98	
	09/22/00	99.53	101.96		58.49	43.47	0.00		63.98	
	10/04/00	99.53	101.96	58.83	58.84	43.13	0.01		63.98	
	01/04/01	99.53	101.96	58.70	59.29	43.20	0.59		63.98	
	04/26/01	99.53	101.96		59.44	42.52	0.00		63.98	
	07/11/01	99.53	101.96		59.63	42.33	0.00		63.98	
	10/03/01	99.53	101.96	59.11	62.30	42.53	3.19		63.98	Readjusted Pump
	01/29/02	99.53	101.96	58.92	59.94	42.94	1.02		63.98	Readjusted/Clean Pump
	04/11/02	99.53	101.96	58.97	61.30	42.76	2.33		63.98	Sanded up/ Cleaned pump
	07/05/02	99.53	101.96	59.82	61.32	41.99	1.50		63.98	Readjusted pump
	10/07/02	99.53	101.96	59.47	60.51	42.39	1.04		63.98	Hose reconnected to pump
MW-2	12/23/96	97.68	99.83	NG		NG	NG			
	01/10/97	97.68	99.83	NG		NG	NG			
	02/13/97	97.68	99.83	NG		NG	NG			
	03/13/97	97.68	99.83	NG		NG	NG			
	04/08/97	97.68	99.83		54.84	44.99	0.00			
	05/07/97	97.68	99.83	NG		NG	NG			
	06/18/97	97.68	99.83		53.71	46.12	0.00			
	07/15/97	97.68	99.83	NG		NG	NG			
	08/04/97	97.68	99.83	NG		NG	NG			
	09/01/97	97.68	99.83	NG		NG	NG			
	10/03/97	97.68	99.83	NG		NG	NG			
	11/08/97	97.68	99.83	NG		NG	NG			
	01/21/98	97.68	99.83		55.22	44.61	0.00			
	02/17/98	97.68	99.83	NG		NG	NG			
	04/01/98	97.68	99.83		55.22	44.61	0.00			
	05/04/98	97.68	99.83		55.28	44.55	0.00			
	07/07/98	97.68	99.83		55.39	44.44	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
	10/01/98	97.68	99.83		55.55	44.28	0.00			
	01/12/99	97.68	99.83		55.64	44.19	0.00			
	04/14/99	97.68	99.83		55.75	44.08	0.00			
	06/15/99	97.68	99.83		55.81	44.02	0.00			
	07/09/99	97.68	99.83		55.85	43.98	0.00			
	08/10/99	97.68	99.83		55.87	43.96	0.00			
	09/18/99	97.68	99.83		55.93	43.90	0.00			
	10/30/99	97.68	99.83		56.04	43.79	0.00			
	11/28/99	97.68	99.83		56.04	43.79	0.00			
	12/28/99	97.68	99.83		56.10	43.73	0.00			
	01/12/00	97.68	99.83		56.11	43.72	0.00			
	02/07/00	97.68	99.83		56.13	43.70	0.00			
	03/31/00	97.68	99.83		56.21	43.62	0.00			
	04/26/00	97.68	99.83		56.21	43.62	0.00			
	05/31/00	97.68	99.83		56.27	43.56	0.00			
	06/30/00	97.68	99.83		56.32	43.51	0.00			
	07/13/00	97.68	99.83		56.35	43.48	0.00			
	08/31/00	97.68	99.83		56.40	43.43	0.00			
	09/22/00	97.68	99.83		56.42	43.41	0.00			
	10/04/00	97.68	99.83		56.46	43.37	0.00			
	01/04/01	97.68	99.83		56.59	43.24	0.00			
	04/26/01	97.68	99.83		56.73	43.10	0.00			
	07/11/01	97.68	99.83		56.83	43.00	0.00			
	10/03/01	97.68	99.83		56.96	42.87	0.00			
	01/29/02	97.86	99.83		57.10	42.73	0.00			
	04/11/02	97.86	99.83		57.21	42.62	0.00			
	07/05/02	97.86	99.83		57.30	42.53	0.00			
	10/07/02	97.86	99.83		57.43	42.40	0.00			
MW-3	12/23/96	99.51	99.58	54.16	54.68	45.37	0.52		183.00	ORS automated recovery system
	01/10/97	99.51	99.58	53.65	55.57	45.74	1.92		183.00	
	02/13/97	99.51	99.58	53.75	55.18	45.69	1.43		183.00	

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
	03/13/97	99.51	99.58	53.51	54.37	45.98	0.86		183.00	
	04/08/97	99.51	99.58	53.50	54.25	46.01	0.75		183.00	
	05/07/97	99.51	99.58	55.06	57.62	44.26	2.56		183.00	
	06/18/97	99.51	99.58	54.18	55.02	45.32	0.84		183.00	
	07/15/97	99.51	99.58	54.11	54.92	45.39	0.81		183.00	
	08/04/97	99.51	99.58	54.18	54.88	45.33	0.70		183.00	
	09/01/97	99.51	99.58	53.76	54.61	45.74	0.85		183.00	
	10/03/97	99.51	99.58	53.67	54.32	45.85	0.65		183.00	
	11/08/97	99.51	99.58	53.46	54.22	46.04	0.76		183.00	
	01/21/98	99.51	99.58	54.75	55.25	44.78	0.50		183.00	
	02/17/98	99.51	99.58	53.45	58.83	45.59	5.38		183.00	
	04/01/98	99.51	99.58	53.59	59.17	45.43	5.58		183.00	
	05/04/98	99.51	99.58	54.45	55.92	44.98	1.47		183.00	
	07/07/98	99.51	99.58	55.00	55.71	44.51	0.71		183.00	
	10/01/98	99.51	99.58	53.10	53.59	46.43	0.49		183.00	
	01/12/99	99.51	99.58	54.34	59.56	44.72	5.22		183.00	
	04/14/99	99.51	99.58	55.30	56.40	44.17	1.10	2.50	185.50	
	06/15/99	99.51	99.58	55.34	55.67	44.21	0.33		185.50	
	07/09/99	99.51	99.58	54.96	55.55	44.56	0.59		185.50	
	08/10/99	99.51	99.58	55.51	55.52	44.07	0.01		185.50	
	09/18/99	99.51	99.58	55.59	55.83	43.97	0.24		185.50	
	10/30/99	99.51	99.58	55.76	55.87	43.81	0.11		185.50	
	11/28/99	99.51	99.58	55.78	56.24	43.75	0.46		185.50	
	12/28/99	99.51	99.58	55.54	56.30	43.96	0.76		185.50	
	01/12/00	99.51	99.58	55.22	57.40	44.14	2.18		185.50	
	02/07/00	99.51	99.58	55.81	55.94	43.76	0.13		185.50	
	03/31/00	99.51	99.58	55.57	55.88	43.98	0.31		185.50	
	04/26/00	99.51	99.58	55.77	55.87	43.80	0.10		185.50	
	05/31/00	99.51	99.58	55.90	56.93	43.58	1.03		185.50	
	06/30/00	99.51	99.58	56.23	56.51	43.32	0.28		185.50	
	07/13/00	99.51	99.58	55.93	57.20	43.52	1.27		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
	08/31/00	99.51	99.58	55.98	57.35	43.46	1.37		185.50	
	09/22/00	99.51	99.58	55.63	56.94	43.82	1.31		185.50	
	10/04/00	99.51	99.58		56.24	43.34	0.00		185.50	
	01/04/01	99.51	99.58	55.97	56.80	43.53	0.83		185.50	
	04/26/01	99.51	99.58	56.57	56.62	43.01	0.05		185.50	
	07/11/01	99.51	99.58		56.66	42.92	0.00		185.50	
	10/03/01	99.51	99.58	56.38	57.10	43.13	0.72		185.50	
	01/29/02	99.51	99.58	56.70	57.20	42.83	0.50		185.50	
	04/11/02	99.51	99.58	57.04	57.35	42.51	0.31		185.50	
	07/05/02	99.51	99.58	56.80	59.20	42.54	2.40		185.50	
	10/07/02	99.51	99.58	57.18	57.23	42.40	0.05		185.50	
MW-4	12/23/96	98.25	99.97	54.57	54.85	45.37	0.28	0.50	2.70	Hand Bailed
	01/10/97	98.25	99.97	55.59	55.70	44.37	0.11	0.50	3.20	Hand Bailed
	02/13/97	98.25	99.97	55.20	55.35	44.76	0.15	0.50	3.70	Hand Bailed
	03/13/97	98.25	99.97	54.41	54.64	45.54	0.23	0.50	4.20	Absorbent Boom/Hand Bailed
	04/08/97	98.25	99.97	53.94	54.41	45.98	0.47	0.50	4.70	Hand Bailed
	05/07/97	98.25	99.97	55.63	56.02	44.30	0.39		4.70	
	06/18/97	98.25	99.97	54.84	55.28	45.09	0.44	0.50	5.20	Hand Bailed
	07/15/97	98.25	99.97	54.56	55.07	45.36	0.51	0.00	5.20	Not Bailed
	08/04/97	98.25	99.97	55.05	55.26	44.90	0.21	0.50	5.70	Hand Bailed
	09/01/97	98.25	99.97	54.64	54.85	45.31	0.21	0.50	6.20	Hand Bailed
	10/03/97	98.25	99.97	54.36	54.58	45.59	0.22	0.50	6.70	Hand Bailed
	11/08/97	98.25	99.97	54.30	54.80	45.62	0.50	0.50	7.20	Hand Bailed
	01/21/98	98.25	99.97	54.85	57.20	44.89	2.35	2.98	10.18	Hand Bailed/Boom
	02/17/98	98.25	99.97	55.06	55.80	44.84	0.74	1.48	11.66	Hand Bailed/Boom
	04/01/98	98.25	99.97	55.17	55.73	44.74	0.56	3.98	15.64	Hand Bailed/Boom
	05/04/98	98.25	99.97	55.25	55.50	44.70	0.25	1.00	16.64	Hand Bailed/Boom
	07/07/98	98.25	99.97	55.30	55.75	44.63	0.45	0.98	17.62	Absorption Boom
	10/01/98	98.25	99.97	55.40	56.12	44.50	0.72	1.98	19.60	Absorption Boom
	01/12/99	98.25	99.97	55.49	56.21	44.41	0.72	1.50	21.10	Absorption Boom/Hand Bailed
	04/14/99	98.25	99.97	55.63	56.10	44.29	0.47	1.00	22.10	Absorption Boom/Hand Bailed

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
	06/15/99	98.25	99.97	55.78	56.62	44.11	0.84		22.10	
	07/09/99	98.25	99.97	55.78	56.78	44.09	1.00	2.00	24.10	Absorption Boom/Hand Bailed
	08/10/99	98.25	99.97	55.65	56.77	44.21	1.12	2.00	26.10	Absorption Boom/Hand Bailed
	09/18/99	98.25	99.97	55.85	56.26	44.08	0.41	0.25	26.35	Absorption Boom/Hand Bailed
	10/30/99	98.25	99.97	55.93	56.28	44.01	0.35		26.35	
	11/28/99	98.25	99.97	56.00	56.30	43.94	0.30	0.25	26.60	Absorption Boom/Hand Bailed
	12/28/99	98.25	99.97	56.02	56.22	43.93	0.20	0.25	26.85	Absorption Boom/Hand Bailed
	01/12/00	98.25	99.97	56.06	56.11	43.91	0.05	0.25	27.10	Absorption Boom/Hand Bailed
	02/07/00	98.25	99.97	56.11	56.20	43.85	0.09	0.25	27.35	Absorption Boom/Hand Bailed
	03/31/00	98.25	99.97	56.20	56.39	43.75	0.19	0.25	27.60	Absorption Boom/Hand Bailed
	04/26/00	98.25	99.97	56.18	56.33	43.78	0.15	0.25	27.85	Absorption Boom/Hand Bailed
	05/31/00	98.25	99.97		56.39	43.58	0.00	0.25	28.10	Absorption Boom/Hand Bailed
	06/30/00	98.25	99.97		56.42	43.55	0.00	0.25	28.35	Absorption Boom/Hand Bailed
	07/13/00	98.25	99.97		56.44	43.53	0.00	0.25	28.60	Absorption Boom/Hand Bailed
	08/31/00	98.25	99.97	56.40	56.41	43.57	0.01	0.25	28.85	Absorption Boom/Hand Bailed
	09/22/00	98.25	99.97		56.40	43.57	0.00	0.25	29.10	Absorption Boom/Hand Bailed
	10/04/00	98.25	99.97		56.46	43.51	0.00		29.10	Absorption Boom/Hand Bailed
	01/04/01	98.25	99.97		56.59	43.38	0.00	0.25	29.35	Absorption Boom
	04/26/01	98.25	99.97	56.66	57.00	43.28	0.34	0.25	29.60	Absorption Boom
	07/11/01	98.25	99.97	56.78	56.94	43.17	0.16	0.50	30.10	Absorption Boom
	10/03/01	98.25	99.97		56.95	43.02	0.00	0.50	30.60	Absorption Boom
	01/29/02	98.25	99.97	57.08	57.24	42.87	0.16	0.50	31.10	Absorption Boom
	04/11/02	98.25	99.97		57.23	42.74	0.00	1.00	32.10	Absorption Boom
	07/05/02	98.25	99.97	57.25	57.28	42.72	0.03	0.25	32.60	Absorption Boom
	10/07/02	98.25	99.97		57.57	42.40	0.00	0.50	33.10	Absorption Boom
MW-5	12/23/96	100.21	100.36	54.66	55.41	45.63	0.75		165.75	ORS Remediation System
	01/10/97	100.21	100.36	54.63	55.26	45.67	0.63		165.75	
	02/13/97	100.21	100.36	54.39	54.80	45.93	0.41		165.75	
	03/13/97	100.21	100.36	54.56	56.03	45.65	1.47		165.75	
	04/08/97	100.21	100.36	53.96	55.46	46.25	1.50		165.75	
	05/07/97	100.21	100.36	55.04	56.08	45.22	1.04		165.75	

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
	06/18/97	100.21	100.36	54.54	56.30	45.64	1.76		165.75	
	07/15/97	100.21	100.36	53.98	55.60	46.22	1.62		165.75	
	08/04/97	100.21	100.36	54.19	56.03	45.99	1.84		165.75	
	09/01/97	100.21	100.36	54.10	55.72	46.10	1.62		165.75	
	10/03/97	100.21	100.36	53.25	54.83	46.95	1.58		165.75	
	11/08/97	100.21	100.36	53.75	54.68	46.52	0.93		165.75	
	01/21/98	100.21	100.36	54.23	59.51	45.60	5.28		165.75	
	02/17/98	100.21	100.36	54.42	59.85	45.40	5.43		165.75	
	04/01/98	100.21	100.36	54.22	59.65	45.60	5.43		165.75	
	05/04/98	100.21	100.36	54.38	59.55	45.46	5.17		165.75	
	07/07/98	100.21	100.36	54.59	59.35	45.29	4.76		165.75	
	10/01/98	100.21	100.36	54.51	59.71	45.33	5.20		165.75	
	01/12/99	100.21	100.36	57.01	59.22	43.13	2.21		165.75	
	04/14/99	100.21	100.36	55.39	56.94	44.82	1.55	2.50	168.25	ORS system failed, Hand Bail
	06/15/99	100.21	100.36	55.92	56.34	44.40	0.42		168.25	Ferrett automated recovery system
	07/09/99	100.21	100.36	55.69	56.24	44.62	0.55		168.25	
	08/10/99	100.21	100.36	56.10	56.40	44.23	0.30		168.25	
	09/18/99	100.21	100.36	56.22	56.45	44.12	0.23		168.25	
	10/30/99	100.21	100.36	56.21	56.63	44.11	0.42		168.25	
	11/28/99	100.21	100.36	56.33	56.82	43.98	0.49		168.25	
	12/28/99	100.21	100.36	56.40	56.53	43.95	0.13		168.25	
	01/12/00	100.21	100.36	56.25	56.56	44.08	0.31		168.25	
	02/07/00	100.21	100.36	56.41	56.59	43.93	0.18		168.25	
	03/31/00	100.21	100.36	56.60	56.62	43.76	0.02		168.25	
	04/26/00	100.21	100.36	56.32	56.33	44.04	0.01		168.25	
	05/31/00	100.21	100.36		56.79	43.57	0.00		168.25	
	06/30/00	100.21	100.36		56.34	44.02	0.00		168.25	Ferrett disconnected/hose ruptured
	07/13/00	100.21	100.36	56.24	56.43	44.10	0.19	0.25	168.50	Absorbtion Boom
	08/31/00	100.21	100.36	56.40	56.72	43.93	0.32	0.25	168.75	Absorbtion Boom
	09/22/00	100.21	100.36	56.62	56.63	43.74	0.01	0.50	169.25	Absorbtion Boom
	10/04/00	100.21	100.36		56.55	43.81	0.00		169.25	Absorbtion 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
	01/04/01	100.21	100.36		56.90	43.46	0.00	1.50	170.75	Absorbtion Boom
	04/26/01	100.21	100.36	56.68	57.08	43.64	0.40	2.25	173.00	Absorbtion Boom
	07/11/01	100.21	100.36	56.85	57.32	43.46	0.47	0.75	173.75	Absorbtion Boom
	10/03/01	100.21	100.36	56.98	57.05	43.37	0.07	1.00	174.75	Absorbtion Boom
	01/29/02	100.21	100.36	57.10	57.56	43.21	0.46	1.00	175.75	Absorbtion Boom
	04/11/02	100.21	100.36	57.25	57.26	43.11	0.01	1.00	176.75	Absorbtion Boom
	07/05/02	100.21	100.36	57.35	57.45	43.00	0.10	0.25	177.25	Absorbtion Boom
	10/07/02	100.21	100.36	57.42	57.50	42.93	0.08	0.50	177.75	Absorbtion Boom
MW-6	12/23/96	99.81	101.86	NG	NG	NG	NG			
	01/10/97	99.81	101.86	NG	NG	NG	NG			
	02/13/97	99.81	101.86	NG	NG	NG	NG			
	03/13/97	99.81	101.86	NG	NG	NG	NG			
	04/08/97	99.81	101.86		56.42	45.44	0.00			
	05/07/97	99.81	101.86	NG	NG	NG	NG			
	06/18/97	99.81	101.86		54.14	47.72	0.00			
	07/15/97	99.81	101.86	NG	NG	NG	NG			
	08/04/97	99.81	101.86	NG	NG	NG	NG			
	09/01/97	99.81	101.86	NG	NG	NG	NG			
	10/03/97	99.81	101.86	NG	NG	NG	NG			
	11/08/97	99.81	101.86	NG	NG	NG	NG			
	01/21/98	99.81	101.86		55.81	46.05	0.00			
	02/17/98	99.81	101.86	NG	NG	NG	NG			
	04/01/98	99.81	101.86		56.89	44.97	0.00			
	05/04/98	99.81	101.86		56.90	44.96	0.00			
	07/07/98	99.81	101.86		56.99	44.87	0.00			
	10/01/98	99.81	101.86		57.10	44.76	0.00			
	01/12/99	99.81	101.86		57.24	44.62	0.00			
	04/14/99	99.81	101.86		57.34	44.52	0.00			
	06/15/99	99.81	101.86	NG	NG	NG	NG			
	07/09/99	99.81	101.86		57.44	44.42	0.00	0.25	0.25	Heavy sheen, Absorbent Boom
	08/10/99	99.81	101.86		57.50	44.36	0.00		0.25	Sheen

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
	09/18/99	99.81	101.86		57.55	44.31	0.00	0.25	0.50	Absorbent Boom
	10/30/99	99.81	101.86		57.61	44.25	0.00		0.50	Absorbent Boom
	11/28/99	99.81	101.86		57.65	44.21	0.00		0.50	Absorbent Boom
	12/28/99	99.81	101.86		57.71	44.15	0.00	0.25	0.75	Absorbent Boom
	01/12/00	99.81	101.86		57.73	44.13	0.00		0.75	Absorbent Boom
	02/07/00	99.81	101.86		57.75	44.11	0.00		0.75	Absorbent Boom
	03/31/00	99.81	101.86		57.75	44.11	0.00		0.75	Absorbent Boom
	04/26/00	99.81	101.86	57.83	57.84	44.03	0.01	0.25	1.00	Absorbent Boom
	05/31/00	99.81	101.86		57.95	43.91	0.00		1.00	Absorbent Boom
	06/30/00	99.81	101.86		57.97	43.89	0.00		1.00	Absorbent Boom
	07/13/00	99.81	101.86		57.99	43.87	0.00		1.00	Absorbent Boom
	08/31/00	99.81	101.86		58.04	43.82	0.00	0.25	1.25	Absorbent Boom
	09/22/00	99.81	101.86	58.05	58.06	43.81	0.01		1.25	Absorbent Boom
	10/04/00	99.81	101.86		58.11	43.75	0.00	0.25	1.50	Absorbent Boom
	01/04/01	99.81	101.86		58.20	43.66	0.00	0.25	1.75	Absorbent Boom
	04/26/01	99.81	101.86		58.36	43.50	0.00		1.75	Absorbent Boom
	07/11/01	99.81	101.86	58.40	58.58	43.44	0.18	0.25	2.00	Absorbent Boom
	10/03/01	99.81	101.86		58.61	43.25	0.00	0.50	2.50	Absorbent Boom
	01/29/02	99.81	101.86		58.83	43.03	0.00	0.50	3.00	Absorbent Boom
	04/11/02	99.81	101.86		58.83	43.03	0.00	0.25	3.25	Absorbent Boom
	07/05/02	99.81	101.86		58.97	42.89	0.00	0.00	3.25	Absorbent Boom
	10/07/02	99.81	101.86		59.11	42.75	0.00	0.00	3.25	Absorbent Boom
MW-7	12/23/96	99.24	101.92	53.41	58.03	48.05	4.62		176.25	ORS Remediation system
	01/10/97	99.24	101.92	53.17	56.33	48.43	3.16		176.25	
	02/13/97	99.24	101.92	54.22	55.67	47.56	1.45		176.25	
	03/13/97	99.24	101.92	53.59	54.84	48.21	1.25		176.25	
	04/08/97	99.24	101.92	53.65	54.58	48.18	0.93		176.25	
	05/07/97	99.24	101.92	55.16	57.33	46.54	2.17		176.25	
	06/18/97	99.24	101.92	52.41	55.27	49.22	2.86		176.25	
	07/15/97	99.24	101.92	52.71	55.47	48.93	2.76		176.25	
	08/04/97	99.24	101.92	52.67	55.33	48.98	2.66		176.25	

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
	09/01/97	99.24	101.92	52.81	55.21	48.87	2.40		176.25	
	10/03/97	99.24	101.92	52.53	54.80	49.16	2.27		176.25	
	11/08/97	99.24	101.92	52.67	54.27	49.09	1.60		176.25	
	01/21/98	99.24	101.92	53.15	59.45	48.14	6.30		176.25	
	02/17/98	99.24	101.92	52.59	59.99	48.59	7.40		176.25	
	04/01/98	99.24	101.92	52.92	59.88	48.30	6.96		176.25	
	05/04/98	99.24	101.92	54.12	55.51	47.66	1.39		176.25	
	07/07/98	99.24	101.92	54.18	55.45	47.61	1.27		176.25	
	10/01/98	99.24	101.92	54.50	55.52	47.32	1.02		176.25	
	01/12/99	99.24	101.92	53.62	59.62	47.70	6.00		176.25	
	04/14/99	99.24	101.92	53.33	60.70	47.85	7.37	10.00	186.25	ORS system failed, Hand Bail
	06/15/99	99.24	101.92	54.40	57.20	47.24	2.80		186.25	Ferrett automated recovery system
	07/09/99	99.24	101.92	54.32	56.63	47.37	2.31		186.25	
	08/10/99	99.24	101.92		55.05	46.87	0.00		186.25	
	09/18/99	99.24	101.92		55.16	46.76	0.00		186.25	
	10/30/99	99.24	101.92	55.05	55.06	46.87	0.01		186.25	
	11/28/99	99.24	101.92		55.10	46.82	0.00		186.25	
	12/28/99	99.24	101.92	54.98	56.09	46.83	1.11		186.25	
	01/12/00	99.24	101.92	54.52	58.05	47.05	3.53		186.25	
	02/07/00	99.24	101.92	55.00	56.97	46.72	1.97		186.25	
	03/31/00	99.24	101.92	54.63	57.05	47.05	2.42		186.25	Pump repaired and replaced
	04/26/00	99.24	101.92		54.25	47.67	0.00		186.25	
	05/31/00	99.24	101.92	54.22	60.50	47.07	6.28		186.25	Regulator quit/Will replace with new one
	06/30/00	99.24	101.92	55.36	55.71	46.53	0.35		186.25	Switched pump from MW-5 to MW-7
	07/13/00	99.24	101.92	55.52	55.57	46.40	0.05		186.25	
	08/31/00	99.24	101.92	55.62	55.93	46.27	0.31		186.25	
	09/22/00	99.24	101.92	55.55	55.85	46.34	0.30		186.25	
	10/04/00	99.24	101.92	55.52	55.60	46.39	0.08		186.25	
	01/04/01	99.24	101.92	55.90	56.61	45.95	0.71		186.25	
	04/26/01	99.24	101.92		55.93	45.99	0.00		186.25	
	07/11/01	99.24	101.92		56.05	45.87	0.00		186.25	

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
	10/03/01	99.24	101.92	55.40	59.31	46.13	3.91		186.25	Readjusted pump
	01/29/02	99.24	101.92	55.00	60.50	46.37	5.50		186.25	Clean pump/C100 unit and blowout lines
	04/11/02	99.24	101.92	55.95	58.20	45.75	2.25		186.25	Readjusted pump
	07/05/02	99.24	101.92		56.35	45.57	0.00		186.25	
	10/07/02	99.24	101.92	56.25	58.65	45.43	2.40		186.25	Clean pump
MW-8	12/23/96	99.24	101.92	NG	NG	NG	NG			
	01/10/97	99.24	101.92	NG	NG	NG	NG			
	02/13/97	99.24	101.92	NG	NG	NG	NG			
	03/13/97	99.24	101.92	NG	NG	NG	NG			
	04/08/97	99.24	101.92		55.70	46.22	0.00			
	05/07/97	99.24	101.92	NG	NG	NG	NG			
	06/18/97	99.24	101.92	NG	NG	NG	NG			
	07/15/97	99.24	101.92		55.82	46.10	0.00			
	08/04/97	99.24	101.92	NG	NG	NG	NG			
	09/01/97	99.24	101.92	NG	NG	NG	NG			
	10/03/97	99.24	101.92		55.21	46.71	0.00			
	11/08/97	99.24	101.92	NG	NG	NG	NG			
	01/21/98	99.24	101.92		56.05	45.87	0.00			
	02/17/98	99.24	101.92	NG	NG	NG	NG			
	04/01/98	99.24	101.92		56.12	45.80	0.00			
	05/04/98	99.24	101.92		56.15	45.77	0.00			
	07/07/98	99.24	101.92		56.24	45.68	0.00			
	10/01/98	99.24	101.92		55.35	46.57	0.00			
	01/12/99	99.24	101.92		56.50	45.42	0.00			
	04/14/99	99.24	101.92		56.60	45.32	0.00			
	07/09/99	99.24	101.92		56.69	45.23	0.00			
	08/10/99	99.24	101.92		56.74	45.18	0.00			
	09/18/99	99.24	101.92		56.80	45.12	0.00			
	10/30/99	99.24	101.92		56.85	45.07	0.00			
	11/28/99	99.24	101.92		56.90	45.02	0.00			
	12/28/99	99.24	101.92		56.93	44.99	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
	01/12/00	99.24	101.92		56.94	44.98	0.00			
	02/07/00	99.24	101.92		56.99	44.93	0.00			
	03/31/00	99.24	101.92		57.06	44.86	0.00			
	04/26/00	99.24	101.92		57.08	44.84	0.00			
	05/31/00	99.24	101.92		57.15	44.77	0.00			
	06/30/00	99.24	101.92		57.17	44.75	0.00			
	07/13/00	99.24	101.92		57.20	44.72	0.00			
	08/31/00	99.24	101.92		57.27	44.65	0.00			
	09/22/00	99.24	101.92		57.29	44.63	0.00			
	10/04/00	99.24	101.92		57.31	44.61	0.00			
	01/04/01	99.24	101.92		57.42	44.50	0.00			
	04/26/01	99.24	101.92		57.60	44.32	0.00			
	07/11/01	99.24	101.92		57.67	44.25	0.00			
	10/03/01	99.24	101.92		57.79	44.13	0.00			
	01/29/02	99.24	101.92		57.95	43.97	0.00			
	04/11/02	99.24	101.92		58.03	43.89	0.00			
	07/05/02	99.24	101.92		58.15	43.77	0.00			
	10/07/02	99.24	101.92		58.27	43.65	0.00			
MW-9	12/23/96	98.16	100.22	NG	NG	NG	NG			
	01/10/97	98.16	100.22	NG	NG	NG	NG			
	02/13/97	98.16	100.22	NG	NG	NG	NG			
	03/13/97	98.16	100.22	NG	NG	NG	NG			
	04/08/97	98.16	100.22		54.78	45.44	0.00			
	05/07/97	98.16	100.22	NG	NG	NG	NG			
	06/18/97	98.16	100.22	NG	NG	NG	NG			
	07/15/97	98.16	100.22		55.07	45.15	0.00			
	08/04/97	98.16	100.22	NG	NG	NG	NG			
	09/01/97	98.16	100.22	NG	NG	NG	NG			
	10/03/97	98.16	100.22		54.66	45.56	0.00			
	11/08/97	98.16	100.22	NG	NG	NG	NG			
	01/21/98	98.16	100.22		55.17	45.05	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
	02/17/98	98.16	100.22	NG	NG	NG	NG			
	04/01/98	98.16	100.22		55.24	44.98	0.00			
	05/04/98	98.16	100.22		55.27	44.95	0.00			
	07/07/98	98.16	100.22		52.35	47.87	0.00			
	10/01/98	98.16	100.22		55.48	44.74	0.00			
	01/12/99	98.16	100.22		55.58	44.64	0.00			
	04/14/99	98.16	100.22		55.69	44.53	0.00			
	07/09/99	98.16	100.22		55.79	44.43	0.00			
	08/10/99	98.16	100.22		54.01	46.21	0.00			
	09/18/99	98.16	100.22		55.87	44.35	0.00			
	10/30/99	98.16	100.22		55.95	44.27	0.00			
	11/28/99	98.16	100.22		55.97	44.25	0.00			
	12/28/99	98.16	100.22		56.01	44.21	0.00			
	01/12/00	98.16	100.22		56.02	44.20	0.00			
	02/07/00	98.16	100.22		56.07	44.15	0.00			
	03/31/00	98.16	100.22		56.13	44.09	0.00			
	04/26/00	98.16	100.22		56.14	44.08	0.00			
	05/31/00	98.16	100.22		56.23	43.99	0.00			
	06/30/00	98.16	100.22		56.25	43.97	0.00			
	07/13/00	98.16	100.22		56.27	43.95	0.00			
	08/31/00	98.16	100.22		56.35	43.87	0.00			
	09/22/00	98.16	100.22		56.39	43.83	0.00			
	10/04/00	98.16	100.22		56.38	43.84	0.00			
	01/04/01	98.16	100.22		56.50	43.72	0.00			
	04/26/01	98.16	100.22		56.64	43.58	0.00			
	07/11/01	98.16	100.22		56.75	43.47	0.00			
	10/03/01	98.16	100.22		56.84	43.38	0.00			
	01/29/02	98.16	100.22		57.02	43.20	0.00			
	04/11/02	98.16	100.22		57.10	43.12	0.00			
	07/05/02	98.16	100.22		57.21	43.01	0.00			
	10/07/02	98.16	100.22		57.33	42.89	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	12/23/96	98.20	98.28	NG	NG	NG	NG			
	01/10/97	98.20	98.28	NG	NG	NG	NG			
	02/13/97	98.20	98.28	NG	NG	NG	NG			
	03/13/97	98.20	98.28	NG	NG	NG	NG			
	04/08/97	98.20	98.28		52.92	45.36	0.00			
	05/07/97	98.20	98.28	NG	NG	NG	NG			
	06/18/97	98.20	98.28	NG	NG	NG	NG			
	07/15/97	98.20	98.28		54.16	44.12	0.00			
	08/04/97	98.20	98.28	NG	NG	NG	NG			
	09/01/97	98.20	98.28	NG	NG	NG	NG			
	10/03/97	98.20	98.28		54.03	44.25	0.00			
	11/08/97	98.20	98.28	NG	NG	NG	NG			
	01/21/98	98.20	98.28		53.32	44.96	0.00			
	02/17/98	98.20	98.28	NG	NG	NG	NG			
	04/01/98	98.20	98.28		53.40	44.88	0.00			
	05/04/98	98.20	98.28		53.42	44.86	0.00			
	07/07/98	98.20	98.28		52.51	45.77	0.00			
	10/01/98	98.20	98.28		53.64	44.64	0.00			
	01/12/99	98.20	98.28		53.75	44.53	0.00			
	04/14/99	98.20	98.28		53.92	44.36	0.00			
	07/09/99	98.20	98.28		53.98	44.30	0.00			
	08/10/99	98.20	98.28		54.01	44.27	0.00			
	09/18/99	98.20	98.28		54.06	44.22	0.00			
	10/30/99	98.20	98.28		54.13	44.15	0.00			
	11/28/99	98.20	98.28		54.16	44.12	0.00			
	12/28/99	98.20	98.28		54.22	44.06	0.00			
	01/12/00	98.20	98.28		54.22	44.06	0.00			
	02/07/00	98.20	98.28		54.26	44.02	0.00			
	03/31/00	98.20	98.28		54.33	43.95	0.00			
	04/26/00	98.20	98.28		54.34	43.94	0.00			
	05/31/00	98.20	98.28		54.41	43.87	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
	06/30/00	98.20	98.28		54.43	43.85	0.00			
	07/13/00	98.20	98.28		54.49	43.79	0.00			
	08/31/00	98.20	98.28		54.54	43.74	0.00			
	09/22/00	98.20	98.28		54.59	43.69	0.00			
	10/04/00	98.20	98.28		54.57	43.71	0.00			
	01/04/01	98.20	98.28		54.70	43.58	0.00			
	04/26/01	98.20	98.28		54.85	43.43	0.00			
	07/11/01	98.20	98.28	54.93	54.95	43.35	0.02			
	10/03/01	98.20	98.28	55.03	55.05	43.25	0.02			
	01/29/02	98.20	98.28	55.20	55.21	43.08	0.01			
	04/11/02	98.20	98.28		55.29	42.99	0.00			
	07/05/02	98.20	98.28		55.42	42.86	0.00			
	10/07/02	98.20	98.28	55.52	55.53	42.76	0.01			
MW-11	12/23/96	99.38	99.45	NG	NG	NG	NG			
	01/10/97	99.38	99.45	NG	NG	NG	NG			
	02/13/97	99.38	99.45	NG	NG	NG	NG			
	03/13/97	99.38	99.45	NG	NG	NG	NG			
	04/08/97	99.38	99.45		54.18	45.27	0.00			
	05/07/97	99.38	99.45	NG	NG	NG	NG			
	06/18/97	99.38	99.45		53.55	45.90	0.00			
	07/15/97	99.38	99.45	NG	NG	NG	NG			
	08/04/97	99.38	99.45	NG	NG	NG	NG			
	09/01/97	99.38	99.45	NG	NG	NG	NG			
	10/03/97	99.38	99.45	NG	NG	NG	NG			
	11/08/97	99.38	99.45	NG	NG	NG	NG			
	01/21/98	99.38	99.45		54.89	44.56	0.00			
	02/17/98	99.38	99.45	NG	NG	NG	NG			
	04/01/98	99.38	99.45		54.94	44.51	0.00			
	05/04/98	99.38	99.45		54.98	44.47	0.00			
	07/07/98	99.38	99.45		55.06	44.39	0.00			
	10/01/98	99.38	99.45		55.15	44.30	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
	01/12/99	99.38	99.45		55.32	44.13	0.00			
	04/14/99	99.38	99.45		55.42	44.03	0.00			
	07/09/99	99.38	99.45		55.53	43.92	0.00			
	08/10/99	99.38	99.45		55.57	43.88	0.00			
	09/18/99	99.38	99.45		55.61	43.84	0.00			
	10/30/99	99.38	99.45		55.69	43.76	0.00			
	11/28/99	99.38	99.45		55.70	43.75	0.00			
	12/28/99	99.38	99.45		55.78	43.67	0.00			
	01/12/00	99.38	99.45		55.77	43.68	0.00			
	02/07/00	99.38	99.45		55.81	43.64	0.00			
	03/31/00	99.38	99.45		55.87	43.58	0.00			
	04/26/00	99.38	99.45		55.90	43.55	0.00			
	05/31/00	99.38	99.45		55.98	43.47	0.00			
	06/30/00	99.38	99.45		56.00	43.45	0.00			
	07/13/00	99.38	99.45		56.02	43.43	0.00			
	08/31/00	99.38	99.45		56.09	43.36	0.00			
	09/22/00	99.38	99.45		56.12	43.33	0.00			
	10/04/00	99.38	99.45		56.13	43.32	0.00			
	01/04/01	99.38	99.45		56.23	43.22	0.00			
	04/26/01	99.38	99.45		56.40	43.05	0.00			
	07/11/01	99.38	99.45		56.50	42.95	0.00			
	10/03/01	99.38	99.45		56.61	42.84	0.00			
	01/29/02	99.38	99.45		56.79	42.66	0.00			
	04/11/02	99.38	99.45		56.88	42.57	0.00			
	07/05/02	99.38	99.45		56.97	42.48	0.00			
	10/07/02	99.38	99.45		57.10	42.35	0.00			
MW-12	12/23/96	96.96	96.84	NG	NG	NG	NG			
	01/10/97	96.96	96.84	NG	NG	NG	NG			
	02/13/97	96.96	96.84	NG	NG	NG	NG			
	03/13/97	96.96	96.84	NG	NG	NG	NG			
	04/08/97	96.96	96.84		52.22	44.62	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
	05/07/97	96.96	96.84	NG	NG	NG	NG			
	06/18/97	96.96	96.84	NG	NG	NG	NG			
	07/15/97	96.96	96.84		52.77	44.07	0.00			
	08/04/97	96.96	96.84	NG	NG	NG	NG			
	09/01/97	96.96	96.84	NG	NG	NG	NG			
	10/03/97	96.96	96.84		52.58	44.26	0.00			
	11/08/97	96.96	96.84	NG	NG	NG	NG			
	01/21/98	96.96	96.84		52.52	44.32	0.00			
	02/17/98	96.96	96.84	NG	NG	NG	NG			
	04/01/98	96.96	96.84		52.60	44.24	0.00			
	05/04/98	96.96	96.84		52.95	43.89	0.00			
	07/07/98	96.96	96.84		52.70	44.14	0.00			
	10/01/98	96.96	96.84		52.80	44.04	0.00			
	01/12/99	96.96	96.84		52.95	43.89	0.00			
	04/14/99	96.96	96.84		53.05	43.79	0.00			
	07/09/99	96.96	96.84		53.17	43.67	0.00			
	08/10/99	96.96	96.84		53.19	43.65	0.00			
	09/18/99	96.96	96.84		53.24	43.60	0.00			
	10/30/99	96.96	96.84		53.31	43.53	0.00			
	11/28/99	96.96	96.84		53.34	43.50	0.00			
	12/28/99	96.96	96.84		53.41	43.43	0.00			
	01/12/00	96.96	96.84		53.41	43.43	0.00			
	02/07/00	96.96	96.84		53.45	43.39	0.00			
	03/31/00	96.96	96.84		53.51	43.33	0.00			
	04/26/00	96.96	96.84		53.54	43.30	0.00			
	05/31/00	96.96	96.84		53.60	43.24	0.00			
	06/30/00	96.96	96.84		53.62	43.22	0.00			
	07/13/00	96.96	96.84		53.65	43.19	0.00			
	08/31/00	96.96	96.84		53.71	43.13	0.00			
	09/22/00	96.96	96.84		53.73	43.11	0.00			
	10/04/00	96.96	96.84		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
	01/04/01	96.96	96.84		53.83	43.01	0.00			
	04/26/01	96.96	96.84		54.04	42.80	0.00			
	07/11/01	96.96	96.84		54.11	42.73	0.00			
	10/03/01	96.96	96.84		54.24	42.60	0.00			
	01/29/02	96.96	96.84		54.41	42.43	0.00			
	04/11/02	96.96	96.84		54.49	42.35	0.00			
	07/05/02	96.96	96.84		54.63	42.21	0.00			
	10/07/02	96.96	96.84		54.75	42.09	0.00			
MW-13	04/08/97	97.52	97.17		52.56	44.61	0.00			
	05/07/97	97.52	97.17	NG	NG	NG	NG			
	06/18/97	97.52	97.17	NG	NG	NG	NG			
	07/15/97	97.52	97.17		53.20	43.97	0.00			
	08/04/97	97.52	97.17	NG	NG	NG	NG			
	09/01/97	97.52	97.17		53.28	43.89	0.00			
	10/03/97	97.52	97.17		52.18	44.99	0.00			
	11/08/97	97.52	97.17	NG	NG	NG	NG			
	01/21/98	97.52	97.17		52.89	44.28	0.00			
	02/17/98	97.52	97.17	NG	NG	NG	NG			
	04/01/98	97.52	97.17		52.94	44.23	0.00			
	05/04/98	97.52	97.17		53.60	43.57	0.00			
	07/07/98	97.52	97.17		53.06	44.11	0.00			
	10/01/98	97.52	97.17		53.18	43.99	0.00			
	01/12/99	97.52	97.17		53.32	43.85	0.00			
	04/14/99	97.52	97.17		53.43	43.74	0.00			
	07/09/99	97.52	97.17		53.52	43.65	0.00			
	08/10/99	97.52	97.17		53.57	43.60	0.00			
	09/18/99	97.52	97.17		53.62	43.55	0.00			
	10/30/99	97.52	97.17		53.70	43.47	0.00			
	11/28/99	97.52	97.17		53.74	43.43	0.00			
	12/28/99	97.52	97.17		53.77	43.40	0.00			
	01/12/00	97.52	97.17		53.79	43.38	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
	02/07/00	97.52	97.17		53.82	43.35	0.00			
	03/31/00	97.52	97.17		53.89	43.28	0.00			
	04/26/00	97.52	97.17		53.91	43.26	0.00			
	05/31/00	97.52	97.17		53.99	43.18	0.00			
	06/30/00	97.52	97.17		54.01	43.16	0.00			
	07/13/00	97.52	97.17		54.03	43.14	0.00			
	08/31/00	97.52	97.17		54.10	43.07	0.00			
	09/22/00	97.52	97.17		54.13	43.04	0.00			
	10/04/00	97.52	97.17		54.15	43.02	0.00			
	01/04/01	97.52	97.17		54.25	42.92	0.00			
	04/26/01	97.52	97.17		54.41	42.76	0.00			
	07/11/01	97.52	97.17		54.50	42.67	0.00			
	10/03/01	97.52	97.17		54.63	42.54	0.00			
	01/29/02	97.52	97.17		54.80	42.37	0.00			
	04/11/02	97.52	97.17		54.90	42.27	0.00			
	07/05/02	97.52	97.17		54.97	42.20	0.00			
	10/07/02	97.52	97.17		55.11	42.06	0.00			
MW-14	10/01/98	97.41	97.25		53.56	43.69	0.00			
	01/12/99	97.41	97.25		53.66	43.59	0.00			
	04/14/99	97.41	97.25		53.79	43.46	0.00			
	07/09/99	97.41	97.25		53.89	43.36	0.00			
	08/10/99	97.41	97.25		53.92	43.33	0.00			
	09/18/99	97.41	97.25		53.97	43.28	0.00			
	10/30/99	97.41	97.25		54.04	43.21	0.00			
	11/28/99	97.41	97.25		54.08	43.17	0.00			
	12/28/99	97.41	97.25		54.10	43.15	0.00			
	01/12/00	97.41	97.25		54.12	43.13	0.00			
	02/07/00	97.41	97.25		54.18	43.07	0.00			
	03/31/00	97.41	97.25		54.23	43.02	0.00			
	04/26/00	97.41	97.25		54.25	43.00	0.00			
	05/31/00	97.41	97.25		54.33	42.92	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
	06/30/00	97.41	97.25		54.35	42.90	0.00			
	07/13/00	97.41	97.25		54.37	42.88	0.00			
	08/31/00	97.41	97.25		54.43	42.82	0.00			
	09/22/00	97.41	97.25		54.48	42.77	0.00			
	10/04/00	97.41	97.25		54.49	42.76	0.00			
	01/04/01	97.41	97.25		54.61	42.64	0.00			
	04/26/01	97.41	97.25		54.76	42.49	0.00			
	07/11/01	97.41	97.25		54.85	42.40	0.00			
	10/03/01	97.41	97.25		54.96	42.29	0.00			
	01/29/02	97.41	97.25		55.16	42.09	0.00			
	04/11/02	97.41	97.25		55.23	42.02	0.00			
	07/05/02	97.41	97.25		55.33	41.92	0.00			
	10/07/02	97.41	97.25		55.46	41.79	0.00			
MW-15	01/12/99	98.28	98.14		55.31	42.83	0.00			
	04/14/99	98.28	98.14		55.40	42.74	0.00			
	07/09/99	98.28	98.14		55.52	42.62	0.00			
	08/10/99	98.28	98.14		55.56	42.58	0.00			
	09/18/99	98.28	98.14		55.61	42.53	0.00			
	10/30/99	98.28	98.14		55.68	42.46	0.00			
	11/28/99	98.28	98.14		55.72	42.42	0.00			
	12/28/99	98.28	98.14		55.75	42.39	0.00			
	01/12/00	98.28	98.14		55.78	42.36	0.00			
	02/07/00	98.28	98.14		55.83	42.31	0.00			
	03/31/00	98.28	98.14		55.88	42.26	0.00			
	04/26/00	98.28	98.14		55.90	42.24	0.00			
	05/31/00	98.28	98.14		55.96	42.18	0.00			
	06/30/00	98.28	98.14		56.00	42.14	0.00			
	07/13/00	98.28	98.14		56.03	42.11	0.00			
	08/31/00	98.28	98.14		56.10	42.04	0.00			
	09/22/00	98.28	98.14		56.11	42.03	0.00			
	10/04/00	98.28	98.14		56.13	42.01	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
	01/04/01	98.28	98.14		56.25	41.89	0.00			
	04/26/01	98.28	98.14		56.44	41.70	0.00			
	07/11/01	98.28	98.14		56.51	41.63	0.00			
	10/03/01	98.28	98.14		56.95	41.19	0.00			
	01/29/02	98.28	98.14		56.82	41.32	0.00			
	04/11/02	98.28	98.14		56.90	41.24	0.00			
	07/05/02	98.28	98.14		57.00	41.14	0.00			
	10/07/02	98.28	98.14		57.13	41.01	0.00			
MW-16	10/30/99	Not Surveyed	96.04		53.01	43.03	0.00			
	11/28/99	Not Surveyed	96.04		53.08	42.96	0.00			
	12/28/99	Not Surveyed	96.04		53.13	42.91	0.00			
	01/12/00	Not Surveyed	96.04		53.11	42.93	0.00			
	02/07/00	Not Surveyed	96.04		53.16	42.88	0.00			
	03/31/00	Not Surveyed	96.04		53.25	42.79	0.00			
	04/26/00	Not Surveyed	96.04		53.24	42.80	0.00			
	05/31/00	Not Surveyed	96.04		53.33	42.71	0.00			
	06/30/00	Not Surveyed	96.04		53.33	42.71	0.00			
	07/13/00	Not Surveyed	96.04		53.35	42.69	0.00			
	08/31/00	Not Surveyed	96.04		53.44	42.60	0.00			
	09/22/00	Not Surveyed	96.04		53.49	42.55	0.00			
	10/04/00	Not Surveyed	96.04		53.47	42.57	0.00			
	01/04/01	Not Surveyed	96.04		53.60	42.44	0.00			
	04/26/01	Not Surveyed	96.04		53.75	42.29	0.00			
	07/11/01	Not Surveyed	96.04		53.81	42.23	0.00			
	10/03/01	Not Surveyed	96.04		54.63	41.41	0.00			
	01/29/02	Not Surveyed	96.04		54.12	41.92	0.00			
	04/11/02	Not Surveyed	96.04		54.20	41.84	0.00			
	07/05/02	Not Surveyed	96.04		54.31	41.73	0.00			
	10/07/02	Not Surveyed	96.04		54.43	41.61	0.00			
WW-1	12/23/96	99.11	100.16	56.25	57.34	43.80	1.09	18.00	404.50	ORS automated recovery system
	01/10/97	99.11	100.16	56.41	56.77	43.71	0.36		404.50	

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
	02/13/97	99.11	100.16	55.57	55.77	44.57	0.20		404.50	
	03/13/97	99.11	100.16	54.36	54.97	45.74	0.61		404.50	
	04/08/97	99.11	100.16	53.68	54.88	46.36	1.20		404.50	
	05/07/97	99.11	100.16	59.01	61.04	40.95	2.03		404.50	
	06/18/97	99.11	100.16	53.80	56.40	46.10	2.60		404.50	
	07/15/97	99.11	100.16	53.63	56.21	46.27	2.58		404.50	
	08/04/97	99.11	100.16	53.84	56.24	46.08	2.40		404.50	
	09/01/97	99.11	100.16	53.53	55.80	46.40	2.27		404.50	
	10/03/97	99.11	100.16	NG	NG	NG	NG		404.50	
	11/08/97	99.11	100.16	NG	NG	NG	NG		404.50	
	01/21/98	99.11	100.16	NG	NG	NG	NG		404.50	
	02/17/98	99.11	100.16	55.75	62.03	43.78	6.28		404.50	
	04/01/98	99.11	100.16	56.50	59.05	43.41	2.55		404.50	
	05/04/98	99.11	100.16	56.85	58.10	43.19	1.25		404.50	
	07/07/98	99.11	100.16	54.30	56.89	45.60	2.59		404.50	
	10/01/98	99.11	100.16	57.03	58.12	43.02	1.09		404.50	
	01/12/99	99.11	100.16	57.14	58.28	42.91	1.14		404.50	
	04/14/99	99.11	100.16	57.41	57.50	42.74	0.09	0.25	404.75	ORS system failed, Hand Bail
	06/15/99	99.11	100.16	57.20	58.80	42.80	1.60		404.75	Hand Bail
	07/09/99	99.11	100.16	57.19	59.11	42.78	1.92	3.00	407.75	Hand Bail
	08/10/99	99.11	100.16	57.14	59.50	42.78	2.36	3.00	410.75	Hand Bail
	09/18/99	99.11	100.16	57.33	58.93	42.67	1.60	2.50	413.25	Hand Bail
	10/30/99	99.11	100.16	57.47	58.33	42.60	0.86	1.00	414.25	Hand Bail
	11/28/99	99.11	100.16	57.40	59.12	42.59	1.72	2.00	416.25	Hand Bail
	12/28/99	99.11	100.16	57.48	59.05	42.52	1.57	1.50	417.75	Hand Bail
	01/12/00	99.11	100.16	57.50	59.20	42.49	1.70	2.50	420.25	Hand Bail
	02/07/00	99.11	100.16	57.47	59.40	42.50	1.93	1.50	421.75	Hand Bail
	03/31/00	99.11	100.16	57.44	59.88	42.48	2.44	2.50	424.25	Hand Bail
	04/26/00	99.11	100.16	57.51	59.90	42.41	2.39	2.50	426.75	Hand Bail
	05/31/00	99.11	100.16	57.43	60.39	42.43	2.96	2.50	429.25	Hand Bail
	06/30/00	99.11	100.16	57.38	59.68	42.55	2.30	2.00	431.25	Hand Bail

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
	07/13/00	99.11	100.16	57.43	59.70	42.50	2.27	2.00	433.25	Hand Bail
	08/31/00	99.11	100.16	57.43	60.05	42.47	2.62	2.00	435.25	Hand Bail
	09/22/00	99.11	100.16	57.55	57.70	42.60	0.15		435.25	Ferret Pump installed on 09/15/00
	10/04/00	99.11	100.16	58.20	58.25	41.96	0.05		435.25	Ferret automated recovery system
	01/04/01	99.11	100.16	57.26	57.57	42.87	0.31		435.25	
	04/26/01	99.11	100.16	58.55	58.65	41.60	0.10		435.25	
	07/11/01	99.11	100.16	58.50	58.90	41.62	0.40		435.25	
	10/03/01	99.11	100.16	58.50	59.49	41.56	0.99		435.25	
	01/29/02	99.11	100.16	58.45	60.50	41.51	2.05		435.25	Replaced regulator/cleaned pump/C100 unit
	04/11/02	99.11	100.16	58.83	59.56	41.26	0.73		435.25	Cleaned pump
	07/05/02	99.11	100.16	58.81	60.32	41.20	1.51		435.25	Readjusted pump level
	10/07/02	99.11	100.16	58.92	60.39	41.09	1.47		435.25	Readjusted pump level
								Total:	1085.08	By manual recovery.

Note 1: Intermittant 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 2: ORS Remediation System was replaced by a Ferret pneumatic pump system on April 30, 1999. MW-1, MW-3, MW-5, and MW-7 are connected to the Automated Ferret pump system (see Table 2).

* Measured from a relative datum (benchmark = 100 feet). ** 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. NG = Not Gauged

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-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
MW-2	09/27/93	0.017	ND	ND	ND	0.017					
	05/10/94	0.011	ND	ND	ND	0.011					
	10/12/95	0.002	ND	ND	ND	0.002					
	02/08/96	0.310	ND	ND	ND	0.310	0.002	0.002	ND	0.004	ND
	04/04/96	0.150	ND	ND	ND	0.150					
	07/17/96	0.430	ND	ND	ND	0.430					
	10/01/96	0.560	ND	ND	ND	0.560					
	01/22/97	0.310	ND	ND	ND	0.310	ND	0.003	ND	0.003	ND
	04/08/97	0.330	ND	ND	ND	0.330					
	01/21/98	0.350	ND	ND	ND	0.350	0.001	ND	0.000	0.001	ND
	04/01/98	0.350	ND	ND	ND	0.350					
	07/07/98	0.420	ND	ND	ND	0.420					
	10/01/98	0.450	ND	ND	ND	0.450					
	01/13/99	0.330	ND	ND	ND	0.330	ND	ND	ND	ND	ND
	04/15/99	0.480	ND	ND	ND	0.480					
	07/09/99	0.530	ND	ND	ND	0.530					
	10/30/99	1.500	ND	ND	ND	1.500					
	01/12/00	0.780	ND	ND	ND	0.780	PAH bottle broken during shipment.				
	04/27/00	0.740	ND	ND	ND	0.740					
	07/13/00	0.797	ND	ND	ND	0.797					
	10/06/00	0.671	0.001	ND	0.003	0.675					
	01/04/01	0.556	0.001	ND	0.005	0.562	ND	ND	ND	ND	ND
	04/27/01	0.812	ND	ND	0.002	0.814					
	07/11/01	0.781	0.012	ND	ND	0.793					
	10/03/01	1.300	ND	ND	ND	1.300					
	01/29/02	0.750	ND	ND	ND	0.750	ND	ND	ND	ND	ND
	04/11/02	0.828	ND	ND	ND	0.828					
	07/05/02	0.549	ND	ND	ND	0.549					
	10/07/02	0.102	ND	ND	ND	0.102					
MW-6	05/10/94	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					
	02/08/96	1.200	ND	0.022	0.076	1.298	ND	ND	0.005	0.005	ND
	04/04/96	1.100	ND	0.021	0.135	1.256					
	07/17/96	1.100	ND	0.021	0.085	1.206					
	10/01/96	0.990	ND	ND	0.012	1.002					
	01/22/97	1.100	ND	ND	ND	1.100	ND	ND	ND	ND	ND
	04/08/97	0.980	0.001	0.013	0.047	1.041					
	01/21/98	0.890	ND	0.018	0.039	0.947	0.005	0.002	0.003	0.010	ND
	04/01/98	0.540	ND	0.010	0.054	0.604					
	07/07/98	0.420	ND	0.014	0.028	0.462					
	10/01/98	0.450	ND	0.009	0.038	0.497					
	01/13/99	0.550	ND	0.016	0.044	0.610	ND	ND	0.001	0.001	ND
	04/15/99	0.690	ND	0.023	0.038	0.751					
	07/09/99	0.690	ND	0.026	0.028	0.744					
	10/30/99	1.500	ND	0.058	0.160	1.718					
	01/12/00	0.870	ND	0.110	0.330	1.310	0.004	0.004	0.001	0.009	ND
	04/27/00	PSH	PSH	PSH	PSH	PSH					
	07/13/00	1.170	ND	ND	ND	1.170					
	10/06/00	1.030	0.005	0.065	0.115	1.210					
	01/04/01	0.854	0.014	0.086	0.164	1.120	0.014	0.008	0.009	0.031	ND
	04/27/01	1.790	ND	ND	ND	1.790					
	10/03/01	0.831	ND	0.428	0.204	1.463					
	01/29/02	0.716	0.014	0.109	0.119	0.958	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-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
	04/11/02	0.731	ND	ND	ND	0.731					
	07/05/02	0.565	ND	ND	0.0864	0.651					
	10/07/02	0.434	ND	0.062	0.1100	0.606					
MW-8	05/10/94	ND	ND	ND	ND	ND					
	04/08/97	ND	ND	ND	ND	ND					
	04/01/98	ND	ND	ND	ND	ND					
	10/01/98	ND	ND	ND	ND	ND					
	01/13/99	ND	ND	ND	ND	ND					
	04/15/99	ND	ND	ND	ND	ND					
	04/27/00	ND	ND	ND	ND	ND					
	07/13/00	ND	ND	ND	ND	ND					
	10/06/00	ND	ND	ND	ND	ND					
	04/27/01	ND	ND	ND	ND	ND					
	04/11/02	ND	ND	ND	ND	ND					
MW-9	05/10/94	ND	ND	ND	ND	ND					
	10/12/95	ND	ND	ND	ND	ND					
	02/08/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/04/96	ND	ND	ND	ND	ND					
	07/17/96	ND	ND	ND	ND	ND					
	10/01/96	ND	ND	ND	ND	ND					
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/08/97	ND	ND	ND	ND	ND					
	07/15/97	ND	ND	ND	ND	ND					
	10/03/97	ND	ND	ND	ND	ND					
	01/21/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/01/98	ND	ND	ND	ND	ND					
	07/07/98	ND	ND	ND	ND	ND					
	10/01/98	ND	ND	ND	ND	ND					
	01/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND					
	07/09/99	ND	ND	ND	ND	ND					
	10/30/99	ND	ND	ND	ND	ND					
	04/27/00	ND	ND	ND	ND	ND					
	01/04/01	0.001	ND	ND	ND	0.001	ND	ND	ND	ND	ND
	04/27/01	ND	ND	ND	ND	ND					
	07/11/01	ND	ND	ND	ND	ND					
	10/03/01	ND	ND	ND	ND	ND					
	01/29/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/11/02	ND	ND	ND	ND	ND					
	07/05/02	ND	ND	ND	ND	ND					
	10/07/02	ND	ND	ND	ND	ND					
MW-10	10/12/95	ND	ND	ND	ND	ND					
	04/08/97	1.000	ND	ND	1.000	2.000					
	04/01/98	0.500	ND	0.250	0.032	0.782					
	04/15/99	0.880	ND	0.160	0.043	1.083					
	01/12/00	0.940	ND	0.200	0.058	1.198	0.006	0.002	0.004	0.012	ND
	04/27/00	1.500	ND	0.400	0.110	2.010					
	07/13/00	1.410	0.002	0.301	0.051	1.760					
	10/06/00	1.730	0.007	0.435	0.161	2.330					
	04/27/01	1.080	0.096	0.257	0.274	1.710					
	04/11/02	1.440	ND	0.139	0.064	1.640					
MW-11	10/12/95	1.500	0.003	ND	0.005	1.508					
	02/08/96	1.100	ND	ND	ND	1.100	ND	ND	0.014	0.014	ND
	04/04/96	1.300	ND	ND	ND	1.300					

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-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
	07/17/96	1.800	ND	ND	ND	1.800					
	10/01/96	1.400	ND	ND	ND	1.400					
	01/22/97	2.000	ND	ND	ND	2.000					
	04/08/97	1.200	ND	ND	ND	1.200					
	01/21/98	2.000	ND	ND	ND	2.000	0.004	0.000	0.001	0.005	ND
	04/01/98	0.720	ND	ND	ND	0.720					
	07/07/98	2.000	ND	ND	ND	2.000					
	10/01/98	2.200	ND	ND	ND	2.200					
	01/13/99	2.100	ND	ND	ND	2.100	ND	ND	ND	ND	ND
	04/15/99	0.210	ND	ND	ND	0.210					
	07/09/99	1.500	ND	ND	ND	1.500					
	10/30/99	4.700	ND	ND	ND	4.700					
	01/12/00	2.300	ND	ND	ND	2.300	0.003	0.001	0.002	0.006	ND
	04/27/00	1.900	ND	ND	ND	1.900					
	10/06/00	1.520	ND	0.009	ND	1.520					
	01/04/01	0.801	ND	ND	0.003	0.804	ND	ND	ND	ND	ND
	04/27/01	0.846	ND	ND	ND	0.846					
	07/11/01	0.766	ND	ND	ND	0.766					
	10/03/01	0.389	ND	ND	ND	0.389					
	01/29/02	0.0498	ND	ND	ND	0.0498	ND	ND	ND	ND	ND
	04/11/02	0.1020	ND	ND	ND	0.1020					
	07/05/02	ND	ND	ND	ND	ND					
	10/07/02	0.0204	ND	ND	ND	0.0204					
MW-12	10/12/95	ND	ND	ND	ND	ND					
	02/08/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/04/96	ND	ND	ND	ND	ND					
	07/17/96	ND	ND	ND	ND	ND					
	10/01/96	0.023	ND	ND	ND	0.023					
	01/22/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/08/97	ND	ND	ND	ND	ND					
	07/15/97	ND	ND	ND	ND	ND					
	10/03/97	ND	ND	ND	ND	ND					
	01/21/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/01/98	ND	ND	ND	ND	ND					
	07/07/98	ND	ND	ND	ND	ND					
	10/01/98	ND	ND	ND	ND	ND					
	01/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND					
	07/09/99	ND	ND	ND	ND	ND					
	10/30/99	ND	ND	ND	ND	ND					
	04/27/00	ND	ND	ND	ND	ND					
	01/04/01	0.002	ND	ND	ND	0.002	ND	ND	ND	ND	ND
	04/27/01	0.011	ND	ND	ND	0.011					
	07/11/01	ND	ND	ND	ND	ND					
	10/03/01	ND	ND	ND	ND	ND					
	01/29/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/11/02	ND	ND	ND	ND	ND					
	07/05/02	ND	ND	ND	ND	ND					
	10/07/02	ND	ND	ND	ND	ND					
MW-13	04/08/97	0.160	ND	ND	ND	0.160	ND	ND	ND	ND	ND
	07/15/97	0.230	ND	ND	ND	0.230					
	10/03/97	0.012	ND	ND	ND	0.012					
	01/21/98	0.620	ND	ND	ND	0.620	0.003	0.003	0.004	0.010	ND
	04/01/98	0.690	ND	ND	ND	0.690					

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-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)
	07/07/98	0.620	ND	ND	ND	0.620					
	10/01/98	0.520	ND	ND	ND	0.520					
	01/13/99	0.330	ND	ND	ND	0.330	ND	ND	0.000	0.000	ND
	04/15/99	0.280	ND	ND	ND	0.280					
	07/09/99	0.200	ND	ND	ND	0.200					
	10/30/99	0.140	ND	ND	ND	0.140					
	04/27/00	0.046	ND	ND	ND	0.046					
	01/04/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/27/01	ND	ND	ND	ND	ND					
	07/11/01	ND	ND	ND	ND	ND					
	10/03/01	0.004	ND	ND	ND	0.004					
	01/29/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/11/02	ND	ND	ND	ND	ND					
	07/05/02	ND	ND	ND	ND	ND					
	10/07/02	ND	ND	ND	ND	ND					
MW-14	10/01/98	0.320	ND	ND	ND	0.320					
	01/12/00	0.690	ND	ND	ND	0.690	0.003	ND	ND	0.003	ND
	04/27/00	0.400	ND	ND	ND	0.400					
	07/13/00	0.388	ND	ND	ND	0.388					
	10/06/00	0.770	ND	ND	ND	0.770					
MW-15	01/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/15/99	ND	ND	ND	ND	ND					
	07/09/99	ND	ND	ND	ND	ND					
	10/30/99	ND	ND	ND	ND	ND					
	04/27/00	ND	ND	ND	ND	ND					
	01/04/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/27/01	0.054	ND	ND	ND	0.054					
	07/11/01	ND	ND	ND	ND	ND					
	10/03/01	ND	ND	ND	ND	ND					
	01/29/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/11/02	ND	ND	ND	ND	ND					
	07/05/02	ND	ND	ND	ND	ND					
	10/07/02	ND	ND	ND	ND	ND					
MW-16	10/30/99	ND	ND	ND	ND	ND					
	01/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/27/00	ND	ND	ND	ND	ND					
	07/13/00	ND	ND	ND	ND	ND					
	10/06/00	0.004	ND	ND	ND	0.004					
	01/04/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/27/01	ND	ND	ND	ND	ND					
	07/11/01	ND	ND	ND	ND	ND					
	10/03/01	ND	ND	ND	ND	ND					
	01/29/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/11/02	ND	ND	ND	ND	ND					
	07/05/02	ND	ND	ND	ND	ND					
	10/07/02	ND	ND	ND	ND	ND					

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)			
12/23/96	28	25	21.03	315.59	Cumulative PSH thickness from 9/5/96
1/10/97	28.5	28	3.51	319.10	Cumulative PSH thickness from 9/5/96 - Drained to 20"
1/22/97	25.5	20	38.57	357.67	Cumulative PSH thickness from 1/10/97
2/13/97	29	25.5	24.55	382.22	Cumulative PSH thickness from 1/10/97
3/13/97	34.5	29	38.57	420.79	Cumulative PSH thickness from 1/10/97
4/8/97	36	34.5	10.52	431.31	Cumulative PSH thickness from 1/10/97 - Drained to 30"
5/7/97	32.5	30	17.53	448.84	Cumulative PSH thickness from 4/8/97 - Drained to 26"
6/18/97	31	26	35.05	483.89	Cumulative PSH thickness from 5/7/97 - Drained to 18"
7/15/97	19	18	7.01	490.90	Cumulative PSH thickness from 6/18/97
8/4/97	22.5	19	24.54	515.43	Cumulative PSH thickness from 6/18/97
9/1/97	24.5	22.5	14.02	529.45	Cumulative PSH thickness from 6/18/97
10/3/97	25.5	24.5	7.01	536.46	Cumulative PSH thickness from 6/18/97
11/8/97	26.50	25.50	7.01	543.47	Cumulative PSH thickness from 6/18/97
1/21/98	26.70	26.50	1.40	544.87	Drained to 21.1"
2/17/98	21.10	21.10	0.00	544.87	Drained to 10.0"
2/26/98	13.80	10.00	26.64	571.51	Drained to 1.0"
4/1/98	7.44	1.00	45.14	616.65	Cumulative PSH thickness from 2/26/98
5/4/98	34.80	7.44	191.79	808.45	Drained to 1.0"
6/5/98	17.50	1.00	115.67	924.11	Cumulative PSH thickness from 5/4/98
6/15/98	18.75	17.50	8.76	932.88	Cumulative PSH thickness from 5/4/98
7/1/98	24.25	18.75	38.56	971.43	Cumulative PSH thickness from 5/4/98
7/7/98	26.25	24.25	14.02	985.45	Cumulative PSH thickness from 5/4/98
7/12/98	26.55	26.25	2.10	987.55	Cumulative PSH thickness from 5/4/98
7/26/98	26.75	26.55	1.40	988.96	Cumulative PSH thickness from 5/4/98
8/9/98	34.25	26.75	52.58	1041.53	Tank Full, Drained to 31.25"
8/12/98	34.25	31.25	21.03	1062.56	Tank Full, Drained to 19.85"
8/23/98	34.25	19.85	100.94	1163.50	Tank Full, Drained to 2.05"
8/30/98	2.55	2.05	3.51	1167.01	Cumulative PSH thickness from 8/23/98
9/6/98	4.25	2.55	11.92	1178.93	Cumulative PSH thickness from 8/23/98
9/13/98	5.25	4.25	7.01	1185.94	Cumulative PSH thickness from 8/23/98
9/20/98	7.25	5.25	14.02	1199.96	Cumulative PSH thickness from 8/23/98
9/27/98	8.00	7.25	5.26	1205.21	Cumulative PSH thickness from 8/23/98
10/1/98	10.00	8.00	14.02	1219.23	Cumulative PSH thickness from 8/23/98
10/14/98	10.75	10.00	5.26	1224.49	Cumulative PSH thickness from 8/23/98
11/1/98	13.00	10.75	15.77	1240.26	Cumulative PSH thickness from 8/23/98
11/21/98	14.75	13.00	12.27	1252.53	Cumulative PSH thickness from 8/23/98
12/6/98	16.25	14.75	10.52	1263.05	Cumulative PSH thickness from 8/23/98
1/14/99	18.55	16.25	16.12	1279.17	Tank Drained to 9"
03/17/99	9.12	40.00	216.56	1495.73	ORS system failed
04/19/99	40.00	40.00		1495.73	Drained tank to 1"
04/29/99	1.00	1.00		1495.73	Ferret system installed
05/04/99	1.00	19.50	129.74	1625.47	Drained tank to 1"

05/10/99	1.00	21.00	140.26	1765.73	Drained to 1"
05/14/99	1.00	31.00	210.39	1976.12	Drained to 29"
05/19/99	29.00	42.50	94.68	2070.80	Tank and Eott sump full. Did not drain.
05/27/99	42.50	42.50		2070.80	Eott sump partially full. Drained to 34.5"
06/02/99	34.50	42.50	56.10	2126.90	Eott sump drained on June 1, however, it was filled again due to other eott drainage to tank. drained our tank to 40 inches.
06/08/99	40.00	42.50	17.53	2144.43	Tank pumped out. Will replace with 2K gal.tank
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.
11/27/00			210.00	2853.33	Tank has 460 gallons of which 410 is oil.
12/14/00			35.00	2888.33	Tank has 495 gallons of which 445 is oil.
01/04/01			25.00	2913.33	Tank has 520 gallons of which 470 is oil.
02/07/01			25.00	2938.33	Tank has 125 gallons of which 25 is oil.
03/16/01			180.00	3118.33	Tank has 305 gallons of which 205 is oil.
04/26/01			75.00	3193.33	Tank has 380 gallons of which 280 is oil.
7/11/01			820.00	4013.33	Tank has 1200 gallons of which 1100 is oil.
10/3/01			200.00	4213.33	Tank had 1300 gallons of which 1200 is oil* removed oil from tank in September
1/29/02			180.00	4393.33	Tank has 180 gallons of which 180 is oil.
4/11/02			80.00	4473.33	Tank has 260 gallons of which 260 is oil.
7/5/02			40.00	4513.33	Tank has 300 gallons of which 300 is oil.
10/7/02			210.00	4723.33	Tank has 600 gallons of which 510 is oil.

Note 1: As of 8/14/96, recovery from WW-1, MW-3, MW-5, and MW-7 is from oeration of the ORS Product Recovery System.
Remarks: Product recovery is calculated from product thickness in tank (dimensions - 60" x 44" x 27").
Initial volume calculated in tank was 92.75 gallons (recovery prior to 8/14/96).
PSH Recovery in gallons = ((delta PSH thickness in inches) x (60" x 27") / 231 in3 / gal)
delta PSH thickness = recorded PSH thickness - previous PSH thickness.
Note 2: New 2000 gal. tank installed on 6/15/99. Product recovery is calculated by gauging marks on the tank.
Note 3: The ORS automated system failed March, 1999. The system was replaced by a Ferret Pneumatic system on April 30, 1999. The Ferret system is connected to MW-1, MW-3, MW-5, and MW-7. WW-1 has been removed from automated recovery and is now hand bailed.
Note 4: Prior to 6/8/99, product recovery is calculated from product thickness in the original recovery tank (60"x27"x44"). PSH Recovery (in gallons) = [(Present Tank Level - Previous Tank Level) x 60" x 27"]/231 in^3/gal

ATTACHMENT C

Analytical Data

Analytical and Quality Control Report

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

Report Date: February 18, 2002

Order ID Number: A02013102

Project Number: EQ-101
Project Name: Denton Station
Project Location: Lea Co. New Mexico

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
190014	MW-2	Water	1/29/02	14:00	1/31/02
190015	MW-6	Water	1/29/02	14:45	1/31/02
190016	MW-9	Water	1/29/02	15:00	1/31/02
190017	MW-11	Water	1/29/02	17:20	1/31/02
190018	MW-12	Water	1/29/02	15:40	1/31/02
190019	MW-13	Water	1/29/02	16:10	1/31/02
190020	MW-15	Water	1/29/02	17:00	1/31/02
190021	MW-16	Water	1/29/02	18:00	1/31/02

0
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. Note: the RDL is equal to MQL for all organic analytes including TPH.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 190014 - MW-2

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17823	Date Analyzed:	2/1/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17423	Date Prepared:	2/1/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.750	mg/L	50	0.001
Toluene		<0.050	mg/L	50	0.001
Ethylbenzene		<0.050	mg/L	50	0.001
M,P,O-Xylene		<0.050	mg/L	50	0.001
Total BTEX		0.750	mg/L	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.088	mg/L	50	0.10	88	70 - 130
4-BFB		0.091	mg/L	50	0.10	91	70 - 130

Sample: 190014 - MW-2

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		47.01	mg/L	1	80	58	35 - 114
2-Fluorobiphenyl		51.75	mg/L	1	80	64	43 - 116
Terphenyl-d14		44.92	mg/L	1	80	56	33 - 141

Sample: 190015 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.716	mg/L	5	0.001
Toluene		0.0139	mg/L	5	0.001
Ethylbenzene		0.109	mg/L	5	0.001
M,P,O-Xylene		0.119	mg/L	5	0.001
Total BTEX		0.958	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.073	mg/L	5	0.10	73	70 - 130
4-BFB		0.079	mg/L	5	0.10	79	70 - 130

Sample: 190015 - MW-6

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	[1]	0.28	mg/L	1	80	0	35 - 114
2-Fluorobiphenyl	[2]	31.36	mg/L	1	80	39	43 - 116
Terphenyl-d14		46.44	mg/L	1	80	58	33 - 141

Sample: 190016 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

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

Continued ...

[1] Sample surrogate recoveries out of limits due to matrix effect.
[2] Sample surrogate recoveries out of limits due to matrix effect.

... *Continued* Sample: 190016 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
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		0.076	mg/L	1	0.10	76	70 - 130
4-BFB		0.0739	mg/L	1	0.10	74	70 - 130

Sample: 190016 - MW-9

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		48.29	mg/L	1	80	60	35 - 114
2-Fluorobiphenyl		51.4	mg/L	1	80	64	43 - 116
Terphenyl-d14		32.9	mg/L	1	80	41	33 - 141

Sample: 190017 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0498	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		0.0498	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.071	mg/L	5	0.10	71	70 - 130
4-BFB		0.071	mg/L	5	0.10	71	70 - 130

Sample: 190017 - MW-11

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		45.9	mg/L	1	80	57	35 - 114
2-Fluorobiphenyl		48.52	mg/L	1	80	60	43 - 116
Terphenyl-d14		48.92	mg/L	1	80	61	33 - 141

Sample: 190018 - MW-12

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

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		0.0797	mg/L	1	0.10	80	70 - 130
4-BFB		0.0785	mg/L	1	0.10	78	70 - 130

Sample: 190018 - MW-12

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		45.65	mg/L	1	80	57	35 - 114
2-Fluorobiphenyl		50.29	mg/L	1	80	62	43 - 116
Terphenyl-d14		35.17	mg/L	1	80	43	33 - 141

Sample: 190019 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

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		0.0844	mg/L	1	0.10	84	70 - 130
4-BFB		0.0827	mg/L	1	0.10	83	70 - 130

Sample: 190019 - MW-13

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005

Continued ...

... *Continued* Sample: 190019 Analysis: PAH

Param	Flag	Result	Units	Dilution	RDL
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		48.32	mg/L	1	80	60	35 - 114
2-Fluorobiphenyl		54.22	mg/L	1	80	67	43 - 116
Terphenyl-d14		38.76	mg/L	1	80	48	33 - 141

Sample: 190020 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

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		0.0714	mg/L	1	0.10	71	70 - 130
4-BFB		0.0733	mg/L	1	0.10	73	70 - 130

Sample: 190020 - MW-15

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005

Continued ...

... *Continued* Sample: 190020 Analysis: PAH

Param	Flag	Result	Units	Dilution	RDL
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		47.77	mg/L	1	80	59	35 - 114
2-Fluorobiphenyl		53.2	mg/L	1	80	66	43 - 116
Terphenyl-d14		38.05	mg/L	1	80	47	33 - 141

Sample: 190021 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC17791	Date Analyzed:	1/31/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB17393	Date Prepared:	1/31/02

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		0.0721	mg/L	1	0.10	72	70 - 130
4-BFB		0.0746	mg/L	1	0.10	75	70 - 130

Sample: 190021 - MW-16

Analysis:	PAH	Analytical Method:	S 8270C	QC Batch:	QC17964	Date Analyzed:	2/5/02
Analyst:	RC	Preparation Method:	E 3510C	Prep Batch:	PB17520	Date Prepared:	1/31/02

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005

Continued ...

... *Continued* Sample: 190021 Analysis: PAH

Param	Flag	Result	Units	Dilution	RDL
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		40.89	mg/L	1	80	51	35 - 114
2-Fluorobiphenyl		44.79	mg/L	1	80	55	43 - 116
Terphenyl-d14		40	mg/L	1	80	50	33 - 141

Quality Control Report
Method Blank

Method Blank

QCBatch: QC17791

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	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0819	mg/L	1	0.10	82	70 - 130
4-BFB		0.0821	mg/L	1	0.10	82	70 - 130

Method Blank

QCBatch: QC17823

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	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0844	mg/L	1	0.10	84	70 - 130
4-BFB		0.091	mg/L	1	0.10	91	70 - 130

Method Blank

QCBatch: QC17964

Param	Flag	Results	Units	Reporting Limit
Naphthalene		<0.005	mg/L	0.005
Acenaphthylene		<0.005	mg/L	0.005
Acenaphthene		<0.005	mg/L	0.005
Fluorene		<0.005	mg/L	0.005
Phenanthrene		<0.005	mg/L	0.005
Anthracene		<0.005	mg/L	0.005
Fluoranthene		<0.005	mg/L	0.005
Pyrene		<0.005	mg/L	0.005
Benzo(a)anthracene		<0.005	mg/L	0.005
Chrysene		<0.005	mg/L	0.005
Benzo(b)fluoranthene		<0.005	mg/L	0.005

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Param	Flag	Results	Units	Reporting Limit
Benzo(k)fluoranthene		<0.005	mg/L	0.005
Benzo(a)pyrene		<0.005	mg/L	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		53.9	mg/L	1	80	67	35 - 114
2-Fluorobiphenyl		60.39	mg/L	1	80	75	43 - 116
Terphenyl-d14		65.43	mg/L	1	80	81	33 - 141

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC17791

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0922	0.0947	mg/L	1	0.10	<0.001	92	3	82 - 111	20
Benzene	0.087	0.090	mg/L	1	0.10	<0.001	87	3	86 - 106	20
Toluene	0.0878	0.091	mg/L	1	0.10	<0.001	88	4	82 - 108	20
Ethylbenzene	0.0881	0.0913	mg/L	1	0.10	<0.001	88	4	86 - 115	20
M,P,O-Xylene	0.257	0.268	mg/L	1	0.30	<0.001	86	4	79 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0829	0.0837	mg/L	1	0.10	83	84	70 - 130
4-BFB	0.0848	0.0853	mg/L	1	0.10	85	85	70 - 130

Laboratory Control Spikes

QCBatch: QC17823

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0921	0.0924	mg/L	1	0.10	<0.001	92	0	82 - 111	20
Benzene	0.0936	0.0924	mg/L	1	0.10	<0.001	94	1	86 - 106	20
Toluene	0.0982	0.0968	mg/L	1	0.10	<0.001	98	1	82 - 108	20
Ethylbenzene	0.0994	0.0976	mg/L	1	0.10	<0.001	99	2	86 - 115	20
M,P,O-Xylene	0.302	0.298	mg/L	1	0.30	<0.001	101	1	79 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0915	0.0915	mg/L	1	0.10	92	92	70 - 130
4-BFB	0.108	0.108	mg/L	1	0.10	108	108	70 - 130

Laboratory Control Spikes

QCBatch: QC17964

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Naphthalene	63.3	65.5	mg/L	1	80	<0.005	79	3	21 - 133	20
Acenaphthylene	74.5	74.67	mg/L	1	80	<0.005	93	0	33 - 145	20
Acenaphthene	68.39	67.75	mg/L	1	80	<0.005	85	0	47 - 145	20
Fluorene	64.48	63.7	mg/L	1	80	<0.005	80	1	59 - 121	20
Phenanthrene	69.44	69.87	mg/L	1	80	<0.005	86	0	54 - 120	20
Anthracene	72.37	72.62	mg/L	1	80	<0.005	90	0	27 - 133	20
Fluoranthene	70.37	69.45	mg/L	1	80	<0.005	87	1	26 - 137	20
Pyrene	86.15	79.61	mg/L	1	80	<0.005	107	7	52 - 115	20
Benzo(a)anthracene	77.23	75.88	mg/L	1	80	<0.005	96	1	33 - 143	20
Chrysene	72.91	72.5	mg/L	1	80	<0.005	91	0	17 - 168	20
Benzo(b)fluoranthene	63.91	66.96	mg/L	1	80	<0.005	79	4	33 - 143	20
Benzo(k)fluoranthene	64.81	66.13	mg/L	1	80	<0.005	81	2	17 - 168	20
Benzo(a)pyrene	71.04	71.85	mg/L	1	80	<0.005	88	1	24 - 159	20
Indeno(1,2,3-cd)pyrene	84.29	78.6	mg/L	1	80	<0.005	105	6	0 - 171	20
Dibenzo(a,h)anthracene	62.07	57.98	mg/L	1	80	<0.005	77	6	0 - 227	20
Benzo(g,h,i)perylene	86.39	80.01	mg/L	1	80	<0.005	107	7	0 - 219	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Nitrobenzene-d5	49.78	53.1	mg/L	1	80	62	66	35 - 114
2-Fluorobiphenyl	54.77	57.07	mg/L	1	80	68	71	43 - 116
Terphenyl-d14	68.04	66.7	mg/L	1	80	85	83	33 - 141

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC17791

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0976	98	85 - 115	1/31/02
Benzene		mg/L	0.10	0.0893	89	85 - 115	1/31/02
Toluene		mg/L	0.10	0.0929	93	85 - 115	1/31/02
Ethylbenzene		mg/L	0.10	0.0906	91	85 - 115	1/31/02
M,P,O-Xylene		mg/L	0.30	0.265	88	85 - 115	1/31/02

CCV (2)

QCBatch: QC17791

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.096	96	85 - 115	1/31/02
Benzene		mg/L	0.10	0.086	86	85 - 115	1/31/02
Toluene		mg/L	0.10	0.087	87	85 - 115	1/31/02
Ethylbenzene		mg/L	0.10	0.088	88	85 - 115	1/31/02
M,P,O-Xylene		mg/L	0.30	0.256	85	85 - 115	1/31/02

ICV (1) QCBatch: QC17791

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0927	93	85 - 115	1/31/02
Benzene		mg/L	0.10	0.0868	87	85 - 115	1/31/02
Toluene		mg/L	0.10	0.0878	88	85 - 115	1/31/02
Ethylbenzene		mg/L	0.10	0.0883	88	85 - 115	1/31/02
M,P,O-Xylene		mg/L	0.30	0.258	86	85 - 115	1/31/02

CCV (1) QCBatch: QC17823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.092	92	85 - 115	2/1/02
Benzene		mg/L	0.10	0.091	91	85 - 115	2/1/02
Toluene		mg/L	0.10	0.096	96	85 - 115	2/1/02
Ethylbenzene		mg/L	0.10	0.096	96	85 - 115	2/1/02
M,P,O-Xylene		mg/L	0.30	0.298	99	85 - 115	2/1/02

CCV (2) QCBatch: QC17823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.095	95	85 - 115	2/1/02
Benzene		mg/L	0.10	0.091	91	85 - 115	2/1/02
Toluene		mg/L	0.10	0.098	98	85 - 115	2/1/02
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	2/1/02
M,P,O-Xylene		mg/L	0.30	0.295	98	85 - 115	2/1/02

ICV (1) QCBatch: QC17823

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0966	97	85 - 115	2/1/02
Benzene		mg/L	0.10	0.0907	91	85 - 115	2/1/02
Toluene		mg/L	0.10	0.0951	95	85 - 115	2/1/02
Ethylbenzene		mg/L	0.10	0.0957	96	85 - 115	2/1/02
M,P,O-Xylene		mg/L	0.30	0.293	98	85 - 115	2/1/02

CCV (1) QCBatch: QC17964

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60	60.54	100	80 - 120	2/5/02
Acenaphthylene		mg/L	60	64.14	106	80 - 120	2/5/02
Acenaphthene		mg/L	60	62.42	104	80 - 120	2/5/02
Fluorene		mg/L	60	57.64	96	80 - 120	2/5/02
Phenanthrene		mg/L	60	62.31	103	80 - 120	2/5/02
Anthracene		mg/L	60	66.00	110	80 - 120	2/5/02
Fluoranthene		mg/L	60	61.04	101	80 - 120	2/5/02
Pyrene		mg/L	60	69.49	115	80 - 120	2/5/02
Benzo(a)anthracene		mg/L	60	64.83	108	0 - 120	2/5/02
Chrysene		mg/L	60	65.63	109	0 - 120	2/5/02
Benzo(b)fluoranthene		mg/L	60	55.45	92	80 - 120	2/5/02
Benzo(k)fluoranthene		mg/L	60	52.49	87	80 - 120	2/5/02
Benzo(a)pyrene		mg/L	60	60.11	100	80 - 120	2/5/02
Indeno(1,2,3-cd)pyrene		mg/L	60	67.27	112	80 - 120	2/5/02
Dibenzo(a,h)anthracene		mg/L	60	71.87	119	80 - 120	2/5/02
Benzo(g,h,i)perylene		mg/L	60	66.43	110	80 - 120	2/5/02
Nitrobenzene-d5		mg/L	60	48.94	81	80 - 120	2/5/02
2-Fluorobiphenyl		mg/L	60	53.71	89	80 - 120	2/5/02
Terphenyl-d14		mg/L	60	57.54	95	80 - 120	2/5/02

Summary Report

Kyle Landreneau
Equiva Kyle Landreneau
PMB 284 40 FM 1960 West
Houston, TX 77090

Report Date: April 17, 2002

Order ID Number: A02041508

Project: EQ-101
TA Job Code: Denton Station
Casualty Code: EQ-101
Project Location: Lea Co. New Mexico
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
194845	MW-2	Water	4/11/02	14:30	4/15/02
194846	MW-6	Water	4/11/02	13:40	4/15/02
194847	MW-8	Water	4/11/02	14:10	4/15/02
194848	MW-9	Water	4/11/02	13:50	4/15/02
194849	MW-10	Water	4/11/02	15:00	4/15/02
194850	MW-11	Water	4/11/02	11:00	4/15/02
194851	MW-12	Water	4/11/02	11:35	4/15/02
194852	MW-13	Water	4/11/02	13:20	4/15/02
194853	MW-15	Water	4/11/02	12:00	4/15/02
194854	MW-16	Water	4/11/02	11:45	4/15/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX				
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)
194845 - MW-2	0.828	<0.010	<0.010	<0.010	0.828
194846 - MW-6	0.731	<0.100	<0.100	<0.100	0.731
194847 - MW-8	<0.001	<0.001	<0.001	<0.001	<0.001
194848 - MW-9	<0.001	<0.001	<0.001	<0.001	<0.001
194849 - MW-10	1.44	<0.050	0.139	0.0644	1.6434
194850 - MW-11	0.102	<0.005	<0.005	<0.005	0.102
194851 - MW-12	<0.001	<0.001	<0.001	<0.001	<0.001
194852 - MW-13	<0.001	<0.001	<0.001	<0.001	<0.001
194853 - MW-15	<0.001	<0.001	<0.001	<0.001	<0.001
194854 - MW-16	<0.001	<0.001	<0.001	<0.001	<0.001

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Kyle Landreneau
Equiva Kyle Landreneau
PMB 284 40 FM 1960 West
Houston, TX 77090

Report Date: April 17, 2002

Order ID Number: A02041508

Project: EQ-101
TA Job Code: Denton Station
Casualty Code: EQ-101
Project Location: Lea Co. New Mexico
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
194845	MW-2	Water	4/11/02	14:30	4/15/02
194846	MW-6	Water	4/11/02	13:40	4/15/02
194847	MW-8	Water	4/11/02	14:10	4/15/02
194848	MW-9	Water	4/11/02	13:50	4/15/02
194849	MW-10	Water	4/11/02	15:00	4/15/02
194850	MW-11	Water	4/11/02	11:00	4/15/02
194851	MW-12	Water	4/11/02	11:35	4/15/02
194852	MW-13	Water	4/11/02	13:20	4/15/02
194853	MW-15	Water	4/11/02	12:00	4/15/02
194854	MW-16	Water	4/11/02	11:45	4/15/02

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. Note: the RDL is equal to MQL for all organic analytes including TPH.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 194845 - MW-2

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.828	mg/L	10	0.001
Toluene		<0.010	mg/L	10	0.001
Ethylbenzene		<0.010	mg/L	10	0.001
M,P,O-Xylene		<0.010	mg/L	10	0.001
Total BTEX		0.828	mg/L	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0853	mg/L	10	0.10	85	70 - 130
4-BFB		0.0836	mg/L	10	0.10	83	70 - 130

Sample: 194846 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19589	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18857	Date Prepared:	4/15/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.731	mg/L	100	0.001
Toluene		<0.100	mg/L	100	0.001
Ethylbenzene		<0.100	mg/L	100	0.001
M,P,O-Xylene		<0.100	mg/L	100	0.001
Total BTEX		0.731	mg/L	100	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0862	mg/L	100	0.10	86	70 - 130
4-BFB		0.0882	mg/L	100	0.10	88	70 - 130

Sample: 194847 - MW-8

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19589	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18857	Date Prepared:	4/15/02

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		0.0924	mg/L	1	0.10	92	70 - 130
4-BFB		0.0916	mg/L	1	0.10	92	70 - 130

Sample: 194848 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

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		0.0869	mg/L	1	0.10	87	70 - 130
4-BFB		0.0861	mg/L	1	0.10	86	70 - 130

Sample: 194849 - MW-10

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		1.44	mg/L	50	0.001
Toluene		<0.050	mg/L	50	0.001
Ethylbenzene		0.139	mg/L	50	0.001
M,P,O-Xylene		0.0644	mg/L	50	0.001
Total BTEX		1.6434	mg/L	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0858	mg/L	50	0.10	85	70 - 130
4-BFB		0.0855	mg/L	50	0.10	85	70 - 130

Sample: 194850 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.102	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		0.102	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0873	mg/L	5	0.10	87	70 - 130
4-BFB		0.0845	mg/L	5	0.10	84	70 - 130

Sample: 194851 - MW-12

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

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		0.0944	mg/L	1	0.10	94	70 - 130
4-BFB		0.0907	mg/L	1	0.10	91	70 - 130

Sample: 194852 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

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		0.0792	mg/L	1	0.10	79	70 - 130
4-BFB		0.084	mg/L	1	0.10	84	70 - 130

Sample: 194853 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

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		0.0984	mg/L	1	0.10	98	70 - 130
4-BFB		0.0909	mg/L	1	0.10	91	70 - 130

Sample: 194854 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC19590	Date Analyzed:	4/15/02
Analyst:	DN	Preparation Method:	S 5030B	Prep Batch:	PB18858	Date Prepared:	4/15/02

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		0.0964	mg/L	1	0.10	96	70 - 130
4-BFB		0.0899	mg/L	1	0.10	90	70 - 130

Quality Control Report
Method Blank

Method Blank

QCBatch: QC19589

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	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0934	mg/L	1	0.10	93	70 - 130
4-BFB		0.0888	mg/L	1	0.10	89	70 - 130

Method Blank

QCBatch: QC19590

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	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.087	mg/L	1	0.10	87	70 - 130
4-BFB		0.085	mg/L	1	0.10	85	70 - 130

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC19589

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.104	0.105	mg/L	1	0.10	<0.001	104	1	70 - 130	20
Benzene	0.102	0.100	mg/L	1	0.10	<0.001	102	2	70 - 130	20
Toluene	0.102	0.101	mg/L	1	0.10	<0.001	102	1	70 - 130	20
Ethylbenzene	0.104	0.104	mg/L	1	0.10	<0.001	104	0	70 - 130	20
M,P,O-Xylene	0.308	0.308	mg/L	1	0.30	<0.001	103	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0997	0.098	mg/L	1	0.10	100	98	70 - 130
4-BFB	0.0988	0.0982	mg/L	1	0.10	99	98	70 - 130

Laboratory Control Spikes

QCBatch: QC19590

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0996	0.0936	mg/L	1	0.10	<0.001	100	6	70 - 130	20
Benzene	0.0954	0.0913	mg/L	1	0.10	<0.001	95	4	70 - 130	20
Toluene	0.0961	0.0913	mg/L	1	0.10	<0.001	96	5	70 - 130	20
Ethylbenzene	0.0978	0.0926	mg/L	1	0.10	<0.001	98	5	70 - 130	20
M,P,O-Xylene	0.291	0.276	mg/L	1	0.30	<0.001	97	5	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0899	0.0886	mg/L	1	0.10	90	89	70 - 130
4-BFB	0.0897	0.0877	mg/L	1	0.10	90	88	70 - 130

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC19589

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.101	101	85 - 115	4/15/02
Benzene		mg/L	0.10	0.0991	99	85 - 115	4/15/02
Toluene		mg/L	0.10	0.0995	100	85 - 115	4/15/02
Ethylbenzene		mg/L	0.10	0.100	100	85 - 115	4/15/02
M,P,O-Xylene		mg/L	0.30	0.298	99	85 - 115	4/15/02

CCV (2)

QCBatch: QC19589

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0923	92	85 - 115	4/15/02
Benzene		mg/L	0.10	0.088	88	85 - 115	4/15/02
Toluene		mg/L	0.10	0.0888	88	85 - 115	4/15/02
Ethylbenzene		mg/L	0.10	0.0904	90	85 - 115	4/15/02
M,P,O-Xylene		mg/L	0.30	0.2695	89	85 - 115	4/15/02

ICV (1)

QCBatch: QC19589

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0998	100	85 - 115	4/15/02
Benzene		mg/L	0.10	0.0934	93	85 - 115	4/15/02
Toluene		mg/L	0.10	0.0943	94	85 - 115	4/15/02
Ethylbenzene		mg/L	0.10	0.0969	97	85 - 115	4/15/02
M,P,O-Xylene		mg/L	0.30	0.289	96	85 - 115	4/15/02

CCV (1)

QCBatch: QC19590

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0942	94	85 - 115	4/15/02
Benzene		mg/L	0.10	0.0964	96	85 - 115	4/15/02
Toluene		mg/L	0.10	0.0972	97	85 - 115	4/15/02
Ethylbenzene		mg/L	0.10	0.0982	98	85 - 115	4/15/02
M,P,O-Xylene		mg/L	0.30	0.292	97	85 - 115	4/15/02

CCV (2)

QCBatch: QC19590

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0952	95	85 - 115	4/15/02
Benzene		mg/L	0.10	0.0938	93	85 - 115	4/15/02
Toluene		mg/L	0.10	0.0943	94	85 - 115	4/15/02
Ethylbenzene		mg/L	0.10	0.0952	95	85 - 115	4/15/02
M,P,O-Xylene		mg/L	0.30	0.2836	94	85 - 115	4/15/02

ICV (1)

QCBatch: QC19590

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.098	98	85 - 115	4/15/02
Benzene		mg/L	0.10	0.0963	96	85 - 115	4/15/02
Toluene		mg/L	0.10	0.0965	96	85 - 115	4/15/02
Ethylbenzene		mg/L	0.10	0.0977	98	85 - 115	4/15/02
M,P,O-Xylene		mg/L	0.30	0.290	97	85 - 115	4/15/02

TraceAnalysis, Inc. 6701 Aberdeen Ave., Suite 9 Lubbock, TX 79424-1515 (806) 794-1296

Summary Report

Kyle Landreneau
Equilon Kyle Landreneau
PMB 284 40 FM 1960 West
Houston, TX 77090

Report Date: May 6, 2002

Order ID Number: A02050218

Project: EQ-112
TA Job Code: Barber Ranch 3000109
Casualty Code: EQ-112
Project Location: Barber Lea County, New Mexico
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
196171	MW-1 (13-15')	Soil	4/30/02	13:05	5/2/02
196172	MW-1 (23-25')	Soil	4/30/02	13:25	5/2/02
196173	MW-2 (13-15')	Soil	4/30/02	16:12	5/2/02
196174	MW-2 (23-25')	Soil	4/30/02	16:50	5/2/02
196175	MW-3 (13-15')	Soil	4/30/02	11:25	5/2/02
196176	MW-3 (18-20')	Soil	4/30/02	11:30	5/2/02
196177	MW-4 (13-15')	Soil	4/30/02	17:00	5/2/02
196178	MW-4 (28-30')	Soil	4/30/02	17:30	5/2/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX					Extended TX1005			TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	M,P,O-Xylene	Total BTEX	C6-C12	>C12-C35	C6-C35	DRO	GRO
Sample - Field Code	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
196171 - MW-1 (13-15')	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<50.0	<50.0	<50.0	<1.00
196172 - MW-1 (23-25')	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<50.0	<50.0	<50.0	<1.00
196173 - MW-2 (13-15')	<0.500	<0.500	1.27	1.95	3.22	1020	2090	3110	2150	532
196174 - MW-2 (23-25')	<0.100	<0.100	2.15	7.14	9.29	690	1880	2570	1840	313
196175 - MW-3 (13-15')	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<50.0	<50.0	<50.0	<1.00
196176 - MW-3 (18-20')	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<50.0	<50.0	<50.0	<1.00
196177 - MW-4 (13-15')	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<50.0	<50.0	<50.0	<1.00
196178 - MW-4 (28-30')	<0.010	<0.010	<0.010	<0.010	<0.010	<50.0	<50.0	<50.0	<50.0	<1.00

This is only a summary. Please, refer to the complete report package for quality control data.

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

Kyle Landreneau
Equilon Kyle Landreneau
PMB 284 40 FM 1960 West
Houston, TX 77090

Report Date: May 6, 2002

Order ID Number: A02050218

Project: EQ-112
TA Job Code: Barber Ranch 3000109
Casualty Code: EQ-112
Project Location: Barber Lea County, New Mexico
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
196171	MW-1 (13-15')	Soil	4/30/02	13:05	5/2/02
196172	MW-1 (23-25')	Soil	4/30/02	13:25	5/2/02
196173	MW-2 (13-15')	Soil	4/30/02	16:12	5/2/02
196174	MW-2 (23-25')	Soil	4/30/02	16:50	5/2/02
196175	MW-3 (13-15')	Soil	4/30/02	11:25	5/2/02
196176	MW-3 (18-20')	Soil	4/30/02	11:30	5/2/02
196177	MW-4 (13-15')	Soil	4/30/02	17:00	5/2/02
196178	MW-4 (28-30')	Soil	4/30/02	17:30	5/2/02

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. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 196171 - MW-1 (13-15')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.756	mg/Kg	10	1	76	70 - 130
4-BFB	[1]	0.690	mg/Kg	10	1	69	70 - 130

Sample: 196171 - MW-1 (13-15')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		<50.0	mg/Kg	1	50
>C12-C35		<50.0	mg/Kg	1	50
C6-C35		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		141	mg/Kg	1	150	94	70 - 130

Sample: 196171 - MW-1 (13-15')

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC20096	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	3550 B	Prep Batch:	PB19256	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		122	mg/Kg	1	150	81	70 - 130

[1]Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.

Sample: 196171 - MW-1 (13-15')

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC20048	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		<1.00	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.961	mg/Kg	10	0.10	96	70 - 130
4-BFB		0.850	mg/Kg	10	0.10	85	70 - 130

Sample: 196172 - MW-1 (23-25')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.712	mg/Kg	10	1	71	70 - 130
4-BFB	[2]	0.655	mg/Kg	10	1	65	70 - 130

Sample: 196172 - MW-1 (23-25')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		<50.0	mg/Kg	1	50
>C12-C35		<50.0	mg/Kg	1	50
C6-C35		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		144	mg/Kg	1	150	96	70 - 130

Sample: 196172 - MW-1 (23-25')

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC20096	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	3550 B	Prep Batch:	PB19256	Date Prepared:	5/2/02

[2]Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		124	mg/Kg	1	150	83	70 - 130

Sample: 196172 - MW-1 (23-25')

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC20048	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		<1.00	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.01	mg/Kg	10	0.10	101	70 - 130
4-BFB		0.818	mg/Kg	10	0.10	82	70 - 130

Sample: 196173 - MW-2 (13-15')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.500	mg/Kg	500	0.001
Toluene		<0.500	mg/Kg	500	0.001
Ethylbenzene		1.27	mg/Kg	500	0.001
M,P,O-Xylene		1.95	mg/Kg	500	0.001
Total BTEX		3.22	mg/Kg	500	0.001
Test Comments	[3]	*	mg/Kg	1	

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	[4]	0.672	mg/Kg	10	1	67	70 - 130
4-BFB	[5]	7.40	mg/Kg	10	1	740	70 - 130

Sample: 196173 - MW-2 (13-15')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		1020	mg/Kg	5	50

Continued ...

[3]Sample diluted due to hydrocarbons beyond xylene. Sample has a Benzene concentration of less than 0.1183 which is the MDL.
[4]Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.
[5]High surrogate recovery due to matrix interference.

... *Continued* Sample: 196173 Analysis: Extended TX1005

Param	Flag	Result	Units	Dilution	RDL
>C12-C35		2090	mg/Kg	5	50
C6-C35		3110	mg/Kg	5	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		194	mg/Kg	1	150	129	70 - 130

Sample: 196173 - MW-2 (13-15')

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC20096 Date Analyzed: 5/5/02
Analyst: MM Preparation Method: 3550 B Prep Batch: PB19256 Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		2150	mg/Kg	5	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[6]	215	mg/Kg	5	150	143	70 - 130

Sample: 196173 - MW-2 (13-15')

Analysis: TPH GRO Analytical Method: 8015B QC Batch: QC20048 Date Analyzed: 5/2/02
Analyst: CG Preparation Method: 5035 Prep Batch: PB19215 Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		532	mg/Kg	500	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.28	mg/Kg	500	0.10	128	70 - 130
4-BFB	[7]	24.0	mg/Kg	500	0.10	2400	70 - 130

Sample: 196174 - MW-2 (23-25')

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC20047 Date Analyzed: 5/2/02
Analyst: CG Preparation Method: S 5035 Prep Batch: PB19215 Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.100	mg/Kg	100	0.001
Toluene		<0.100	mg/Kg	100	0.001
Ethylbenzene		2.15	mg/Kg	100	0.001
M,P,O-Xylene		7.14	mg/Kg	100	0.001
Total BTEX		9.29	mg/Kg	100	0.001
Test Comments	[8]	*	mg/Kg	1	

[6]Surrogate out of recovery limits due to high hydrocarbons. LCS, ICV, and CCV show the process is in control.
[7]High surrogate recovery due to peak interference.
[8]Sample diluted due to hydrocarbons beyond xylene. Sample has a Benzene concentration of less than 0.02366 which is the MDL.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	[9]	0.489	mg/Kg	50	1	48	70 - 130
4-BFB	[10]	3.86	mg/Kg	500	1	386	70 - 130

Sample: 196174 - MW-2 (23-25')

Analysis: Extended TX1005 | Analytical Method: TX1005 | QC Batch: QC20095 | Date Analyzed: 5/5/02
Analyst: MM | Preparation Method: N/A | Prep Batch: PB19255 | Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		690	mg/Kg	5	50
>C12-C35		1880	mg/Kg	5	50
C6-C35		2570	mg/Kg	5	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		194	mg/Kg	1	150	129	70 - 130

Sample: 196174 - MW-2 (23-25')

Analysis: TPH DRO | Analytical Method: Mod. 8015B | QC Batch: QC20096 | Date Analyzed: 5/5/02
Analyst: MM | Preparation Method: 3550 B | Prep Batch: PB19256 | Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		1840	mg/Kg	5	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[11]	215	mg/Kg	5	150	143	70 - 130

Sample: 196174 - MW-2 (23-25')

Analysis: TPH GRO | Analytical Method: 8015B | QC Batch: QC20048 | Date Analyzed: 5/2/02
Analyst: CG | Preparation Method: 5035 | Prep Batch: PB19215 | Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		313	mg/Kg	100	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT	[12]	0.0211	mg/Kg	100	0.10	2	70 - 130
4-BFB	[13]	11	mg/Kg	100	0.10	1100	70 - 130

[9]Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.
[10]High surrogate recovery due to peak interference.
[11]Surrogate out of recovery limits due to high hydrocarbons. LCS, ICV, and CCV show the process is in control.
[12]Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.
[13]High surrogate recovery due to peak interference.

Sample: 196175 - MW-3 (13-15')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.721	mg/Kg	10	1	72	70 - 130
4-BFB	[14]	0.697	mg/Kg	10	1	69	70 - 130

Sample: 196175 - MW-3 (13-15')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		<50.0	mg/Kg	1	50
>C12-C35		<50.0	mg/Kg	1	50
C6-C35		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	150	93	70 - 130

Sample: 196175 - MW-3 (13-15')

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC20096	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	3550 B	Prep Batch:	PB19256	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		122	mg/Kg	1	150	81	70 - 130

Sample: 196175 - MW-3 (13-15')

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC20048	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

[14] Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.

Param	Flag	Result	Units	Dilution	RDL
GRO		<1.00	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.09	mg/Kg	10	0.10	109	70 - 130
4-BFB		0.858	mg/Kg	10	0.10	86	70 - 130

Sample: 196176 - MW-3 (18-20')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.790	mg/Kg	10	1	79	70 - 130
4-BFB		0.751	mg/Kg	10	1	75	70 - 130

Sample: 196176 - MW-3 (18-20')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		<50.0	mg/Kg	1	50
>C12-C35		<50.0	mg/Kg	1	50
C6-C35		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		145	mg/Kg	1	150	97	70 - 130

Sample: 196176 - MW-3 (18-20')

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC20096	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	3550 B	Prep Batch:	PB19256	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		125	mg/Kg	1	150	83	70 - 130

Sample: 196176 - MW-3 (18-20')

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC20048	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		<1.00	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.20	mg/Kg	10	0.10	120	70 - 130
4-BFB		0.916	mg/Kg	10	0.10	92	70 - 130

Sample: 196177 - MW-4 (13-15')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.7	mg/Kg	10	1	70	70 - 130
4-BFB	[15]	0.645	mg/Kg	10	1	64	70 - 130

Sample: 196177 - MW-4 (13-15')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		<50.0	mg/Kg	1	50
>C12-C35		<50.0	mg/Kg	1	50
C6-C35		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		143	mg/Kg	1	150	95	70 - 130

[15]Low surrogate recovery due to matrix interference. ICV, CCV, CCV shows the method to be in control.

Sample: 196177 - MW-4 (13-15')

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	QC Batch:	QC20096	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	3550 B	Prep Batch:	PB19256	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		124	mg/Kg	1	150	83	70 - 130

Sample: 196177 - MW-4 (13-15')

Analysis:	TPH GRO	Analytical Method:	8015B	QC Batch:	QC20048	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		<1.00	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.13	mg/Kg	10	0.10	113	70 - 130
4-BFB		0.812	mg/Kg	10	0.10	81	70 - 130

Sample: 196178 - MW-4 (28-30')

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC20047	Date Analyzed:	5/2/02
Analyst:	CG	Preparation Method:	S 5035	Prep Batch:	PB19215	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.010	mg/Kg	10	0.001
Toluene		<0.010	mg/Kg	10	0.001
Ethylbenzene		<0.010	mg/Kg	10	0.001
M,P,O-Xylene		<0.010	mg/Kg	10	0.001
Total BTEX		<0.010	mg/Kg	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.788	mg/Kg	10	1	79	70 - 130
4-BFB		0.755	mg/Kg	10	1	75	70 - 130

Sample: 196178 - MW-4 (28-30')

Analysis:	Extended TX1005	Analytical Method:	TX1005	QC Batch:	QC20095	Date Analyzed:	5/5/02
Analyst:	MM	Preparation Method:	N/A	Prep Batch:	PB19255	Date Prepared:	5/2/02

Param	Flag	Result	Units	Dilution	RDL
C6-C12		<50.0	mg/Kg	1	50

Continued ...

... *Continued* Sample: 196178 Analysis: Extended TX1005

Param	Flag	Result	Units	Dilution	RDL
>C12-C35		<50.0	mg/Kg	1	50
C6-C35		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		158	mg/Kg	1	150	105	70 - 130

Sample: 196178 - MW-4 (28-30')

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC20096 Date Analyzed: 5/5/02
Analyst: MM Preparation Method: 3550 B Prep Batch: PB19256 Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
DRO		<50.0	mg/Kg	1	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		135	mg/Kg	1	150	90	70 - 130

Sample: 196178 - MW-4 (28-30')

Analysis: TPH GRO Analytical Method: 8015B QC Batch: QC20048 Date Analyzed: 5/2/02
Analyst: CG Preparation Method: 5035 Prep Batch: PB19215 Date Prepared: 5/2/02

Param	Flag	Result	Units	Dilution	RDL
GRO		<1.00	mg/Kg	10	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.16	mg/Kg	10	0.10	116	70 - 130
4-BFB		0.905	mg/Kg	10	0.10	90	70 - 130

Quality Control Report
Method Blank

Method Blank

QCBatch: QC20047

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.010	mg/Kg	0.001
Toluene		<0.010	mg/Kg	0.001
Ethylbenzene		<0.010	mg/Kg	0.001
M,P,O-Xylene		<0.010	mg/Kg	0.001
Total BTEX		<0.010	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.886	mg/Kg	10	1	89	70 - 130
4-BFB	[16]	0.585	mg/Kg	10	1	58	70 - 130

Method Blank

QCBatch: QC20048

Param	Flag	Results	Units	Reporting Limit
GRO		<1	mg/Kg	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.01	mg/Kg	10	0.10	101	70 - 130
4-BFB		0.736	mg/Kg	10	0.10	74	70 - 130

Method Blank

QCBatch: QC20095

Param	Flag	Results	Units	Reporting Limit
C6-C12		<50.0	mg/Kg	50
>C12-C35		<50.0	mg/Kg	50
C6-C35		<50.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		141	mg/Kg	1	150	94	70 - 130

Method Blank

QCBatch: QC20096

[16]Low surrogate recovery due to prep. ICV, CCV, CCV shows the method to be in control.

Param	Flag	Results	Units	Reporting Limit
DRO		<50.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		122	mg/Kg	1	150	81	70 - 130

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC20047

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.906	0.926	mg/Kg	10	1	<0.010	91	2	70 - 130	20
Benzene	0.929	0.935	mg/Kg	10	1	<0.010	93	1	70 - 130	20
Toluene	0.926	0.935	mg/Kg	10	1	<0.010	93	1	70 - 130	20
Ethylbenzene	0.932	0.936	mg/Kg	10	1	<0.010	93	0	70 - 130	20
M,P,O-Xylene	2.70	2.85	mg/Kg	10	3	<0.010	90	5	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.900	0.900	mg/Kg	10	1	90	90	70 - 130
4-BFB	0.770	0.841	mg/Kg	10	1	77	84	70 - 130

Laboratory Control Spikes

QCBatch: QC20048

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
GRO	11.1	11.6	mg/Kg	10	1	<1	111	4	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	1.06	1.08	mg/Kg	10	0.10	106	108	70 - 130
4-BFB	0.947	0.958	mg/Kg	10	0.10	95	76	70 - 130

Laboratory Control Spikes

QCBatch: QC20095

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
C6-C12	224	224	mg/Kg	1	250	<50.0	89	0	70 - 130	20

Continued ...

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Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
>C12-C35	225	225	mg/Kg	1	250	<50.0	90	0	70 - 130	20
C6-C35	449	449	mg/Kg	1	500	<50.0	89	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
n-Triacontane	142	141	mg/Kg	1	150	95	94	70 - 130

Laboratory Control Spikes

QCBatch: QC20096

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	251	251	mg/Kg	1	250	<50.0	100	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
n-Triacontane	121	120	mg/Kg	1	150	81	80	70 - 130

Quality Control Report
Matrix Spikes and Duplicate Spikes

Matrix Spikes

QCBatch: QC20047

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Benzene	[17] 0.498	0.922	mg/Kg	10	1	<0.010	49	59	70 - 130	20
Toluene	[18] 0.474	0.881	mg/Kg	10	1	<0.010	47	60	70 - 130	20
Ethylbenzene	[19] 0.49	0.94	mg/Kg	10	1	<0.010	49	62	70 - 130	20
M,P,O-Xylene	[20] 1.5	2.86	mg/Kg	10	3	<0.010	50	62	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
TFT	[21] 0.469	0.851	mg/Kg	10	1	46	85	70 - 130
4-BFB	[22] 0.454	0.818	mg/Kg	10	1	45	81	70 - 130

[17]Low MS recovery due to prep. LCS, LCSD, MSD show the method to be in control.
[18]Low MS recovery due to prep. LCS, LCSD, MSD show the method to be in control.
[19]Low MS recovery due to prep. LCS, LCSD, MSD show the method to be in control.
[20]Low MS recovery due to prep. LCS, LCSD, MSD show the method to be in control.
[21]Low MS recovery due to prep. LCS, LCSD, MSD show the method to be in control.
[22]Low MS recovery due to prep. LCS, LCSD, MSD show the method to be in control.

Matrix Spikes

QCBatch: QC20048

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
GRO	9.69	8.26	mg/Kg	10	1	<1.00	87	15	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
TFT	0.733	0.786	mg/Kg	10	0.10	73	79	70 - 130
4-BFB	0.744	0.938	mg/Kg	10	0.10	74	94	70 - 130

Matrix Spikes

QCBatch: QC20095

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
C6-C12	199	195	mg/Kg	1	250	<50.0	79	2	70 - 130	20
>C12-C35	204	214	mg/Kg	1	250	<50.0	81	4	70 - 130	20
C6-C35	403	409	mg/Kg	1	500	<50.0	80	1	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
n-Triacontane	135	143	mg/Kg	1	150	90	95	70 - 130

Matrix Spikes

QCBatch: QC20096

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	227	224	mg/Kg	1	250	<50.0	91	1	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dilution	Spike Amount	MS % Rec	MSD % Rec	Recovery Limits
n-Triacontane	115	122	mg/Kg	1	150	77	81	70 - 130

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC20047

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.100	100	85 - 115	5/2/02
Benzene		mg/L	0.10	0.0911	91	85 - 115	5/2/02
Toluene		mg/L	0.10	0.0927	93	85 - 115	5/2/02
Ethylbenzene		mg/L	0.10	0.093	93	85 - 115	5/2/02
M,P,O-Xylene		mg/L	0.30	0.282	94	85 - 115	5/2/02

CCV (2)

QCBatch: QC20047

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.1028	102	85 - 115	5/2/02
Benzene		mg/L	0.10	0.0921	92	85 - 115	5/2/02
Toluene		mg/L	0.10	0.0936	93	85 - 115	5/2/02
Ethylbenzene		mg/L	0.10	0.0939	93	85 - 115	5/2/02
M,P,O-Xylene		mg/L	0.30	0.2841	94	85 - 115	5/2/02

ICV (1)

QCBatch: QC20047

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0875	88	85 - 115	5/2/02
Benzene		mg/L	0.10	0.092	92	85 - 115	5/2/02
Toluene		mg/L	0.10	0.0936	94	85 - 115	5/2/02
Ethylbenzene		mg/L	0.10	0.087	87	85 - 115	5/2/02
M,P,O-Xylene		mg/L	0.30	0.282	94	85 - 115	5/2/02

CCV (1)

QCBatch: QC20048

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	0.877	87	85 - 115	5/2/02

ICV (1)

QCBatch: QC20048

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1	0.895	89	85 - 115	5/2/02

CCV (1) QCBatch: QC20095

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
C6-C12		mg/Kg	250	243	97	70 - 130	5/5/02
>C12-C35		mg/Kg	250	244	97	70 - 130	5/5/02
C6-C35		mg/Kg	500	487	97	70 - 130	5/5/02

CCV (2) QCBatch: QC20095

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
C6-C12		mg/Kg	250	224	89	70 - 130	5/5/02
>C12-C35		mg/Kg	250	228	91	70 - 130	5/5/02
C6-C35		mg/Kg	500	452	90	70 - 130	5/5/02

ICV (1) QCBatch: QC20095

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
C6-C12		mg/Kg	250	224	89	75 - 125	5/5/02
>C12-C35		mg/Kg	250	225	90	75 - 125	5/5/02
C6-C35		mg/Kg	500	449	89	75 - 125	5/5/02

CCV (1) QCBatch: QC20096

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	271	108	75 - 125	5/5/02

CCV (2) QCBatch: QC20096

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	254	101	75 - 125	5/5/02

ICV (1) QCBatch: QC20096

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	251	100	75 - 125	5/5/02

6701 Aberdeen Avenue, Ste. 9
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TraceAnalysis, Inc.

155 McCutcheon,Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A02041508

Company Name: Enercon Services Inc
Phone #: 915-570-8726
Address: (Street, City, Zip) 306 West Wall, Suite 1312 Midland, Tx 79701
Fax #: 915-684-7587
Contact Person: Jeffrey Kindley
Invoice to: (If different from above) Kyle Landowner EQUIVA SERVICES
Incident # 97236397
Project #: EQ-101
Project Name: Denton
Project Location: Denton, Lea Co. New Mexico
Sampler Signature: Jeffrey Kindley

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH						Turn Around Time if different from standard	Hold
194845	MW-2	2	40ml	✓				✓						04/11/02	1430	✓																					
46	MW-6	2	40ml	✓				✓						04/11/02	1340	✓																					
47	MW-8	2	40ml	✓				✓						04/11/02	1410	✓																					
48	MW-9	2	40ml	✓				✓						04/11/02	1350	✓																					
49	MW-10	2	40ml	✓				✓						04/11/02	1500	✓																					
50	MW-11	2	40ml	✓				✓						04/11/02	1100	✓																					
51	MW-12	2	40ml	✓				✓						04/11/02	1135	✓																					
52	MW-13	2	40ml	✓				✓						04/11/02	1320	✓																					
53	MW-15	2	40ml	✓				✓						04/11/02	1200	✓																					
54	MW-16	2	40ml	✓				✓						04/11/02	1145	✓																					

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Jeffrey Kindley	04/12/02	1200	Helen Shelton	4/12/02	1200
Helen Shelton	4/12/02	830	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Lisa Hunt	4/13/02	9:30

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review MM

REMARKS: Normal

☐ Check If Special Reporting Limits Are Needed

Carrier # Stevens 48140

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 20 samples - HS

ORIGINAL COPY

Summary Report

Kyle Landreneau
Equiva Kyle Landreneau
PMB 284 40 FM 1960 West
Houston, TX 77090

Report Date: July 12, 2002

Order ID Number: A02070914

Project: EQ-101
TA Job Code: Denton Station
Casualty Code: EQ-101
Project Location: Lea Co. New Mexico
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
201059	MW-2	Water	7/5/02	9:56	7/9/02
201060	MW-11	Water	7/5/02	10:30	7/9/02
201061	MW-12	Water	7/5/02	11:00	7/9/02
201062	MW-13	Water	7/5/02	11:40	7/9/02
201063	MW-15	Water	7/5/02	12:10	7/9/02
201064	MW-16	Water	7/5/02	13:40	7/9/02
201065	MW-9	Water	7/5/02	15:00	7/9/02
201066	MW-6	Water	7/5/02	16:00	7/9/02

0 This report consists of a total of 1 page(s) and is intended only as a summary of results for the sample(s) listed above.

	BTEX				
Sample - Field Code	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)
201059 - MW-2	0.549	<0.005	<0.005	<0.005	0.549
201060 - MW-11	<0.005	<0.005	<0.005	<0.005	<0.005
201061 - MW-12	<0.001	<0.001	<0.001	<0.001	<0.001
201062 - MW-13	<0.001	<0.001	<0.001	<0.001	<0.001
201063 - MW-15	<0.001	<0.001	<0.001	<0.001	<0.001
201064 - MW-16	<0.001	<0.001	<0.001	<0.001	<0.001
201065 - MW-9	<0.001	<0.001	<0.001	<0.001	<0.001
201066 - MW-6	0.565	<0.050	<0.050	0.0864	0.651

This is only a summary. Please, refer to the complete report package for quality control data.

TRACEANALYSIS, INC.

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155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Kyle Landreneau
Equiva Kyle Landreneau
PMB 284 40 FM 1960 West
Houston, TX 77090

Report Date: July 12, 2002

Order ID Number: A02070914

Project: EQ-101
TA Job Code: Denton Station
Casualty Code: EQ-101
Project Location: Lea Co. New Mexico
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
201059	MW-2	Water	7/5/02	9:56	7/9/02
201060	MW-11	Water	7/5/02	10:30	7/9/02
201061	MW-12	Water	7/5/02	11:00	7/9/02
201062	MW-13	Water	7/5/02	11:40	7/9/02
201063	MW-15	Water	7/5/02	12:10	7/9/02
201064	MW-16	Water	7/5/02	13:40	7/9/02
201065	MW-9	Water	7/5/02	15:00	7/9/02
201066	MW-6	Water	7/5/02	16:00	7/9/02

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. Note: the RDL is equal to MQL for all organic analytes including TPH.
The test results contained within this report meet all requirements of LAC 33:I unless otherwise noted.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 201059 - MW-2

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21795	Date Analyzed:	7/11/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20645	Date Prepared:	7/11/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.549	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		0.549	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.093	mg/L	5	0.10	93	70 - 130
4-BFB		0.089	mg/L	5	0.10	88	70 - 130

Sample: 201060 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21795	Date Analyzed:	7/11/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20645	Date Prepared:	7/11/02

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		0.089	mg/L	5	0.10	89	70 - 130
4-BFB		0.085	mg/L	5	0.10	84	70 - 130

Sample: 201061 - MW-12

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21756	Date Analyzed:	7/9/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20614	Date Prepared:	7/9/02

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		0.108	mg/L	1	0.10	108	70 - 130
4-BFB		0.108	mg/L	1	0.10	108	70 - 130

Sample: 201062 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21756	Date Analyzed:	7/9/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20614	Date Prepared:	7/9/02

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		0.109	mg/L	1	0.10	109	70 - 130
4-BFB		0.108	mg/L	1	0.10	108	70 - 130

Sample: 201063 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21756	Date Analyzed:	7/9/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20614	Date Prepared:	7/9/02

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		0.105	mg/L	1	0.10	105	70 - 130
4-BFB		0.106	mg/L	1	0.10	106	70 - 130

Sample: 201064 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21756	Date Analyzed:	7/9/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20614	Date Prepared:	7/9/02

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		0.105	mg/L	1	0.10	105	70 - 130
4-BFB		0.105	mg/L	1	0.10	105	70 - 130

Sample: 201065 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21756	Date Analyzed:	7/9/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20614	Date Prepared:	7/9/02

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		0.106	mg/L	1	0.10	106	70 - 130
4-BFB		0.105	mg/L	1	0.10	105	70 - 130

Sample: 201066 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC21756	Date Analyzed:	7/9/02
Analyst:	CG	Preparation Method:	S 5030B	Prep Batch:	PB20614	Date Prepared:	7/9/02

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.565	mg/L	50	0.001
Toluene		<0.050	mg/L	50	0.001
Ethylbenzene		<0.050	mg/L	50	0.001
M,P,O-Xylene		0.0864	mg/L	50	0.001
Total BTEX		0.651	mg/L	50	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.101	mg/L	50	0.10	101	70 - 130
4-BFB		0.101	mg/L	50	0.10	101	70 - 130

Quality Control Report
Method Blank

Method Blank

QCBatch: QC21756

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	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.102	mg/L	1	0.10	102	70 - 130
4-BFB		0.101	mg/L	1	0.10	101	70 - 130

Method Blank

QCBatch: QC21795

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	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0946	mg/L	1	0.10	95	70 - 130
4-BFB		0.0886	mg/L	1	0.10	89	70 - 130

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC21756

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.097	0.0958	mg/L	1	0.10	<0.001	97	1	70 - 130	20
Benzene	0.0965	0.0962	mg/L	1	0.10	<0.001	96	0	70 - 130	20
Toluene	0.0955	0.0952	mg/L	1	0.10	<0.001	96	0	70 - 130	20
Ethylbenzene	0.0989	0.100	mg/L	1	0.10	<0.001	99	1	70 - 130	20
M,P,O-Xylene	0.295	0.296	mg/L	1	0.30	<0.001	98	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.106	0.104	mg/L	1	0.10	106	104	70 - 130
4-BFB	0.109	0.109	mg/L	1	0.10	109	109	70 - 130

Laboratory Control Spikes

QCBatch: QC21795

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.100	0.0982	mg/L	1	0.10	<0.001	100	2	70 - 130	20
Benzene	0.101	0.0979	mg/L	1	0.10	<0.001	101	3	70 - 130	20
Toluene	0.0994	0.0961	mg/L	1	0.10	<0.001	99	3	70 - 130	20
Ethylbenzene	0.100	0.0992	mg/L	1	0.10	<0.001	100	1	70 - 130	20
M,P,O-Xylene	0.298	0.292	mg/L	1	0.30	<0.001	99	2	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0952	0.0906	mg/L	1	0.10	95	91	70 - 130
4-BFB	0.0921	0.0897	mg/L	1	0.10	92	90	70 - 130

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC21756

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.100	100	85 - 115	7/9/02
Benzene		mg/L	0.10	0.0989	99	85 - 115	7/9/02
Toluene		mg/L	0.10	0.0982	98	85 - 115	7/9/02
Ethylbenzene		mg/L	0.10	0.101	101	85 - 115	7/9/02
M,P,O-Xylene		mg/L	0.30	0.301	100	85 - 115	7/9/02

CCV (2)

QCBatch: QC21756

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0952	95	85 - 115	7/9/02
Benzene		mg/L	0.10	0.0952	95	85 - 115	7/9/02
Toluene		mg/L	0.10	0.0953	95	85 - 115	7/9/02
Ethylbenzene		mg/L	0.10	0.0986	98	85 - 115	7/9/02
M,P,O-Xylene		mg/L	0.30	0.296	98	85 - 115	7/9/02

ICV (1) QCBatch: QC21756

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0952	95	85 - 115	7/9/02
Benzene		mg/L	0.10	0.095	95	85 - 115	7/9/02
Toluene		mg/L	0.10	0.0945	94	85 - 115	7/9/02
Ethylbenzene		mg/L	0.10	0.0982	98	85 - 115	7/9/02
M,P,O-Xylene		mg/L	0.30	0.294	98	85 - 115	7/9/02

CCV (1) QCBatch: QC21795

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0978	98	85 - 115	7/11/02
Benzene		mg/L	0.10	0.0986	99	85 - 115	7/11/02
Toluene		mg/L	0.10	0.0974	97	85 - 115	7/11/02
Ethylbenzene		mg/L	0.10	0.099	99	85 - 115	7/11/02
M,P,O-Xylene		mg/L	0.30	0.291	97	85 - 115	7/11/02

CCV (2) QCBatch: QC21795

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0975	97	85 - 115	7/11/02
Benzene		mg/L	0.10	0.0959	95	85 - 115	7/11/02
Toluene		mg/L	0.10	0.094	94	85 - 115	7/11/02
Ethylbenzene		mg/L	0.10	0.0964	96	85 - 115	7/11/02
M,P,O-Xylene		mg/L	0.30	0.283	94	85 - 115	7/11/02

ICV (1) QCBatch: QC21795

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0978	98	85 - 115	7/11/02
Benzene		mg/L	0.10	0.100	100	85 - 115	7/11/02
Toluene		mg/L	0.10	0.0985	98	85 - 115	7/11/02
Ethylbenzene		mg/L	0.10	0.101	101	85 - 115	7/11/02
M,P,O-Xylene		mg/L	0.30	0.300	100	85 - 115	7/11/02

6701 Aberdeen Avenue, Ste. 9
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TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A0207091 4

Company Name: Enicon Services Inc.
Phone #: 915-570-8726
Address: (Street, City, Zip) 306 West Wall, Suite 1312, Midland, Tx 79701
Fax #: 915-684-7587
Contact Person: Jeff Kindley
Invoice to: (If different from above) Kyle Landreneau Equiva Services
Incident #
Project #: EQ-101
Project Name: Denton Station
Project Location: Lea County, New Mexico
Sampler Signature: Jeffrey Kindley

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
201059	MW-2	2	40ml	✓				✓						7/05/02	456		✓															
60	MW-11	2	40ml	✓				✓						7/5/02	1030		✓															
61	MW-12	2	40ml	✓				✓						7/5/02	1100		✓															
62	MW-13	2	40ml	✓				✓						7/5/02	1140		✓															
63	MW-15	2	40ml	✓				✓						7/5/02	1210		✓															
64	MW-16	2	40ml	✓				✓						7/5/02	1340		✓															
65	MW-9	2	40ml	✓				✓						7/5/02	1500		✓															
66	MW-6	2	40ml	✓				✓						7/5/03	1600		✓															

Relinquished by: Jeffrey Kindley Date: July 8 2002 Time: 0900
Received by: Helen Shelton Date: 7/08/02 Time: 0900

Relinquished by: Helen Shelton Date: 7/08/02 Time: 1830
Received by: Date: Time:

Relinquished by: Date: Time:
Received at Laboratory by: Vicki Olmsley Date: 7-9-02 Time: 10:...

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 3°
Log-in Review MB

REMARKS:
7/12 F

☐ Check If Special Reporting Limits Are Needed

Carrier # Greyhound GLI 163 566-841-9

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 16 samples - HS

ORIGINAL COPY

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INCORPORATED

10/12/02

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project EQ-101 DENTON STATION. The Laboratory Project number is 304489.
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
MW-2	02-A166567	10/ 7/02
MW-6	02-A166568	10/ 7/02
MW-9	02-A166569	10/ 7/02
MW-11	02-A166570	10/ 7/02
MW-12	02-A166571	10/ 7/02
MW-13	02-A166572	10/ 7/02
MW-15	02-A166573	10/ 7/02
MW-16	02-A166574	10/ 7/02

Report Approved By: Roxanne L Connor Report Date: 10/12/02

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166567
Sample ID: MW-2
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 11:00
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	0.102	mg/l	0.0010	1.0	10/11/02	5:47	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	5:47	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	5:47	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	5:47	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	93.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166568
Sample ID: MW-6
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 11:30
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	0.434	mg/l	0.0200	20.0	10/11/02	12:49	D.Yeager	8021B	4815
Ethylbenzene	0.0620	mg/l	0.0200	20.0	10/11/02	12:49	D.Yeager	8021B	4815
Toluene	ND	mg/l	0.0200	20.0	10/11/02	12:49	D.Yeager	8021B	4815
Xylenes (Total)	0.110	mg/l	0.0200	20.0	10/11/02	12:49	D.Yeager	8021B	4815

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166569
Sample ID: MW-9
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 12:10
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	mg/l	0.0010	1.0	10/11/02	6:51	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	6:51	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	6:51	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	6:51	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166570
Sample ID: MW-11
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 13:10
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	0.0204	mg/l	0.0010	1.0	10/11/02	7:22	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	7:22	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	7:22	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	7:22	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	101.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166571
Sample ID: MW-12
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 13:30
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	mg/l	0.0010	1.0	10/11/02	7:54	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	7:54	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	7:54	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	7:54	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166572
Sample ID: MW-13
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 14:10
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	mg/l	0.0010	1.0	10/11/02	8:26	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	8:26	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	8:26	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	8:26	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	107.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166573
Sample ID: MW-15
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 14:30
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	mg/l	0.0010	1.0	10/11/02	8:58	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	8:58	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	8:58	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	8:58	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

ENERCON SERVICES, INC. 10014
JEFFREY KINDLEY
306 WESTWALL, SUITE 1312
MIDLAND, TX 79701

Project: EQ-101
Project Name: DENTON STATION
Sampler: JEFFREY KINDLEY

Lab Number: 02-A166574
Sample ID: MW-16
Sample Type: Water
Site ID:

Date Collected: 10/ 7/02
Time Collected: 15:00
Date Received: 10/10/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	mg/l	0.0010	1.0	10/11/02	10:33	D.Yeager	8021B	3242
Ethylbenzene	ND	mg/l	0.0010	1.0	10/11/02	10:33	D.Yeager	8021B	3242
Toluene	ND	mg/l	0.0010	1.0	10/11/02	10:33	D.Yeager	8021B	3242
Xylenes (Total)	ND	mg/l	0.0010	1.0	10/11/02	10:33	D.Yeager	8021B	3242

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: EQ-101
Page: 1

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	< 0.0005	0.0480	0.0500	96	74. - 129.	3242	blank
Benzene	mg/l	< 0.0005	0.0503	0.0500	101	74. - 129.	4815	blank
Toluene	mg/l	< 0.0006	0.0485	0.0500	97	74. - 128.	3242	blank
Toluene	mg/l	< 0.0006	0.0495	0.0500	99	74. - 128.	4815	blank
Ethylbenzene	mg/l	< 0.0006	0.0487	0.0500	97	75. - 128.	3242	blank
Ethylbenzene	mg/l	< 0.0006	0.0497	0.0500	99	75. - 128.	4815	blank
Xylenes (Total)	mg/l	< 0.0010	0.0964	0.100	96	72. - 126.	3242	blank
Xylenes (Total)	mg/l	< 0.0010	0.0972	0.100	97	72. - 126.	4815	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				99	69. - 132.	3242	
BTEX/GRO Surr., a,a,a-TFT	% Recovery				100	69. - 132.	4815	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0480	0.0468	2.53	15.	3242
Benzene	mg/l	0.0503	0.0519	3.13	15.	4815
Toluene	mg/l	0.0485	0.0475	2.08	15.	3242
Toluene	mg/l	0.0495	0.0512	3.38	15.	4815
Ethylbenzene	mg/l	0.0487	0.0477	2.07	15.	3242
Ethylbenzene	mg/l	0.0497	0.0514	3.36	15.	4815
Xylenes (Total)	mg/l	0.0964	0.0946	1.88	19.	3242
Xylenes (Total)	mg/l	0.0972	0.100	2.84	19.	4815
BTEX/GRO Surr., a,a,a-TFT	% Recovery		100.			3242
BTEX/GRO Surr., a,a,a-TFT	% Recovery		99.			4815

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: EQ-101

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0904	90	74 - 124	3242
Benzene	mg/l	0.100	0.0957	96	74 - 124	4815
Toluene	mg/l	0.100	0.0897	90	74 - 121	3242
Toluene	mg/l	0.100	0.0944	94	74 - 121	4815
Ethylbenzene	mg/l	0.100	0.0895	90	75 - 123	3242
Ethylbenzene	mg/l	0.100	0.0949	95	75 - 123	4815
Xylenes (Total)	mg/l	0.200	0.177	88	72 - 120	3242
Xylenes (Total)	mg/l	0.200	0.186	93	72 - 120	4815
BTEX/GRO Surr., a,a,a-TFT	% Recovery			95	69 - 132	3242
BTEX/GRO Surr., a,a,a-TFT	% Recovery			98	69 - 132	4815

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.0005	mg/l	3242	10/11/02	4:44
Benzene	< 0.0005	mg/l	4815	10/11/02	6:00
Toluene	< 0.0006	mg/l	3242	10/11/02	4:44
Toluene	< 0.0006	mg/l	4815	10/11/02	6:00
Ethylbenzene	< 0.0006	mg/l	3242	10/11/02	4:44
Ethylbenzene	< 0.0006	mg/l	4815	10/11/02	6:00
Xylenes (Total)	< 0.0010	mg/l	3242	10/11/02	4:44
Xylenes (Total)	< 0.0010	mg/I	4815	10/11/02	6:00

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: EQ-101

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	106.	% Recovery	3242	10/11/02	4:44
BTEX/GRO Surr., a,a,a-TFT	103.	% Recovery	4815	10/11/02	6:00

- Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 304489

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Fax: 615-726-3404

304489

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Environ Services Inc. Client #: 1197 #10014
Address: 306 West Wall, Suite 1312
City/State/Zip Code: Midland, Texas 79701
Project Manager: Jeff Kindley
Telephone Number: 915-570-8726 Fax: 915-684-7587
Sampler Name: (Print Name) Jeffrey Kindley
Sampler Signature: Jeffrey Kindley

Project Name: Denton Station (Equiva Services)
Project #: EQ-101 Icident # 97236397
Site/Location ID: Lovington, Lea County State: New Mexico
Report To: Jeffrey Kindley
Invoice To: Kyle Landreneau / Equiva Services, Inc
Quote #: PO#:

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: BTEX 8021B	QC Deliverables: None / Level 2 (Batch QC) / Level 3 / Level 4 / Other	REMARKS
MW-2	10/07/02	1100	G		GW		✓						✓		166567
MW-6	10/07/02	1130	G		GW		✓						✓		568
MW-9	10/07/02	1210	G		GW		✓						✓		569
MW-11	10/07/02	1310	G		GW		✓						✓		570
MW-12	10/07/02	1330	G		GW		✓						✓		571
MW-13	10/07/02	1410	G		GW		✓						✓		572
MW-15	10/07/02	1430	G		GW		✓						✓		573
MW-16	10/07/02	1500	G		GW		✓						✓		574

Special Instructions:
Normal Turnaround

Relinquished By: Jeffrey Kindley	Date: 10/09/02	Time: 0800	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 10/10	Time: 9:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: