1R - 240

REPORTS

DATE:

2002

1R240

ENERCON SERVICES, INC.
An Employee Owned Company

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

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MAR 18 2002

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

March 12, 2002

Mr. Kyle Landreneau
Equiva Services L.L.C.
SHE/Science & Engineering
PMB 284
40 FM 1960 West
Houston, Texas 77090

RE: 2001 ANNUAL GROUNDWATER MONITORING REPORT
JANUARY THROUGH DECEMBER 2001
LEA STATION
LEA COUNTY, NEW MEXICO

Mr. Landreneau:

This report details the groundwater monitoring activities at Lea Station from January 1, 2001 through December 31, 2001. The site is located south of Monument, on State Highway 8, 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 a groundwater plume apparently originating from a subsurface crude oil pipeline

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, 2001 through December 31, 2001. 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.

Phase-separated hydrocarbons were detected during each monitoring event in monitor well MW-2 and were detected periodically in monitor wells MW-1, MW-3, MW-4, MW-11, and recovery well RW-2. Monitor well MW-2 consistently exhibited the greatest thickness of PSH with an average of 0.79 feet.

Depth to groundwater ranged across the site from 27.33 feet in monitor well MW-9 to 37.44 feet below top of casing (TOC) in monitor well MW-10. Groundwater table elevation fluctuated from a minimum of 2.15 feet during the year in MW-6 to a maximum of 5.11 feet in MW-3, with an average fluctuation of 3.3 feet across the site. Groundwater at the site was determined to flow to the east, in the eastern half of the site, then to the southeast and south near the western potion of the site. Figure 2 illustrates the groundwater gradient based on the latest gauging event (October 3, 2001).

GROUNDWATER SAMPLING

On January 3, 2001 Enercon conducted the first quarterly groundwater monitoring event. Groundwater samples were collected from monitor wells MW-4, MW-5, MW-6, MW-7, and MW-10 and analyzed for BTEX (Method 8021B) and PAH (Method 8270C). Laboratory analytical results indicated concentrations of BTEX were below laboratory detectable limits. Laboratory analytical results indicated PAH concentrations of 0.017 mg/l total Napthalenes from monitor well MW-6. All other groundwater samples analyzed resulted in concentrations below laboratory detectable limits.

On April 5, 2001, the second quarterly groundwater sampling event was performed. Groundwater samples were collected from monitor wells MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, and MW-13, and analyzed for BTEX (Method 8021B). Laboratory analytical results indicated concentrations of 0.006 mg/l benzene from monitor well MW-4. Laboratory analytical results indicated concentrations of 0.007 mg/l benzene, 0.013 mg/l ethylbenzene, and 0.033 mg/l xylenes from monitor well MW-6. Laboratory analytical results indicated concentrations of 0.006 mg/l benzene, 0.012 mg/l toluene, 0.013 mg/l ethylbenzene, and 0.034 mg/l xylenes from monitor well MW-7. Laboratory analytical results indicated concentrations of 0.006 mg/l toluene from monitor well MW-10. Laboratory analytical results indicated concentrations of 2.180 mg/l benzene, 0.596 mg/l ethylbenzene, and 0.268 mg/l xylenes from monitor well MW-11. Laboratory analytical results indicated concentrations of 0.195 mg/l benzene and 0.022 mg/l ethylbenzene, from monitor well MW-12. Laboratory analytical results also indicated concentrations of 0.009 mg/l benzene from monitor well MW-13. All other groundwater samples were below laboratory detectable limits.

On July 10, 2001, the third quarterly groundwater samples were collected from monitor wells MW-4, MW-5, MW-6, MW-7, MW-9, and MW-10, and analyzed for BTEX (Method 8021B). All groundwater samples were below laboratory detectable limits.

On October 3, 2001, the fourth quarterly groundwater samples were collected from monitor wells MW-4, MW-5, MW-6, MW-7, MW-9, and MW-10, and analyzed for BTEX (Method 8021B). Laboratory analytical results indicated concentrations of 0.010

mg/l benzene from monitor well MW-10. All remaining groundwater samples were below laboratory detectable limits.

Laboratory analytical results indicated concentrations of PAH in MW-6. All other PAH concentrations from all other groundwater samples were below laboratory detectable limits. Laboratory analytical results indicated concentrations of benzene ranging from 0.006 mg/l in monitor wells MW-4 and MW-7 to 2.180 mg/l in MW-11. Laboratory analytical results indicated concentrations of toluene ranging from 0.006 mg/l in MW-10 to 0.012 mg/l in MW-7. Laboratory analytical results indicated concentrations of ethylbenzene ranging from 0.013 in monitor wells MW-6 and MW-7 to 0.596 in MW-11. Laboratory analytical results indicated concentrations of xylenes ranging from 0.033 in monitor well MW-6 to 0.268 in MW-11. All other BTEX concentrations from all other groundwater samples were below laboratory detectable limits. Laboratory analytical results are summarized in Table 2 of this report.

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.

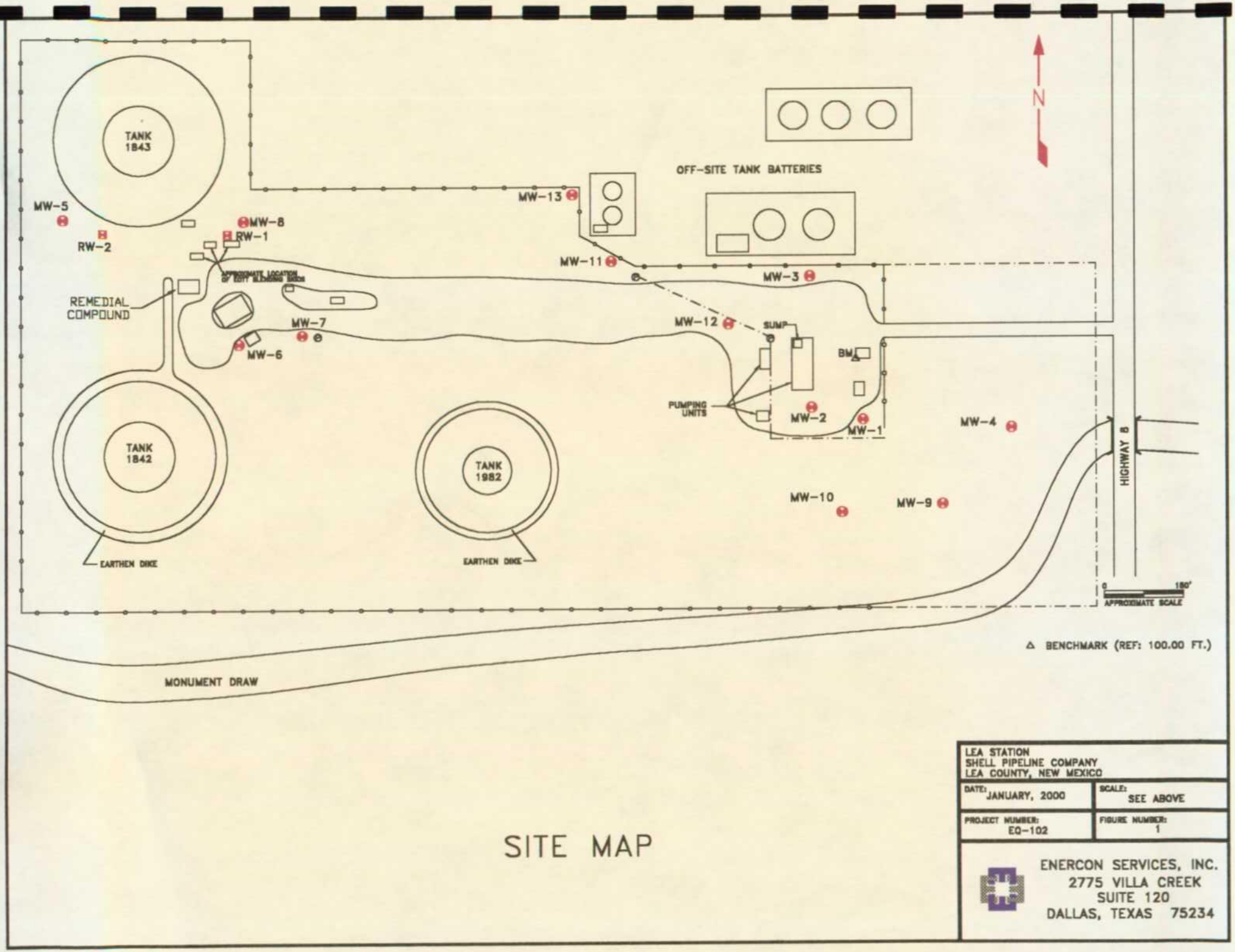
Respectfully,
Enercon Services, Inc.

Bennett C. Howell, III, P.E.
Senior Project Manager

ATTACHMENT A

FIGURES

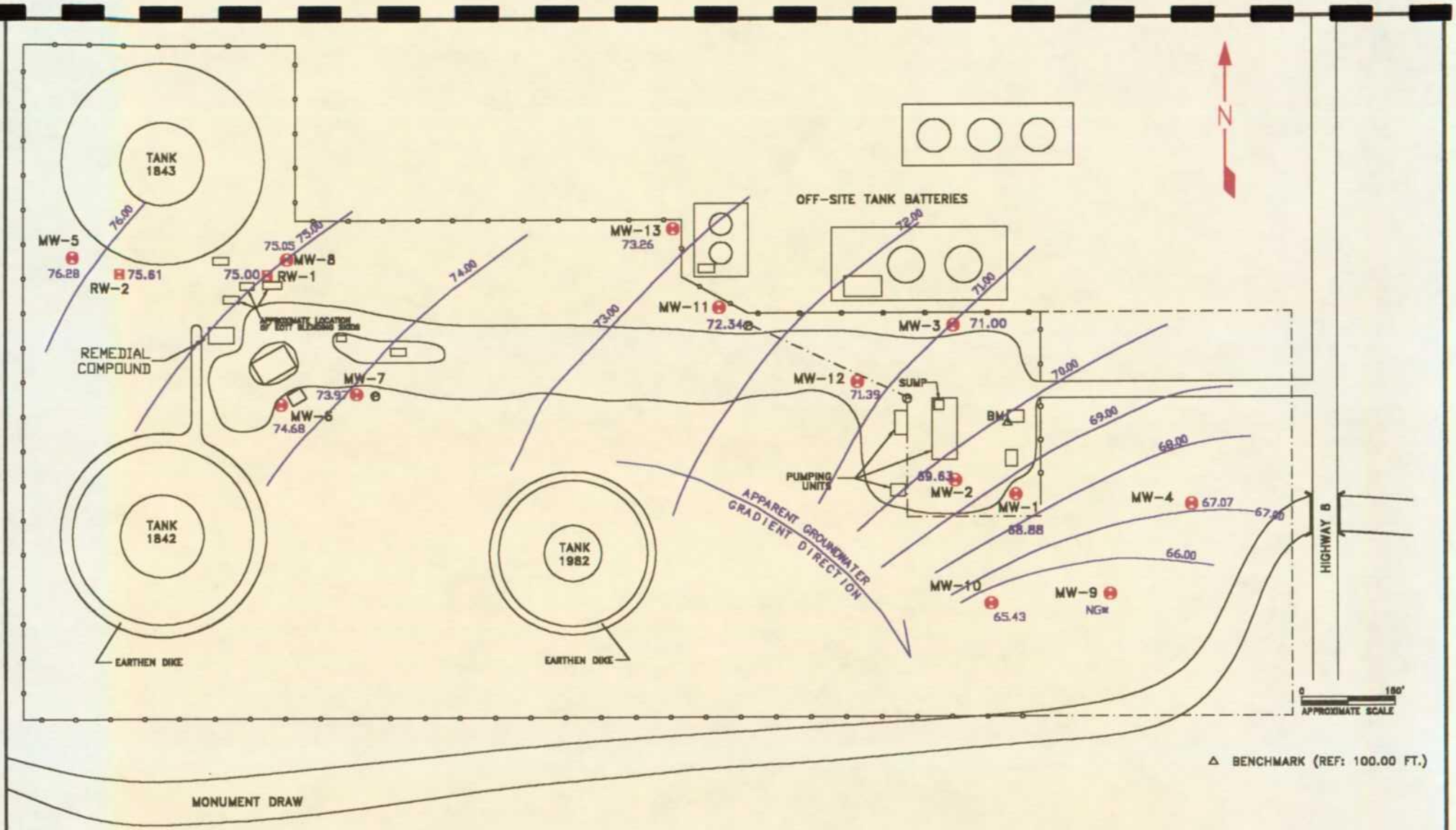
Site Map (Figure 1)
Groundwater Gradient Map (Figure 2)
BTEX Concentration Map (Figure 3)



SITE MAP

LEA STATION SHELL PIPELINE COMPANY LEA COUNTY, NEW MEXICO	
DATE: JANUARY, 2000	SCALE: SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 1

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



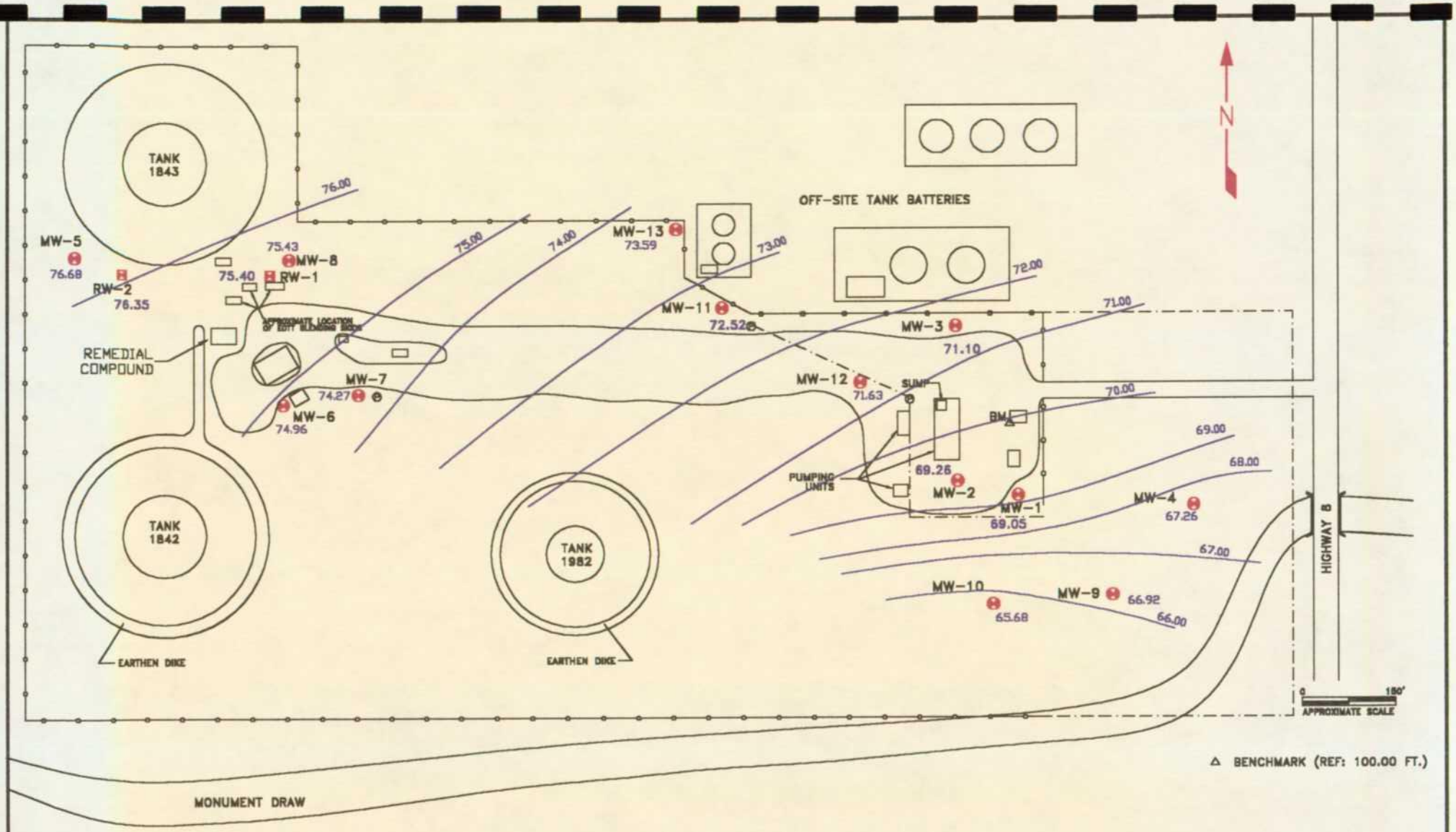
△ BENCHMARK (REF: 100.00 FT.)

GROUNDWATER GRADIENT MAP

CONTOUR INTERVAL = 1.00 FOOT

LEA STATION SHELL PIPELINE COMPANY LEA COUNTY, NEW MEXICO	
DATE: JANUARY, 2001	SCALE: SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 2

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



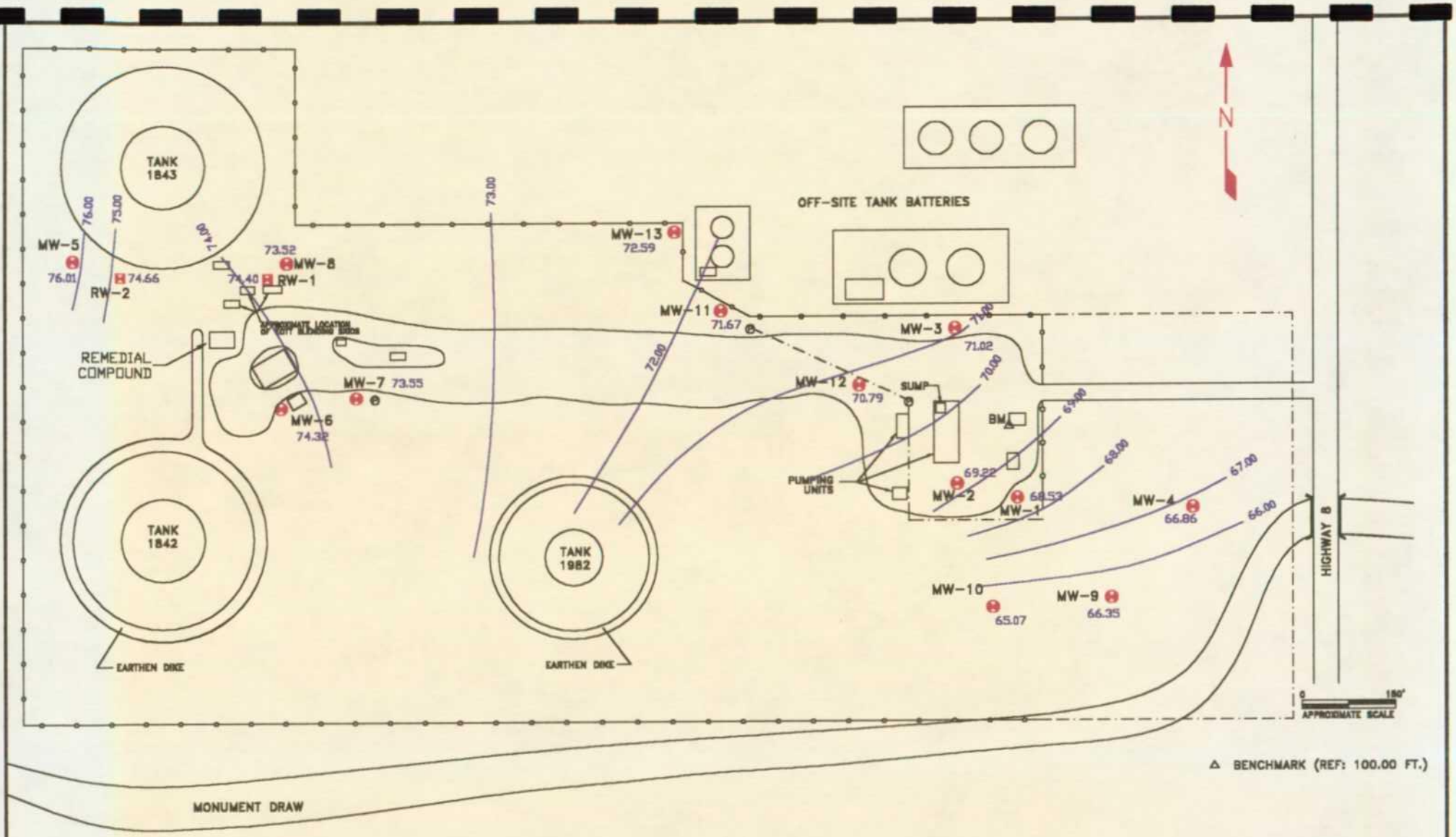
GROUNDWATER GRADIENT MAP

CONTOUR INTERVAL = 1.00 FOOT

LEA STATION
SHELL PIPELINE COMPANY
LEA COUNTY, NEW MEXICO

DATE:	SCALE:
APRIL, 2001	SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 2

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



△ BENCHMARK (REF: 100.00 FT.)

GROUNDWATER GRADIENT MAP

CONTOUR INTERVAL = 1.00 FOOT

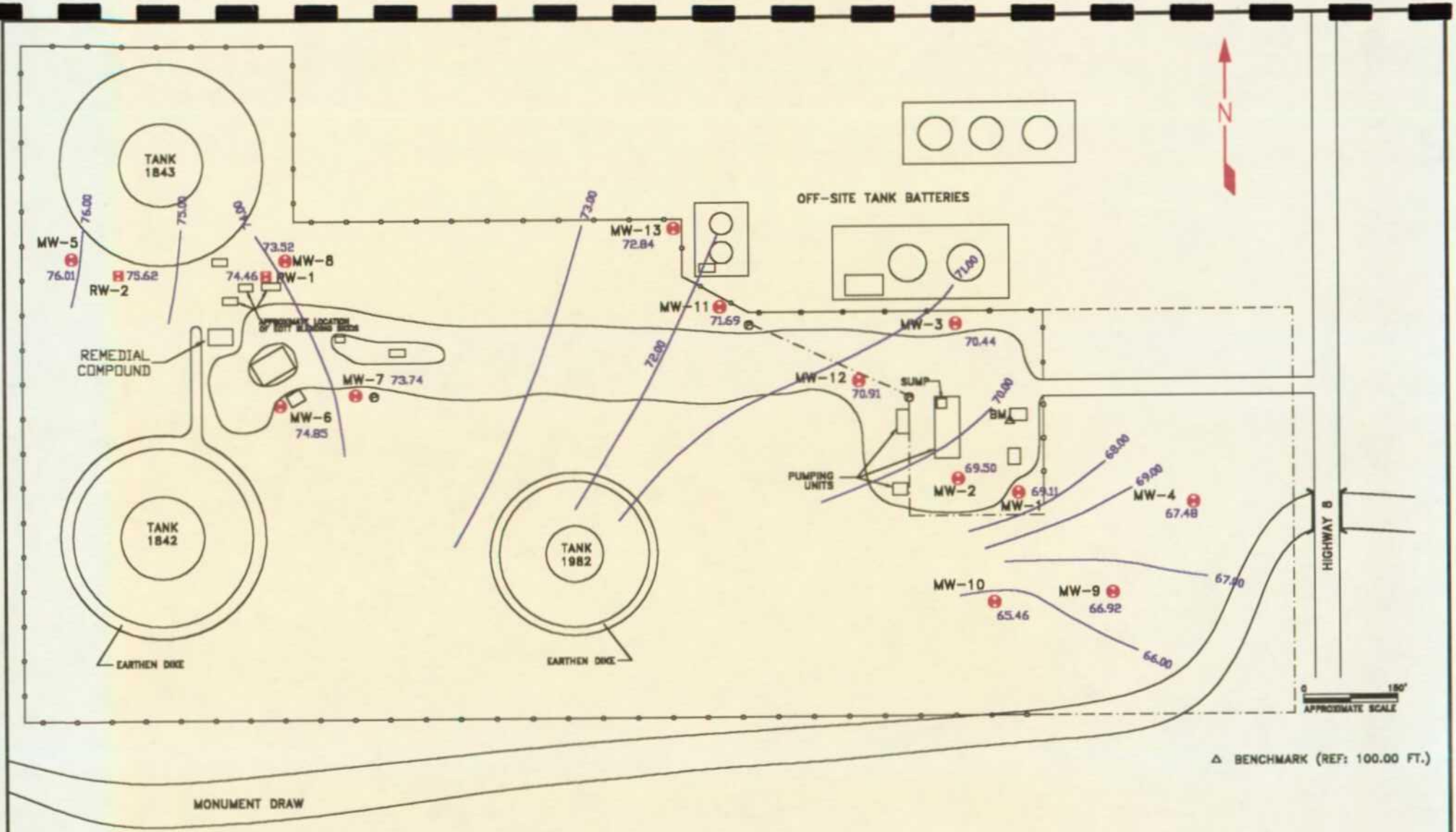
– MW-9 NOT SURVEYED AND NOT USED TO DETERMINE GROUNDWATER GRADIENT

– RW-1 AND RW-2 ARE SVE WELLS AND WERE NOT USED TO DETERMINE GROUNDWATER GRADIENT

LEA STATION
SHELL PIPELINE COMPANY
LEA COUNTY, NEW MEXICO

DATE:	SCALE:
JULY, 2001	SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 2

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



△ BENCHMARK (REF: 100.00 FT.)

GROUNDWATER GRADIENT MAP

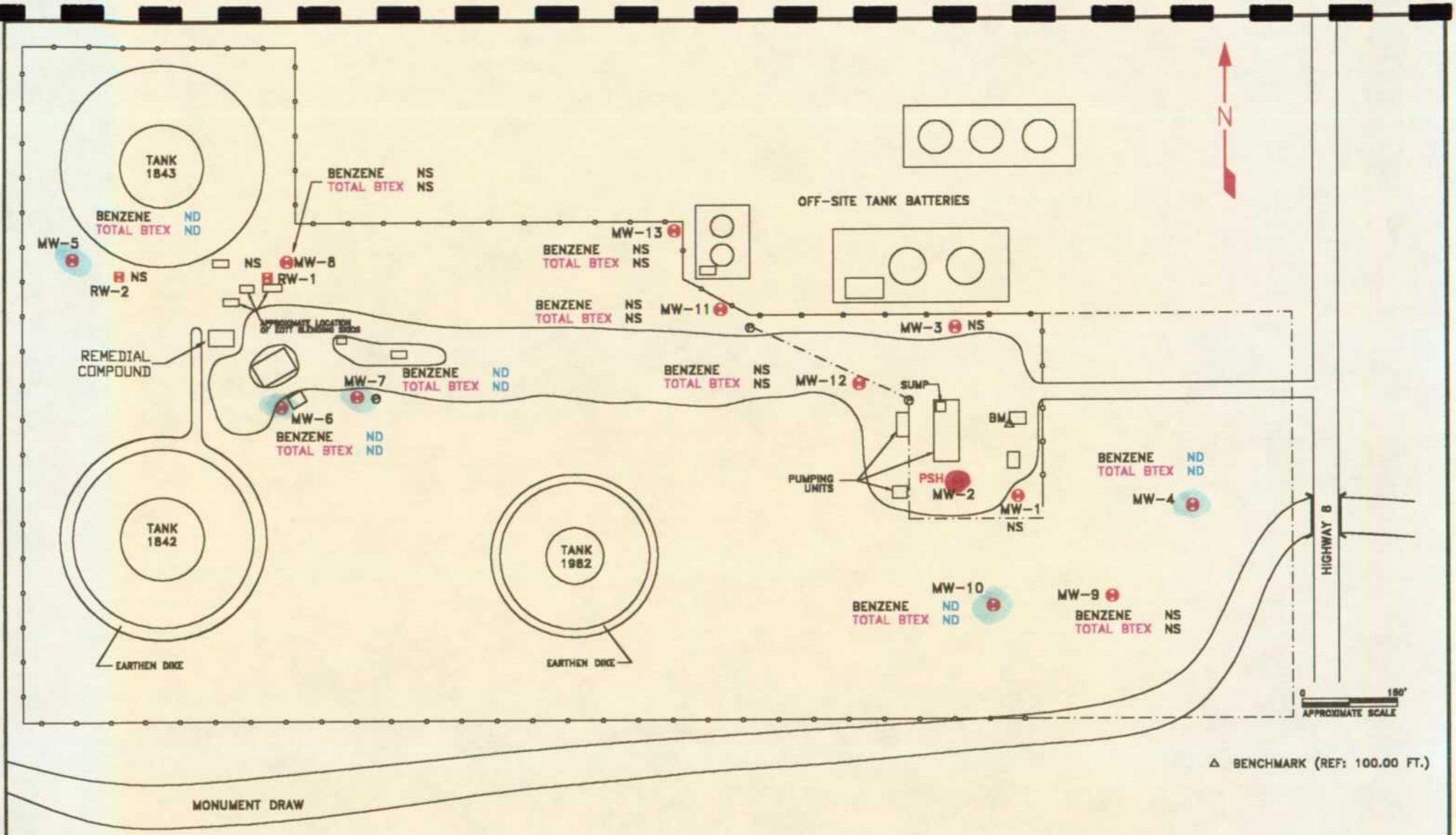
CONTOUR INTERVAL = 1.00 FOOT

– MW-9 NOT SURVEYED AND NOT USED TO DETERMINE GROUNDWATER GRADIENT

– RW-1 AND RW-2 ARE SVE WELLS AND WERE NOT USED TO DETERMINE GROUNDWATER GRADIENT

LEA STATION SHELL PIPELINE COMPANY LEA COUNTY, NEW MEXICO	
DATE: OCTOBER, 2001	SCALE: SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 2

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234

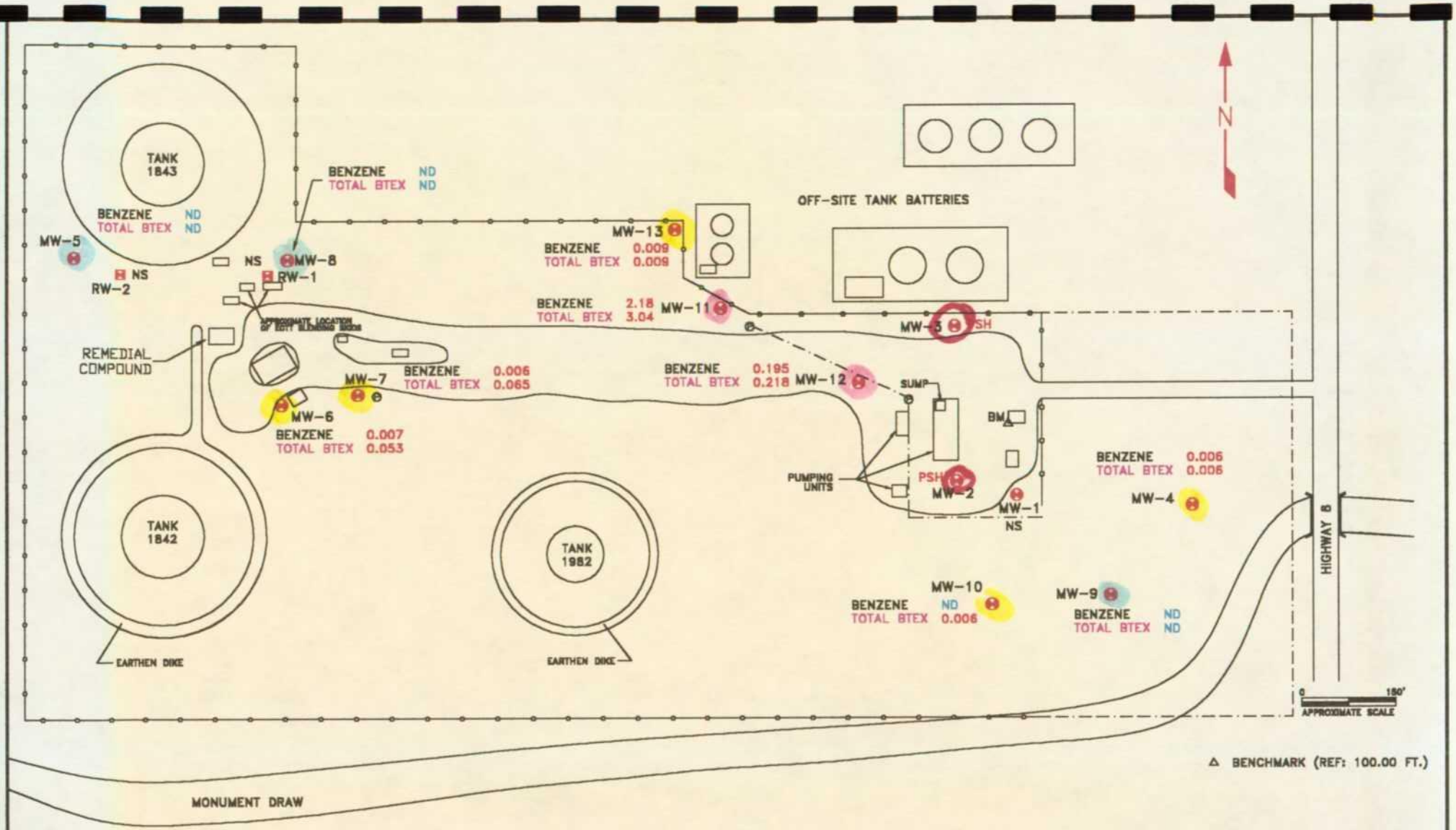


DISSOLVED BTEX CONCENTRATION MAP

CONCENTRATIONS IN mg/L (ppm)
NS – NOT SAMPLED
ND – NONE DETECTED
PSH – PSH FOUND IN WELL, NOT SAMPLED

LEA STATION SHELL PIPELINE COMPANY LEA COUNTY, NEW MEXICO	
DATE: January, 2001	SCALE: SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 3

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



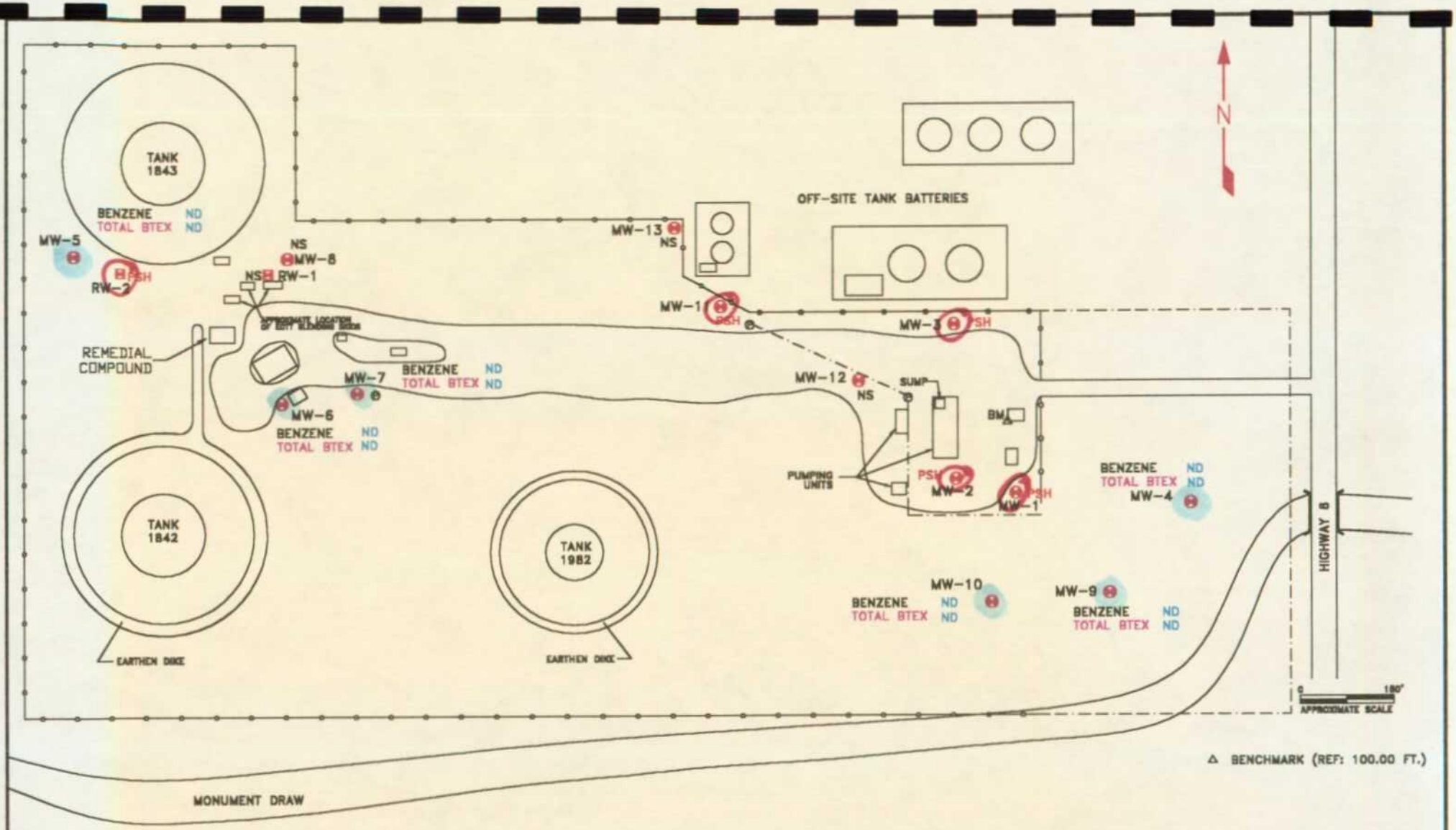
DISSOLVED BTEX CONCENTRATION MAP

CONCENTRATIONS IN mg/L (ppm)
NS – NOT SAMPLED
ND – NONE DETECTED
PSH – PSH FOUND IN WELL, NOT SAMPLED

LEA STATION
SHELL PIPELINE COMPANY
LEA COUNTY, NEW MEXICO

DATE:	SCALE:
APRIL, 2001	SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 3

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



△ BENCHMARK (REF: 100.00 FT.)

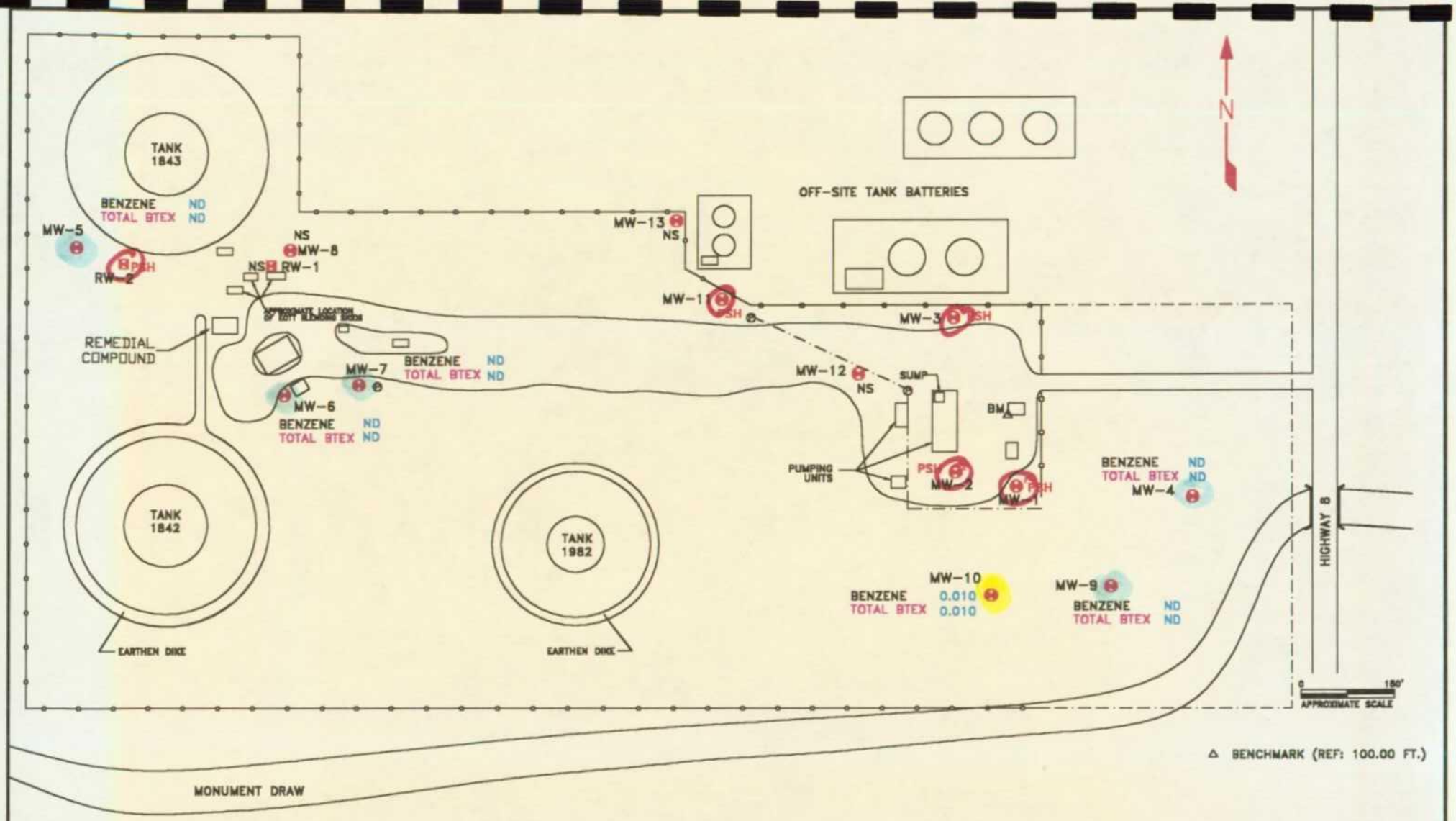
HYDROCARBON CONCENTRATION MAP

CONCENTRATIONS IN mg/L (ppm)
NS – NOT SAMPLED
ND – NONE DETECTED
PSH – PSH FOUND IN WELL, NOT SAMPLED

LEA STATION
SHELL PIPELINE COMPANY
LEA COUNTY, NEW MEXICO

DATE: JULY, 2001	SCALE: SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 3

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234



△ BENCHMARK (REF: 100.00 FT.)

HYDROCARBON CONCENTRATION MAP

CONCENTRATIONS IN mg/L (ppm)
NS – NOT SAMPLED
ND – NONE DETECTED
PSH – PSH FOUND IN WELL, NOT SAMPLED

LEA STATION SHELL PIPELINE COMPANY LEA COUNTY, NEW MEXICO	
DATE: OCTOBER, 2001	SCALE: SEE ABOVE
PROJECT NUMBER: EQ-102	FIGURE NUMBER: 3

ENERCON SERVICES, INC.
2775 VILLA CREEK
SUITE 120
DALLAS, TEXAS 75234

ATTACHMENT B

TABLES

Relative Groundwater Elevations, PSH Thickness, and Manual PSH Recovery-(Table1)
Groundwater Concentrations (Table 2)

TABLE 1
LEA 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	10/17/95	98.88	100.73	32.52	33.16	68.15	0.64			
	2/7/96				30.39	70.34	0.00			
	4/3/96					NG	0.00			
	6/12/96				30.22	70.51	0.00			
	6/20/96				31.35	69.38	0.00			
	6/27/96				31.51	69.22	0.00			
	7/5/96				30.67	70.06	0.00			
	7/18/96				30.69	70.04	0.00			
	8/1/96				30.86	69.87	0.00			
	10/2/96				28.06	72.67	0.00			
	10/9/97				31.73	69.00	0.00	0.25		Absorptive Boom
	11/8/97				31.73	69.00	0.00	0.25		Absorptive Boom
	1/22/98			31.46	31.65	69.25	0.19	0.25		Absorptive Boom
	2/18/98			31.44	31.52	69.28	0.08	0.25		Absorptive Boom
	4/2/98			31.28	31.51	69.43	0.23	0.25		Absorptive Boom
	5/5/98			31.25	31.31	69.47	0.06	0.25		Absorptive Boom
	7/7/98			31.96	32.3	68.74	0.34	0.25		Absorptive Boom
	10/2/98			31.81	32.25	68.88	0.44	2	22.92	Absorptive Boom
	1/14/99			32.02	32.2	68.69	0.18	1.5	24.42	
	4/15/99			31.57	31.98	69.12	0.41	2	26.42	
	7/13/00				30.53	70.20	0.00	0.25	26.67	Absorptive Boom
	10/03/00				31.95	68.78	0.00	4.29	30.96	Absorptive Boom
	01/03/01				31.85	68.88	0.00	0.75	31.71	Absorptive Boom
	04/05/01				31.68	69.05	0.00	0.75	32.46	Absorptive Boom
	07/10/01			32.19	32.32	68.53	0.13	0.75	33.21	Absorptive Boom
	10/03/01			31.62	31.63	69.11	0.01	0.75	33.96	Absorptive Boom
MW-2	10/17/95	100.78	102.37	31.89	32.04	70.47	0.15	0.00		
	2/7/96			31.14	31.38	71.21	0.24			
	4/3/96			30.96	31.29	71.38	0.33			
	6/12/96				31.32	71.05	0.00			
	6/20/96				32.25	70.12	0.00			
	6/27/96				31.33	71.04	0.00			
	7/5/96				30.67	71.70	0.00			
	7/18/96				31.58	70.79	0.00			
	8/1/96				31.83	70.54	0.00			
	10/2/96			32.13	32.71	70.18	0.58			
	10/9/97				31.38	70.99	0.00			Absorptive Boom/Hand Bail
	11/8/97				31.56	70.81	0.00			Absorptive Boom/Hand Bail
	1/22/98			32.31	33.34	69.96	1.03			Absorptive Boom/Hand Bail
	2/18/98			32.16	33.15	70.11	0.99			Absorptive Boom/Hand Bail
	4/2/98			32.30	33.51	69.95	1.21			Absorptive Boom/Hand Bail
	5/5/98			32.24	33.26	70.03	1.02			Absorptive Boom/Hand Bail
	7/7/98			32.80	34.62	69.39	1.82			Absorptive Boom/Hand Bail
	10/2/98			31.81	33.13	70.43	1.32	2.00	27.96	Absorptive Boom/Hand Bail
	1/14/99			32.83	34.23	69.40	1.40	2.50	30.46	
	4/15/99			32.36	34.20	69.83	1.84	2.00	32.46	
	7/13/00			32.61	33.69	69.65	1.08	1.50	33.96	Absorptive Boom/Hand Bail
	10/03/00			32.80	34.12	69.44	1.32	6.00	39.96	Hand Bail
	01/03/01			32.68	33.33	69.63	0.65	3.50	43.46	Absorptive Boom/Hand Bail
	04/05/01			33.00	34.10	69.26	1.10	1.50	44.96	Absorptive Boom/Hand Bail
	07/10/01			32.89	35.50	69.22	2.61	1.50	46.46	Absorptive Boom/Hand Bail
	10/03/01			32.69	34.52	69.50	1.83	1.50	47.96	Absorptive Boom/Hand Bail
MW-3	10/17/95	101.79	103.61		32.67	70.94	0.00			
	2/7/96				30.57	73.04	0.00			
	4/3/96				30.54	73.07	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				31.43	72.18	0.00			
	8/1/96					NG	0.00			
	10/2/96				28.06	75.55	0.00			
	10/9/97				31.86	71.75	0.00			
	11/8/97					NG	0.00			
	1/22/98				32.21	71.40	0.00			
	2/18/98				32.08	71.53	0.00			
	4/2/98				32.00	71.61	0.00			
	5/5/98				31.98	71.63	0.00			
	7/7/98				32.70	70.91	0.00			
	10/2/98				33.06	70.55	0.00			
	1/14/99			32.58	32.65	71.02	0.07	0.50	0.50	
	4/15/99			32.36	32.56	71.23	0.20	1.00	1.50	
	07/13/00				32.23	71.38	0.00		3.75	Absorptive Boom
	10/03/00				32.85	70.76	0.00	0.25	4.00	Absorptive Boom
	01/03/01				32.57	71.04	0.00	0.50	4.50	Absorptive Boom
	04/05/01			32.50	32.61	71.10	0.11	0.25	4.75	Absorptive Boom
	07/10/01			32.50	33.45	71.02	0.95	0.25	5.00	Absorptive Boom
	10/03/01			33.14	33.43	70.44	0.29	0.25	5.25	Absorptive Boom

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

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-4	10/17/95	93.80	96.08		27.20	68.88	0.00			
	2/7/96				26.82	69.26	0.00			
	4/3/96				26.88	69.20	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				27.54	68.54	0.00			
	8/1/96					NG	0.00			
	10/2/96				28.06	68.02	0.00			
	10/9/97				28.94	67.14	0.00			
	11/8/97					NG	0.00			
	1/22/98				28.68	67.40	0.00			
	2/18/98					NG	0.00			
	4/2/98				28.52	67.56	0.00			
	5/5/98				28.51	67.57	0.00			
	7/7/98				29.05	67.03	0.00			
	10/2/98				29.42	66.66	0.00			
	1/14/99				29.05	67.03	0.00			
	4/15/99				28.85	67.23	0.00			
	07/13/00				26.26	69.82	0.00			
	10/03/00				28.76	67.32	0.00			
	01/03/01			28.76	29.01	67.30	0.25			
	04/05/01			28.82	29.01	67.24	0.19			
	07/10/01			28.82	29.22	67.22	0.40			
	10/03/01				28.60	67.48	0.00			
MW-5	10/17/95	107.08	109.21	33.08	33.26	76.11	0.18			
	2/7/96				31.51	77.70	0.00			
	4/3/96				31.21	78.00	0.00			
	6/12/96				31.30	77.91	0.00			
	6/20/96				31.43	77.78	0.00			
	6/27/96				31.62	77.59	0.00			
	7/5/96				31.76	77.45	0.00			
	7/18/96				31.94	77.27	0.00			
	8/1/96				32.12	77.09	0.00			
	10/2/96				32.64	76.57	0.00			
	10/9/97				32.45	76.76	0.00			
	11/8/97					NG	0.00			
	1/22/98			32.68	32.81	76.52	0.13			
	2/18/98				32.50	76.71	0.00			
	4/2/98				32.24	76.97	0.00			
	5/5/98				32.19	77.02	0.00			
	7/7/98				33.10	76.11	0.00			
	10/2/98				33.57	75.64	0.00			
	1/14/99				32.85	76.36	0.00		10.21	
	4/15/99				32.59	76.62	0.00		10.51	
	07/13/00				32.57	76.64	0.00		10.51	
	10/03/00				33.50	75.71	0.00	0.25	10.76	Absorptive Boom
	01/03/01				32.93	76.28	0.00		10.76	Absorptive Boom
	04/05/01				32.53	76.68	0.00		10.76	Absorptive Boom
	07/10/01				33.20	76.01	0.00		10.76	Absorptive Boom
	10/03/01				33.20	76.01	0.00		10.76	Absorptive Boom
MW-6	10/17/95	103.66	106.26		32.07	74.19	0.00			
	2/7/96			29.87	31.15	76.26	1.28			
	4/3/96			29.78	31.15	76.34	1.37			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				30.51	75.75	0.00			
	8/1/96					NG	0.00			
	10/2/96				31.80	74.46	0.00			
	10/9/97				31.15	75.11	0.00			
	11/8/97					NG	0.00			
	1/22/98				31.28	74.98	0.00			
	2/18/98				31.11	75.15	0.00			
	4/2/98				31.00	75.26	0.00			
	5/5/98				30.95	75.31	0.00			
	7/7/98				31.65	74.61	0.00			
	10/2/98				32.00	74.26	0.00			
	1/14/99				31.52	74.74	0.00			
	4/15/99				31.30	74.96	0.00			
	07/13/00				30.37	75.89	0.00			
	10/03/00				31.85	74.41	0.00			
	01/03/01				31.58	74.68	0.00			
	04/05/01				31.30	74.96	0.00			
	07/10/01				31.94	74.32	0.00			
	10/03/01				31.41	74.85	0.00			

TABLE 1
LEA 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-7	10/17/95	104.34	106.27		32.20	74.07	0.00			
	2/7/96				30.50	75.77	0.00			
	4/3/96				30.40	75.87	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				31.24	75.03	0.00			
	8/1/96					NG	0.00			
	10/2/96				31.80	74.47	0.00			
	10/9/97				31.40	74.87	0.00			
	11/8/97					NG	0.00			
	1/22/98				31.97	74.30	0.00			
	2/18/98				31.78	74.49	0.00			
	4/2/98				31.66	74.61	0.00			
	5/5/98				31.61	74.66	0.00			
	7/7/98				32.40	73.87	0.00			
	10/2/98				32.75	73.52	0.00			
	1/14/99				32.21	74.06	0.00			
	4/15/99				32.00	74.27	0.00			
	07/13/00				31.69	74.58	0.00			
	10/03/00				32.69	73.58	0.00			
	01/03/01				32.30	73.97	0.00			
	04/05/01				32.00	74.27	0.00			
	07/10/01				32.72	73.55	0.00			
	10/03/01				32.53	73.74	0.00			
MW-8	10/17/95	105.52	107.44	31.62	33.22	75.66	1.60			
	2/7/96					NG	0.00			
	4/3/96				30.37	77.07	0.00			
	6/12/96			30.29	30.35	77.14	0.06			
	6/20/96				30.63	76.81	0.00			
	6/27/96				30.77	76.67	0.00			
	7/5/96				31.70	75.74	0.00			
	7/18/96				30.85	76.59	0.00			
	8/1/96				31.13	76.31	0.00			
	10/2/96				31.40	76.04	0.00			
	10/9/97				32.34	75.10	0.00			
	11/8/97				32.16	75.28	0.00			
	1/22/98				31.56	75.88	0.00			
	2/18/98				32.68	74.76	0.00			
	4/2/98				32.54	74.90	0.00			
	5/5/98				32.49	74.95	0.00			
	7/7/98			33.34	33.37	74.10	0.03			
	10/2/98			33.68	33.70	73.76	0.02			
	1/14/99				33.06	74.38	0.00			
	4/15/99				32.80	74.64	0.00		36.17	
	07/13/00				32.58	74.86	0.00		36.17	
	10/03/00				33.63	73.81	0.00		36.17	SVE System repaired July 13
	01/03/01				33.18	74.26	0.00		36.17	SVE System
	04/05/01				32.80	74.64	0.00		36.17	SVE System
	07/10/01				33.92	73.52	0.00		36.17	SVE System
	10/03/01				33.92	73.52	0.00		36.17	SVE System
MW-9	10/17/95	93.76	97.21		31.14	66.07	0.00			
	2/7/96				28.76	68.45	0.00			
	4/3/96				28.82	68.39	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				29.65	67.56	0.00			
	8/1/96					NG	0.00			
	10/2/96				30.16	67.05	0.00			
	10/9/97				30.19	67.02	0.00			
	11/8/97					NG	0.00			
	1/22/98				30.78	66.43	0.00			
	2/18/98					NG	0.00			
	4/2/98				30.59	66.62	0.00			
	5/5/98				30.57	66.64	0.00			
	7/7/98				31.33	65.88	0.00			
	10/2/98				31.70	65.51	0.00			
	1/14/99				31.28	65.93	0.00			
	4/15/99				30.93	66.28	0.00			
	07/13/00				27.33	69.88	0.00			
	10/03/00					NG	0.00			Well damaged not able to access
	01/03/01					NG	0.00			Well damaged not able to access
	04/05/01				30.29	66.92	0.00			
	07/10/01				30.86	66.35	0.00			
	10/03/01				30.29	66.92	0.00			

TABLE 1
LEA 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	10/17/95	99.63	102.51		35.41	67.10	0.00			
	2/7/96				34.41	68.10	0.00			
	4/3/96				34.43	68.08	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				35.22	67.29	0.00			
	8/1/96					NG	0.00			
	10/2/96				34.79	67.72	0.00			
	10/9/97				34.72	67.79	0.00			
	11/8/97					NG	0.00			
	1/22/98				36.46	66.05	0.00			
	2/18/98					NG	0.00			
	4/2/98				36.25	66.26	0.00			
	5/5/98				36.27	66.24	0.00			
	7/7/98				35.89	66.62	0.00			
	10/2/98				37.40	65.11	0.00			
	1/14/99				37.04	65.47	0.00			
	4/15/99				36.76	65.75	0.00			
	07/13/00				35.40	67.11	0.00			
	10/03/00				36.96	65.55	0.00			
	01/03/01				37.08	65.43	0.00			
	04/05/01				36.83	65.68	0.00			
	07/10/01				37.44	65.07	0.00			
	10/03/01				37.05	65.46	0.00			
MW-11	10/17/95	104.48	105.62	32.33	32.48	73.28	0.15			
	2/7/96			31.66	32.31	73.90	0.65			
	4/3/96			31.40	32.13	74.15	0.73			
	6/12/96			31.76	32.07	73.83	0.31			
	6/20/96			31.91	31.96	73.71	0.05			
	6/27/96				31.78	73.84	0.00			
	7/5/96				32.12	73.50	0.00			
	7/18/96				32.12	73.50	0.00			
	8/1/96				32.37	73.25	0.00			
	10/2/96			32.47	33.14	73.08	0.67			
	10/9/97				32.47	73.15	0.00			
	11/8/97				32.18	73.44	0.00			
	1/22/98			32.79	32.99	72.81	0.20			
	2/18/98			32.62	33.03	72.96	0.41			
	4/2/98			32.71	33.48	72.83	0.77			
	5/5/98			32.56	33.71	72.95	1.15			
	7/7/98			33.20	34.92	72.25	1.72			
	10/2/98			33.00	33.75	72.55	0.75	1.50	27.39	
	1/14/99			33.40	33.69	72.19	0.29	1.00	28.39	
	4/15/99			32.85	33.53	72.70	0.68	1.20	29.59	
	07/13/00				33.24	72.38	0.00			
	10/03/00				33.73	71.89	0.00	0.50	40.49	Absorptive Boom
	01/03/01				33.28	72.34	0.00	0.25	40.74	Absorptive Boom
	04/05/01				33.10	72.52	0.00	0.75	41.49	Absorptive Boom
	07/10/01			33.94	34.08	71.67	0.14	0.75	42.24	Absorptive Boom
	10/03/01			33.93	33.94	71.69	0.01	0.75	42.24	Absorptive Boom
MW-12	10/17/95	Not Surveyed	103.90		32.41	71.49	0.00			
	2/7/96				31.00	72.90	0.00			
	4/3/96				30.91	72.99	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				31.70	72.20	0.00			
	8/1/96					NG	0.00			
	10/2/96				32.20	71.70	0.00			
	10/9/97				32.29	71.61	0.00			
	11/8/97					NG	0.00			
	1/22/98				32.62	71.28	0.00			
	2/18/98				32.48	71.42	0.00			
	4/2/98				32.25	71.65	0.00			
	5/5/98				32.42	71.48	0.00			
	7/7/98				33.33	70.57	0.00			
	10/2/98				33.34	70.56	0.00			
	1/14/99				32.68	71.22	0.00			
	4/15/99				32.42	71.48	0.00			
	07/13/00				32.16	71.74	0.00			
	10/03/00				32.95	70.95	0.00			
	01/03/01				32.56	71.34	0.00			
	04/05/01				32.27	71.63	0.00			
	07/10/01				33.11	70.79	0.00			
	10/03/01				32.99	70.91	0.00			

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

Monitor Well	Date Gauged	Relative Ground Surface Elevation (feet)	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)	PSH Recovery (gallons)	PSH Cumulative Recovery (gallons)	Type of Recovery
MW-13	10/17/95	Not Surveyed	103.89		32.61	71.28	0.00			
	2/7/96				28.75	75.14	0.00			
	4/3/96				28.61	75.28	0.00			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				29.69	74.20	0.00			
	8/1/96					NG	0.00			
	10/2/96				31.21	72.68	0.00			
	10/9/97				30.61	73.28	0.00			
	11/8/97					NG	0.00			
	1/22/98				30.25	73.64	0.00			
	2/18/98				30.11	73.78	0.00			
	4/2/98				29.99	73.90	0.00			
	5/5/98				29.99	73.90	0.00			
	7/7/98				30.99	72.90	0.00			
	10/2/98				31.27	72.62	0.00			
	1/14/99				30.33	73.56	0.00			
	4/15/99				30.60	73.29	0.00			
	07/13/00				30.35	73.54	0.00			
	10/03/00				31.23	72.66	0.00			
	01/03/01				30.63	73.26	0.00			
	04/05/01				30.30	73.59	0.00			
	07/10/01				31.30	72.59	0.00			
	10/03/01				31.05	72.84	0.00			
RW-1	10/17/95	Not Surveyed	106.40			NG	0.00			
	2/7/96					NG	0.00			
	4/3/96			27.36	27.37	79.04	0.01			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96				28.25	78.15	0.00			
	8/1/96				28.47	77.93	0.00			
	10/2/96					NG	0.00			
	10/9/97				27.37	79.03	0.00			
	11/8/97				27.37	79.03	0.00			
	1/22/98				27.37	79.03	0.00			
	2/18/98				30.87	75.53	0.00			
	4/2/98				30.78	75.62	0.00			
	5/5/98				30.68	75.72	0.00			
	7/7/98			31.54	31.82	74.83	0.28			
	10/2/98			31.85	32.01	74.53	0.16			
	1/14/99			31.18	31.20	75.22	0.02			
	4/15/99			31.05	31.07	75.35	0.02			
	07/13/00				30.79	75.61	0.00			
	10/03/00				31.85	74.55	0.00			SVE System
	01/03/01				31.85	74.55	0.00			SVE System
	04/05/01				31.40	75.00	0.00			SVE System
	07/10/01				31.00	75.40	0.00			SVE System
	10/03/01				31.94	74.46	0.00			SVE System
RW-2	10/17/95	Not Surveyed	106.65			NG	0.00			
	2/7/96					NG	0.00			
	4/3/96			28.75	28.93	77.88	0.18			
	6/12/96					NG	0.00			
	6/20/96					NG	0.00			
	6/27/96					NG	0.00			
	7/5/96					NG	0.00			
	7/18/96			29.66	29.81	76.98	0.15			
	8/1/96				30.14	76.51	0.00			
	10/2/96			29.60	29.80	77.03	0.20			
	10/9/97			29.60	29.80	77.03	0.20			
	11/8/97					NG	0.00			
	1/22/98			29.60	29.80	77.03	0.20			
	2/18/98				30.12	76.53	0.00			
	4/2/98			30.02	30.11	76.62	0.09			
	5/5/98			30.08	30.11	76.57	0.03			
	7/7/98			30.85	31.10	75.78	0.25			
	10/2/98			31.49	31.52	75.16	0.03			
	1/14/99			30.62	30.75	76.02	0.13			
	4/15/99			30.34	30.55	76.29	0.21			
	07/13/00				30.42	76.23	0.00			
	10/03/00			31.23	31.25	75.42	0.02			SVE System
	01/03/01			31.04	31.09	75.61	0.05			SVE System
	04/05/01				30.30	76.35	0.00			SVE System
	07/10/01			31.99	32.00	74.66	0.01			SVE System
	10/03/01			31.02	31.10	75.62	0.08			SVE System

TABLE 1
LEA 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

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

** Correction Equation for Phase-Separated Hydrocarbons: Corrected Groundwater Elevation = Top of Casing Elevation - [Depth to Water Below Top of Casing - (SG)(PSH Thickness)]. Specific Gravity (SG) = 0.9 for crude oil.

Note 1: Total recovery: 176.34 gallons by manual means.

Note 2: The SVE System blower failed on 3/12/98. The system was reactivated on 4/15/99.

TABLE 2
LEA 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 BTEX (mg/L)	1-Methyl-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	Dissolved Oxygen (mg/l)
OCD Limit		0.01	0.75	0.75	0.62					0.03	0.001	
MW-1	10/17/95	PSH	PSH	PSH	PSH	PSH						NS
	2/7/96	PSH	PSH	PSH	PSH	PSH						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	NS	NS	NS	NS	NS						NS
	10/2/96	0.290	<0.003	0.120	<0.003	0.410						ND
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	NS	NS	NS	NS	NS						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	NS	NS	NS	NS	NS						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	NS	NS	NS	NS	NS						NS
	10/6/00	NS	NS	NS	NS	NS						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	NS	NS	NS	NS	NS						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS
MW-2	10/17/95	PSH	PSH	PSH	PSH	PSH						NS
	2/7/96	PSH	PSH	PSH	PSH	PSH						NS
	4/3/96	PSH	PSH	PSH	PSH	PSH						NS
	7/18/96	PSH	PSH	PSH	PSH	PSH						NS
	10/2/96	PSH	PSH	PSH	PSH	PSH						NS
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	NS	NS	NS	NS	NS						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	NS	NS	NS	NS	NS						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	NS	NS	NS	NS	NS						NS
	10/6/00	NS	NS	NS	NS	NS						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	NS	NS	NS	NS	NS						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS
MW-3	10/17/95	2.000	<0.005	0.280	0.028	2.308						1.8
	2/7/96	NS	NS	NS	NS	NS						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	NS	NS	NS	NS	NS						NS
	10/2/96	1.900	<0.15	0.320	<0.15	2.220						ND
	10/9/97	1.500	ND	0.280	0.028	1.808						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	1.200	ND	0.130	0.012	1.342						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	PSH	PSH	PSH	PSH	PSH						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	2.800	ND	0.190	ND	2.990						NS
	10/6/00	NS	NS	NS	NS	NS						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	NS	NS	NS	NS	NS						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS
MW-4	10/17/95	0.019	0.001	ND	ND	0.020						4.7
	2/7/96	ND	ND	ND	ND	ND						3.1
	4/3/96	ND	ND	ND	ND	ND						2.6
	7/18/96	ND	ND	ND	ND	ND						1.7
	10/2/96	ND	ND	ND	ND	ND						1.3
	10/9/97	ND	ND	ND	ND	ND						NS
	1/22/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	5/5/98	ND	ND	ND	ND	ND						NS
	7/8/98	ND	ND	ND	ND	ND						NS
	10/2/98	ND	ND	ND	ND	ND						NS
	1/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/15/99	ND	ND	ND	ND	ND						NS
	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	7/12/00	ND	ND	ND	ND	ND						NS
	10/6/00	ND	ND	ND	ND	ND						NS
	1/3/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/5/01	0.006	ND	ND	ND	0.006						NS
	7/10/01	ND	ND	ND	ND	ND						NS
	10/3/01	ND	ND	ND	ND	ND						NS
	1/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS

TABLE 2
LEA 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 BTEX (mg/L)	1-Methyl-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	Dissolved Oxygen (mg/l)
MW-5	10/17/95	PSH	ND	0.006	0.001	0.007						NS
	2/7/96	PSH	PSH	PSH	PSH	PSH						NS
	4/3/96	PSH	PSH	PSH	PSH	PSH						NS
	7/18/96	PSH	PSH	PSH	PSH	PSH						NS
	10/2/96	0.002	ND	0.010	0.006	0.018						ND
	10/9/97	0.001	ND	0.006	0.001	0.008						NS
	1/22/98	PSH	PSH	PSH	PSH	PSH						NS
	5/5/98	0.002	ND	0.010	0.008	0.020						NS
	7/8/98	ND	ND	0.003	0.002	0.005						NS
	10/2/98	ND	ND	0.002	0.003	0.005						NS
	1/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/15/99	ND	ND	0.007	0.004	0.011						NS
	1/13/00	ND	ND	0.002	ND	0.002	0.002	0.0006	ND	ND	ND	NS
	7/12/00	ND	ND	ND	ND	ND						NS
	10/6/00	ND	ND	ND	ND	ND						NS
	1/3/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/5/01	ND	ND	ND	ND	ND						NS
	7/10/01	ND	ND	ND	ND	ND						NS
	10/3/01	ND	ND	ND	ND	ND						NS
	1/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-6	10/17/95	ND	0.002	0.021	0.021	0.044						1.5
	2/7/96	ND	ND	0.002	0.009	0.011						4.5
	4/3/96	ND	ND	0.004	0.004	0.008						3.3
	7/18/96	ND	2.600	ND	ND	2.600						2.7
	10/2/96	ND	ND	ND	ND	ND						3.9
	10/9/97	ND	0.002	0.005	0.006	0.013						NS
	1/22/98	0.007	ND	ND	ND	0.007						NS
	5/5/98	0.001	ND	0.001	0.010	0.012						NS
	7/8/98	ND	ND	ND	ND	ND						NS
	10/2/98	ND	ND	ND	ND	ND						NS
	1/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/15/99	ND	ND	0.007	0.004	0.011						NS
	1/13/00	ND	ND	0.002	ND	0.002	0.002	ND	ND	ND	ND	NS
	7/12/00	0.001	0.001	0.006	0.003	0.011						NS
	10/6/00	ND	ND	ND	ND	ND						NS
	1/3/01	ND	ND	ND	ND	ND	0.017	ND	ND	0.017	ND	NS
	4/5/01	0.007	ND	0.013	0.033	0.053						NS
	7/10/01	ND	ND	ND	ND	ND						NS
	10/3/01	ND	ND	ND	ND	ND						NS
	1/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-7	10/17/95	ND	ND	ND	ND	ND						2
	2/7/96	ND	ND	ND	ND	ND						3.5
	4/3/96	ND	ND	ND	ND	ND						3.5
	7/18/96	ND	ND	ND	ND	ND						6.7
	10/2/96	ND	ND	ND	ND	ND						6.4
	10/9/97	ND	ND	ND	ND	ND						NS
	1/22/98	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	NS
	5/5/98	ND	ND	ND	ND	ND						NS
	7/8/98	ND	ND	ND	ND	ND						NS
	10/2/98	ND	ND	ND	ND	ND						NS
	1/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/15/99	ND	ND	0.007	0.004	0.011						NS
	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	7/12/00	ND	ND	ND	0.006	0.006						NS
	10/6/00	ND	ND	ND	0.004	0.004						NS
	1/3/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/5/01	0.006	0.012	0.013	0.034	0.065						NS
	7/10/01	ND	ND	ND	ND	ND						NS
	10/3/01	ND	ND	ND	ND	ND						NS
	1/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-8	10/17/95	PSH	PSH	PSH	PSH	PSH						NS
	2/7/96	NS	NS	NS	NS	NS						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	PSH	PSH	PSH	PSH	PSH						NS
	10/2/96	0.003	0.007	0.082	0.052	0.144						ND
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	ND	ND	0.002	0.004	0.006						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	0.002	ND	ND	0.001	0.003						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	ND	ND	ND	ND	ND						NS
	7/12/00	NS	NS	NS	NS	NS						NS
	10/6/00	NS	NS	NS	NS	NS						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	ND	ND	ND	ND	ND						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS

TABLE 2
LEA 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 BTEX (mg/L)	1-Methyl-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	Dissolved Oxygen (mg/l)
MW-9	10/17/95	ND	ND	ND	ND	ND						4.6
	2/7/96	ND	ND	ND	ND	ND						5.1
	4/3/96	ND	ND	ND	ND	ND						5.4
	7/18/96	ND	ND	ND	2.600	2.600						3.75
	10/2/96	ND	ND	ND	ND	ND						2.3
	10/9/97	ND	ND	ND	ND	ND						NS
	1/22/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	5/5/98	ND	ND	ND	ND	ND						NS
	7/8/98	ND	ND	ND	ND	ND						NS
	10/2/98	ND	ND	ND	ND	ND						NS
	1/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/15/99	ND	ND	ND	ND	ND						NS
	1/13/00	0.002	0.002	ND	ND	0.004	ND	ND	ND	ND	ND	NS
	4/28/00	0.008	0.003	ND	ND	0.011						NS
	7/12/00	ND	ND	ND	ND	ND						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	ND	ND	ND	ND	ND						NS
	7/10/01	ND	ND	ND	ND	ND						NS
	10/3/01	ND	ND	ND	ND	ND						NS
	1/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-10	10/17/95	ND	0.003	ND	ND	0.003						7.4
	2/7/96	ND	ND	ND	ND	ND						6.3
	4/3/96	0.001	ND	ND	0.002	0.003						3.5
	7/18/96	ND	1.800	ND	ND	1.800						2.35
	10/2/96	ND	ND	ND	ND	ND						1.7
	10/9/97	ND	ND	ND	ND	ND						NS
	1/22/98	ND	ND	ND	ND	ND						NS
	5/5/98	0.002	ND	ND	0.003	0.005						NS
	7/8/98	ND	ND	ND	ND	ND						NS
	10/2/98	ND	ND	ND	0.003	0.003						NS
	1/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/15/99	0.001	ND	ND	0.009	0.010						NS
	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	7/12/00	ND	0.005	ND	0.020	0.025						NS
	10/6/00	ND	ND	ND	ND	ND						NS
	1/3/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
	4/5/01	ND	0.006	ND	ND	0.006						NS
	7/10/01	ND	ND	ND	ND	ND						NS
	10/3/01	0.010	ND	ND	ND	0.010						NS
	1/28/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS
MW-11	10/17/95	PSH	PSH	PSH	PSH	PSH						NS
	2/7/96	PSH	PSH	PSH	PSH	PSH						NS
	4/3/96	PSH	PSH	PSH	PSH	PSH						NS
	7/18/96	PSH	PSH	PSH	PSH	PSH						NS
	10/2/96	PSH	PSH	PSH	PSH	PSH						NS
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	PSH	PSH	PSH	PSH	PSH						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	PSH	PSH	PSH	PSH	PSH						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	PSH	PSH	PSH	PSH	PSH						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	2.180	ND	0.596	0.268	3.044						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS
MW-12	10/17/95	1.400	0.440	0.300	0.163	2.303						1.5
	2/7/96	NS	NS	NS	NS	NS						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	NS	NS	NS	NS	NS						NS
	10/2/96	0.680	0.180	0.280	0.100	1.240						ND
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	0.930	0.370	0.390	0.130	1.820						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	0.770	0.070	0.280	0.058	1.178						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	0.240	0.019	0.120	0.011	0.390						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	0.195	ND	0.022	ND	0.217						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS

TABLE 2
LEA 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 BTEX (mg/L)	1-Methyl-napthlene (mg/L)	2-Methyl-napthlene (mg/L)	Napthlene (mg/L)	Total Napthlenes (mg/L)	Benzo(a) pyrene (mg/L)	Dissolved Oxygen (mg/l)
MW-13	10/17/95	ND	ND	ND	ND	ND						2.3
	2/7/96	NS	NS	NS	NS	NS						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	NS	NS	NS	NS	NS						NS
	10/2/96	ND	ND	ND	ND	ND						3.05
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	ND	ND	ND	ND	ND						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	1/14/99	NS	NS	NS	NS	NS						NS
	4/15/99	ND	ND	ND	ND	ND						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	ND	ND	ND	ND	ND						NS
	1/3/01	NS	NS	NS	NS	NS						NS
	4/5/01	0.009	ND	ND	ND	0.009						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS
RW-1	10/17/95	NS	NS	NS	NS	NS						NS
	2/7/96	NS	NS	NS	NS	NS						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	NS	NS	NS	NS	NS						NS
	10/2/96	NS	NS	NS	NS	NS						NS
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	NS	NS	NS	NS	NS						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	4/15/99	NS	NS	NS	NS	NS						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	NS	NS	NS	NS	NS						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/5/01	NS	NS	NS	NS	NS						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS
RW-2	10/17/95	NS	NS	NS	NS	NS						NS
	2/7/96	NS	NS	NS	NS	NS						NS
	4/3/96	NS	NS	NS	NS	NS						NS
	7/18/96	NS	NS	NS	NS	NS						NS
	10/2/96	NS	NS	NS	NS	NS						NS
	10/9/97	NS	NS	NS	NS	NS						NS
	1/22/98	NS	NS	NS	NS	NS						NS
	5/5/98	NS	NS	NS	NS	NS						NS
	7/8/98	NS	NS	NS	NS	NS						NS
	10/2/98	NS	NS	NS	NS	NS						NS
	4/15/99	NS	NS	NS	NS	NS						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/28/00	NS	NS	NS	NS	NS						NS
	1/13/00	NS	NS	NS	NS	NS						NS
	4/5/01	NS	NS	NS	NS	NS						NS
	7/10/01	NS	NS	NS	NS	NS						NS
	10/3/01	NS	NS	NS	NS	NS						NS
	1/28/02	NS	NS	NS	NS	NS						NS

ND = None Detected NS = Not Sampled per client sample schedule PSH = PSH present in the well, not sampled

ATTACHMENT C

Analytical Data

Summary Report

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

Report Date: February 1, 2002

Order ID Number: A01010413

Project Number: EV-379
Project Name: Lea Station
Project Location: Lea County, New Mexico

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
161814	MW-4	Water	1/3/01	:	1/4/01
161815	MW-5	Water	1/3/01	:	1/4/01
161816	MW-6	Water	1/3/01	:	1/4/01
161817	MW-7	Water	1/3/01	:	1/4/01
161818	MW-10	Water	1/3/01	:	1/4/01

0 This report consists of a total of 2 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)
161814 - MW-4	<0.005	<0.005	<0.005	<0.005	<0.005
161815 - MW-5	<0.005	<0.005	<0.005	<0.005	<0.005
161816 - MW-6	<0.005	<0.005	<0.005	<0.005	<0.005
161817 - MW-7	<0.005	<0.005	<0.005	<0.005	<0.005
161818 - MW-10	<0.005	<0.005	<0.005	<0.005	<0.005

Sample: 161814 - MW-4

Param	Flag	Result	Units
Naphthalene		<0.005	mg/L
1-Methylnaphthalene		<0.005	mg/L
2-Methylnaphthalene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L

Sample: 161815 - MW-5

Param	Flag	Result	Units
Naphthalene		<0.005	mg/L
1-Methylnaphthalene		<0.005	mg/L
2-Methylnaphthalene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L

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

Sample: 161816 - MW-6

Param	Flag	Result	Units
Naphthalene		<0.005	mg/L
1-Methylnaphthalene		0.017	mg/L
2-Methylnaphthalene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L

Sample: 161817 - MW-7

Param	Flag	Result	Units
Naphthalene		<0.005	mg/L
1-Methylnaphthalene		<0.005	mg/L
2-Methylnaphthalene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L

Sample: 161818 - MW-10

Param	Flag	Result	Units
Naphthalene		<0.005	mg/L
1-Methylnaphthalene		<0.005	mg/L
2-Methylnaphthalene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L

Analytical and Quality Control Report

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

Report Date: February 1, 2002

Order ID Number: A01010413

Project Number: EV-379
Project Name: Lea Station
Project Location: Lea County, 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
161814	MW-4	Water	1/3/01	:	1/4/01
161815	MW-5	Water	1/3/01	:	1/4/01
161816	MW-6	Water	1/3/01	:	1/4/01
161817	MW-7	Water	1/3/01	:	1/4/01
161818	MW-10	Water	1/3/01	:	1/4/01

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: 161814 - MW-4

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC07999	Date Analyzed:	1/8/01
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB06986	Date Prepared:	1/5/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
1-Methylnaphthalene		<0.005	mg/L	1	0.005
2-Methylnaphthalene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		27.06	mg/Kg	1	80	33	21 - 100
Phenol-d5		20.04	mg/Kg	1	80	25	11 - 94
Nitrobenzene-d5		64.43	mg/Kg	1	80	80	35 - 114
2-Fluorobiphenyl		65.80	mg/Kg	1	80	82	43 - 116
2,4,6-Tribromophenol		63.02	mg/Kg	1	80	78	10 - 123
Terphenyl-d14		61.19	mg/Kg	1	80	76	33 - 141

Sample: 161814 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC08024	Date Analyzed:	1/10/01
Analyst:	JW	Preparation Method:	5035	Prep Batch:	PB07010	Date Prepared:	1/10/01

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		0.509	mg/Kg	1	0.10	101	72 - 128
4-BFB		0.436	mg/Kg	1	0.10	87	72 - 128

Sample: 161815 - MW-5

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC07999	Date Analyzed:	1/8/01
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB06986	Date Prepared:	1/5/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
1-Methylnaphthalene		<0.005	mg/L	1	0.005
2-Methylnaphthalene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		25.55	mg/Kg	1	80	31	21 - 100
Phenol-d5		19.18	mg/Kg	1	80	23	11 - 94
Nitrobenzene-d5		60.10	mg/Kg	1	80	75	35 - 114
2-Fluorobiphenyl		63.95	mg/Kg	1	80	79	43 - 116
2,4,6-Tribromophenol		71.25	mg/Kg	1	80	89	10 - 123
Terphenyl-d14		55.24	mg/Kg	1	80	69	33 - 141

Sample: 161815 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC08091	Date Analyzed:	1/12/01
Analyst:	JW	Preparation Method:	5035	Prep Batch:	PB07071	Date Prepared:	1/12/01

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		0.519	mg/Kg	1	0.10	103	72 - 128
4-BFB		0.438	mg/Kg	1	0.10	87	72 - 128

Sample: 161816 - MW-6

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC07999	Date Analyzed:	1/8/01
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB06986	Date Prepared:	1/5/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
1-Methylnaphthalene		0.017	mg/L	1	0.005
2-Methylnaphthalene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		27.28	mg/Kg	1	80	34	21 - 100
Phenol-d5		20.52	mg/Kg	1	80	25	11 - 94
Nitrobenzene-d5		63.01	mg/Kg	1	80	78	35 - 114
2-Fluorobiphenyl		62.29	mg/Kg	1	80	77	43 - 116
2,4,6-Tribromophenol		70.04	mg/Kg	1	80	87	10 - 123
Terphenyl-d14		48.44	mg/Kg	1	80	60	33 - 141

Sample: 161816 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC08044	Date Analyzed:	1/10/01
Analyst:	JW	Preparation Method:	5035	Prep Batch:	PB07028	Date Prepared:	1/10/01

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		0.499	mg/Kg	1	0.10	99	72 - 128
4-BFB		0.469	mg/Kg	1	0.10	93	72 - 128

Sample: 161817 - MW-7

Analysis: 8270 | Analytical Method: S 8270C | QC Batch: QC07999 | Date Analyzed: 1/8/01
Analyst: MA | Preparation Method: E 3510C | Prep Batch: PB06986 | Date Prepared: 1/5/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
1-Methylnaphthalene		<0.005	mg/L	1	0.005
2-Methylnaphthalene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		23.43	mg/Kg	1	80	29	21 - 100
Phenol-d5		18.44	mg/Kg	1	80	23	11 - 94
Nitrobenzene-d5		59.21	mg/Kg	1	80	74	35 - 114
2-Fluorobiphenyl		57.87	mg/Kg	1	80	72	43 - 116
2,4,6-Tribromophenol		63.92	mg/Kg	1	80	79	10 - 123
Terphenyl-d14		55.21	mg/Kg	1	80	69	33 - 141

Sample: 161817 - MW-7

Analysis: BTEX | Analytical Method: S 8021B | QC Batch: QC08044 | Date Analyzed: 1/10/01
Analyst: JW | Preparation Method: 5035 | Prep Batch: PB07028 | Date Prepared: 1/10/01

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		0.498	mg/Kg	1	0.10	99	72 - 128
4-BFB		0.448	mg/Kg	1	0.10	89	72 - 128

Sample: 161818 - MW-10

Analysis:	8270	Analytical Method:	S 8270C	QC Batch:	QC07999	Date Analyzed:	1/8/01
Analyst:	MA	Preparation Method:	E 3510C	Prep Batch:	PB06986	Date Prepared:	1/5/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
1-Methylnaphthalene		<0.005	mg/L	1	0.005
2-Methylnaphthalene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		29.22	mg/Kg	1	80	36	21 - 100
Phenol-d5		21.17	mg/Kg	1	80	26	11 - 94
Nitrobenzene-d5		66.05	mg/Kg	1	80	82	35 - 114
2-Fluorobiphenyl		65.55	mg/Kg	1	80	81	43 - 116
2,4,6-Tribromophenol		70.57	mg/Kg	1	80	88	10 - 123
Terphenyl-d14		58.21	mg/Kg	1	80	72	33 - 141

Sample: 161818 - MW-10

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC08044	Date Analyzed:	1/10/01
Analyst:	JW	Preparation Method:	5035	Prep Batch:	PB07028	Date Prepared:	1/10/01

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		0.492	mg/Kg	1	0.10	98	72 - 128
4-BFB		0.449	mg/Kg	1	0.10	89	72 - 128

Quality Control Report
Method Blank

Method Blank

QCBatch: QC07999

Param	Flag	Results	Units	Reporting Limit
Naphthalene		<0.005	mg/L	0.005
1-Methylnaphthalene		<0.005	mg/L	0.005
2-Methylnaphthalene		<0.005	mg/L	0.005
Benzo(a)pyrene		<0.005	mg/L	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		26.64	mg/L	1	80	33	21 - 100
Phenol-d5		19.12	mg/L	1	80	23	11 - 94
Nitrobenzene-d5		60.00	mg/L	1	80	75	35 - 114
2-Fluorobiphenyl		59.05	mg/L	1	80	73	43 - 116
2,4,6-Tribromophenol		65.09	mg/L	1	80	81	10 - 123
Terphenyl-d14		60.71	mg/L	1	80	75	33 - 141

Method Blank

QCBatch: QC08024

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		0.112	mg/L	1	0.10	112	72 - 128
4-BFB		0.099	mg/L	1	0.10	99	72 - 128

Method Blank

QCBatch: QC08044

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	72 - 128
4-BFB		0.092	mg/L	1	0.10	92	72 - 128

Method Blank

QCBatch: QC08091

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		0.106	mg/L	1	0.10	106	72 - 128
4-BFB		0.09	mg/L	1	0.10	90	72 - 128

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC07999

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Phenol	18.244	17.669	mg/L	1	80	<0.005	22	3	5 - 112	20
2-Chlorophenol	54.135	53.904	mg/L	1	80	<0.005	67	0	23 - 134	20
1,4-Dichlorobenzene	55.312	56.548	mg/L	1	80	<0.005	69	2	20 - 124	20
n-Nitrosodi-n-propylamine	77.654	69.991	mg/L	1	80	<0.005	97	10	0 - 230	20
1,2,4-Trichlorobenzene	61.930	61.574	mg/L	1	80	<0.005	77	0	44 - 142	20
4-Chloro-3-methylphenol	65.968	61.541	mg/L	1	80	<0.005	82	6	22 - 147	20
Acenaphthene	70.488	69.862	mg/L	1	80	<0.005	88	0	47 - 145	20
4-Nitrophenol	21.107	18.674	mg/L	1	80	<0.005	26	12	0 - 132	20
2,4-Dinitrotoluene	74.866	69.759	mg/L	1	80	<0.005	93	7	39 - 139	20
Pentachlorophenol	56.348	52.016	mg/L	1	80	<0.005	70	7	14 - 176	20
Pyrene	63.168	62.888	mg/L	1	80	<0.005	78	0	52 - 115	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
2-Fluorophenol	27.76	28.99	mg/L	1	80	34	36	21 - 100
Phenol-d5	19.28	18.96	mg/L	1	80	24	23	11 - 94
Nitrobenzene-d5	66.47	68.85	mg/L	1	80	83	86	35 - 114
2-Fluorobiphenyl	67.57	67.76	mg/L	1	80	84	84	43 - 116
2,4,6-Tribromophenol	76.71	71.22	mg/L	1	80	95	89	10 - 123
Terphenyl-d14	64.46	62.22	mg/L	1	80	80	77	33 - 141

Laboratory Control Spikes

QCBatch: QC08024

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.102	0.101	mg/L	1	0.10	<0.001	102	0	80 - 120	20
Benzene	0.097	0.098	mg/L	1	0.10	<0.001	97	1	80 - 120	20
Toluene	0.093	0.094	mg/L	1	0.10	<0.001	93	1	80 - 120	20
Ethylbenzene	0.094	0.095	mg/L	1	0.10	<0.001	94	1	80 - 120	20
M,P,O-Xylene	0.256	0.257	mg/L	1	0.30	<0.001	85	0	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	0.099	0.098	mg/L	1	0.10	99	98	72 - 128
4-BFB	0.091	0.089	mg/L	1	0.10	91	89	72 - 128

Laboratory Control Spikes

QCBatch: QC08044

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.117	0.115	mg/L	1	0.10	<0.001	117	1	80 - 120	20
Benzene	0.103	0.101	mg/L	1	0.10	<0.001	103	1	80 - 120	20
Toluene	0.1	0.097	mg/L	1	0.10	<0.001	100	3	80 - 120	20
Ethylbenzene	0.1	0.098	mg/L	1	0.10	<0.001	100	2	80 - 120	20
M,P,O-Xylene	0.277	0.27	mg/L	1	0.30	<0.001	92	2	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	0.101	0.102	mg/L	1	0.10	101	102	72 - 128
4-BFB	0.097	0.097	mg/L	1	0.10	97	97	72 - 128

Laboratory Control Spikes

QCBatch: QC08091

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.1	0.102	mg/L	1	0.10	<0.001	100	1	80 - 120	20
Benzene	0.104	0.102	mg/L	1	0.10	<0.001	104	1	80 - 120	20
Toluene	0.097	0.095	mg/L	1	0.10	<0.001	97	2	80 - 120	20
Ethylbenzene	0.096	0.094	mg/L	1	0.10	<0.001	96	2	80 - 120	20
M,P,O-Xylene	0.264	0.258	mg/L	1	0.30	<0.001	88	2	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	0.101	0.1	mg/L	1	0.10	101	100	72 - 128
4-BFB	0.092	0.09	mg/L	1	0.10	92	90	72 - 128

Continuing Calibration Verification Standards

CCV (1) QCBatch: QC07999

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Phenol		mg/L	60	63.36	105	80 - 120	1/8/01
1,4-Dichlorobenzene		mg/L	60	59.99	99	80 - 120	1/8/01
2-Nitrophenol		mg/L	60	59.38	98	80 - 120	1/8/01
2,4-Dichlorophenol		mg/L	60	59.00	98	80 - 120	1/8/01
Hexachlorobutadiene		mg/L	60	57.39	95	80 - 120	1/8/01
4-Chloro-3-methylphenol		mg/L	60	58.96	98	80 - 120	1/8/01
2,4,6-Trichlorophenol		mg/L	60	58.66	97	80 - 120	1/8/01
Acenaphthene		mg/L	60	60.79	101	80 - 120	1/8/01
Diphenylamine		mg/L	60	58.49	97	80 - 120	1/8/01
Pentachlorophenol		mg/L	60	59.78	99	80 - 120	1/8/01
Fluoranthene		mg/L	60	65.35	108	80 - 120	1/8/01
Di-n-octylphthalate		mg/L	60	52.52	87	80 - 120	1/8/01
Benzo(a)pyrene		mg/L	60	60.28	100	80 - 120	1/8/01
2-Fluorophenol		mg/L	60	60.80	101	80 - 120	1/8/01
Phenol-d5		mg/L	60	65.62	109	80 - 120	1/8/01
Nitrobenzene-d5		mg/L	60	59.93	99	80 - 120	1/8/01
2-Fluorobiphenyl		mg/L	60	61.30	102	80 - 120	1/8/01
2,4,6-Tribromophenol		mg/L	60	66.12	110	80 - 120	1/8/01
Terphenyl-d14		mg/L	60	54.87	91	80 - 120	1/8/01

CCV (1) QCBatch: QC08024

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.1	100	85 - 115	1/10/01
Benzene		mg/L	0.10	0.098	98	85 - 115	1/10/01
Toluene		mg/L	0.10	0.095	95	85 - 115	1/10/01
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	1/10/01
M,P,O-Xylene		mg/L	0.30	0.261	87	85 - 115	1/10/01

CCV (2) QCBatch: QC08024

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.103	103	85 - 115	1/10/01
Benzene		mg/L	0.10	0.099	99	85 - 115	1/10/01
Toluene		mg/L	0.10	0.095	95	85 - 115	1/10/01
Ethylbenzene		mg/L	0.10	0.096	96	85 - 115	1/10/01
M,P,O-Xylene		mg/L	0.30	0.262	87	85 - 115	1/10/01

ICV (1) QCBatch: QC08024

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.105	105	85 - 115	1/10/01
Benzene		mg/L	0.10	0.098	98	85 - 115	1/10/01
Toluene		mg/L	0.10	0.094	94	85 - 115	1/10/01
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	1/10/01
M,P,O-Xylene		mg/L	0.30	0.256	85	85 - 115	1/10/01

CCV (1) QCBatch: QC08044

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.104	104	85 - 115	1/10/01
Benzene		mg/L	0.10	0.101	101	85 - 115	1/10/01
Toluene		mg/L	0.10	0.097	97	85 - 115	1/10/01
Ethylbenzene		mg/L	0.10	0.096	96	85 - 115	1/10/01
M,P,O-Xylene		mg/L	0.30	0.266	88	85 - 115	1/10/01

CCV (2) QCBatch: QC08044

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.106	106	85 - 115	1/10/01
Benzene		mg/L	0.10	0.1	100	85 - 115	1/10/01
Toluene		mg/L	0.10	0.095	95	85 - 115	1/10/01
Ethylbenzene		mg/L	0.10	0.094	94	85 - 115	1/10/01
M,P,O-Xylene		mg/L	0.30	0.257	85	85 - 115	1/10/01

ICV (1) QCBatch: QC08044

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.112	112	85 - 115	1/10/01
Benzene		mg/L	0.10	0.101	101	85 - 115	1/10/01
Toluene		mg/L	0.10	0.098	98	85 - 115	1/10/01
Ethylbenzene		mg/L	0.10	0.098	98	85 - 115	1/10/01
M,P,O-Xylene		mg/L	0.30	0.27	90	85 - 115	1/10/01

CCV (1) QCBatch: QC08091

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.104	104	85 - 115	1/12/01
Benzene		mg/L	0.10	0.102	102	85 - 115	1/12/01
Toluene		mg/L	0.10	0.096	96	85 - 115	1/12/01
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	1/12/01
M,P,O-Xylene		mg/L	0.30	0.259	86	85 - 115	1/12/01

CCV (2)

QCBatch: QC08091

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.097	97	85 - 115	1/12/01
Benzene		mg/L	0.10	0.1	100	85 - 115	1/12/01
Toluene		mg/L	0.10	0.092	92	85 - 115	1/12/01
Ethylbenzene		mg/L	0.10	0.09	90	85 - 115	1/12/01
M,P,O-Xylene		mg/L	0.30	0.252	84	85 - 115	1/12/01

ICV (1)

QCBatch: QC08091

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.12	120	85 - 115	1/12/01
Benzene		mg/L	0.10	0.121	121	85 - 115	1/12/01
Toluene		mg/L	0.10	0.113	113	85 - 115	1/12/01
Ethylbenzene		mg/L	0.10	0.112	112	85 - 115	1/12/01
M,P,O-Xylene		mg/L	0.30	0.657	219	85 - 115	1/12/01

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PMB 40 FM 1960 West
Houston, Tx. 77090

Report Date: April 26, 2001

Order ID Number: A01041015

Project: EQ 102
TA Job Code: Lea
Casualty Code: Lea Station
Project Location: EQ 102
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
168659	MW-4	Water	4/5/01	:	4/10/01
168660	MW-5	Water	4/5/01	:	4/10/01
168661	MW-6	Water	4/5/01	:	4/10/01
168662	MW-7	Water	4/5/01	:	4/10/01
168663	MW-8	Water	4/5/01	:	4/10/01
168664	MW-9	Water	4/5/01	:	4/10/01
168665	MW-10	Water	4/5/01	:	4/10/01
168666	MW-11	Water	4/5/01	:	4/10/01
168667	MW-12	Water	4/5/01	:	4/10/01
168668	MW-13	Water	4/5/01	:	4/10/01

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.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 168659 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10477	Date Analyzed:	4/12/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09006	Date Prepared:	4/12/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.006	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		0.006	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.075	mg/L	1	0.10	75	72 - 128
4-BFB		0.082	mg/L	1	0.10	82	72 - 128

Sample: 168660 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10477	Date Analyzed:	4/12/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09006	Date Prepared:	4/12/01

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		0.503	mg/L	5	0.10	101	72 - 128
4-BFB		0.433	mg/L	5	0.10	87	72 - 128

Sample: 168661 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10477	Date Analyzed:	4/12/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09006	Date Prepared:	4/12/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.007	mg/L	1	0.001
Toluene		<0.001	mg/L	1	0.001
Ethylbenzene		0.013	mg/L	1	0.001
M,P,O-Xylene		0.033	mg/L	1	0.001
Total BTEX		0.053	mg/L	1	0.001

Continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.105	mg/L	1	0.10	105	72 - 128
4-BFB		0.101	mg/L	1	0.10	101	72 - 128

Sample: 168662 - MW-7

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10477	Date Analyzed:	4/12/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09006	Date Prepared:	4/12/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.006	mg/L	1	0.001
Toluene		0.012	mg/L	1	0.001
Ethylbenzene		0.013	mg/L	1	0.001
M,P,O-Xylene		0.034	mg/L	1	0.001
Total BTEX		0.065	mg/L	1	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.102	mg/L	1	0.10	102	72 - 128
4-BFB		0.087	mg/L	1	0.10	87	72 - 128

Sample: 168663 - MW-8

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10477	Date Analyzed:	4/12/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09006	Date Prepared:	4/12/01

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		0.094	mg/L	1	0.10	94	72 - 128
4-BFB		0.081	mg/L	1	0.10	81	72 - 128

Sample: 168664 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10477	Date Analyzed:	4/12/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09006	Date Prepared:	4/12/01

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 ...

... *Continued* Sample: 168664 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		0.103	mg/L	1	0.10	103	72 - 128
4-BFB		0.09	mg/L	1	0.10	90	72 - 128

Sample: 168665 - MW-10

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10648	Date Analyzed:	4/19/01
Analyst:	JW	Preparation Method:	E 5030B	Prep Batch:	PB09142	Date Prepared:	4/19/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		0.006	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		0.006	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-BFB		0.430	mg/L	5	0.10	86	72 - 128
TFT		0.456	mg/L	5	0.10	91	72 - 128

Sample: 168666 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10515	Date Analyzed:	4/16/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09035	Date Prepared:	4/16/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		2.18	mg/L	200	0.001
Toluene		<0.2	mg/L	200	0.001
Ethylbenzene		0.596	mg/L	200	0.001
M,P,O-Xylene		0.268	mg/L	200	0.001
Total BTEX		3.04	mg/L	200	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		18.6	mg/L	1	0.10	93	72 - 128
4-BFB		17.3	mg/L	1	0.10	86	72 - 128

Sample: 168667 - MW-12

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10515	Date Analyzed:	4/16/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09035	Date Prepared:	4/16/01

Continued ...

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.195	mg/L	10	0.001
Toluene		<0.01	mg/L	10	0.001
Ethylbenzene		0.022	mg/L	10	0.001
M,P,O-Xylene		<0.01	mg/L	10	0.001
Total BTEX		0.218	mg/L	10	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.938	mg/L	1	0.10	93	72 - 128
4-BFB		0.893	mg/L	1	0.10	89	72 - 128

Sample: 168668 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC10515	Date Analyzed:	4/16/01
Analyst:	RC	Preparation Method:	E 5030B	Prep Batch:	PB09035	Date Prepared:	4/16/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.009	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		0.009	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.468	mg/L	1	0.10	93	72 - 128
4-BFB		0.432	mg/L	1	0.10	86	72 - 128

Quality Control Report
Method Blank

Method Blank QCBatch: QC10477

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		0.096	mg/L	1	0.10	96	72 - 128
4-BFB		0.082	mg/L	1	0.10	82	72 - 128

Method Blank QCBatch: QC10515

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		0.093	mg/L	1	0.10	93	72 - 128
4-BFB		0.084	mg/L	1	0.10	84	72 - 128

Method Blank QCBatch: QC10648

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		0.098	mg/L	1	0.10	98	72 - 128
4-BFB		0.091	mg/L	1	0.10	91	72 - 128

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC10477

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.096	0.085	mg/L	1	0.10	<0.001	96	12	80 - 120	20
Benzene	0.099	0.091	mg/L	1	0.10	<0.001	99	8	80 - 120	20
Toluene	0.094	0.087	mg/L	1	0.10	<0.001	94	7	80 - 120	20
Ethylbenzene	0.093	0.086	mg/L	1	0.10	<0.001	93	7	80 - 120	20
M,P,O-Xylene	0.284	0.261	mg/L	1	0.30	<0.001	94	8	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	0.101	0.097	mg/L	1	0.10	101	97	72 - 128
4-BFB	0.097	0.092	mg/L	1	0.10	97	92	72 - 128

Laboratory Control Spikes

QCBatch: QC10515

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.11	0.108	mg/L	1	0.10	<0.001	110	1	80 - 120	20
Benzene	0.096	0.097	mg/L	1	0.10	<0.001	96	1	80 - 120	20
Toluene	0.1	0.101	mg/L	1	0.10	<0.001	100	0	80 - 120	20
Ethylbenzene	0.1	0.101	mg/L	1	0.10	<0.001	100	0	80 - 120	20
M,P,O-Xylene	0.301	0.304	mg/L	1	0.30	<0.001	100	0	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	0.091	0.092	mg/L	1	0.10	91	92	72 - 128
4-BFB	0.098	0.098	mg/L	1	0.10	98	98	72 - 128

Laboratory Control Spikes

QCBatch: QC10648

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.083	0.086	mg/L	1	0.10	<0.001	83	3	80 - 120	20
Benzene	0.092	0.097	mg/L	1	0.10	<0.001	92	5	80 - 120	20
Toluene	0.091	0.096	mg/L	1	0.10	<0.001	91	5	80 - 120	20
Ethylbenzene	0.09	0.095	mg/L	1	0.10	<0.001	90	5	80 - 120	20
M,P,O-Xylene	0.283	0.3	mg/L	1	0.30	<0.001	94	5	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	0.094	0.094	mg/L	1	0.10	94	94	72 - 128
4-BFB	0.105	0.106	mg/L	1	0.10	105	106	72 - 128

Quality Control Report
Continuing Calibration Verification Standards

CCV (1) QCBatch: QC10477

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	4/12/01
Benzene		mg/L	0.10	0.1	100	85 - 115	4/12/01
Toluene		mg/L	0.10	0.094	94	85 - 115	4/12/01
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	4/12/01
M,P,O-Xylene		mg/L	0.30	0.289	96	85 - 115	4/12/01

ICV (1) QCBatch: QC10477

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.09	90	85 - 115	4/12/01
Benzene		mg/L	0.10	0.097	97	85 - 115	4/12/01
Toluene		mg/L	0.10	0.092	92	85 - 115	4/12/01
Ethylbenzene		mg/L	0.10	0.092	92	85 - 115	4/12/01
M,P,O-Xylene		mg/L	0.30	0.279	93	85 - 115	4/12/01

CCV (1) QCBatch: QC10515

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.108	108	85 - 115	4/16/01
Benzene		mg/L	0.10	0.093	93	85 - 115	4/16/01
Toluene		mg/L	0.10	0.095	95	85 - 115	4/16/01
Ethylbenzene		mg/L	0.10	0.094	94	85 - 115	4/16/01
M,P,O-Xylene		mg/L	0.30	0.281	93	85 - 115	4/16/01

ICV (1) QCBatch: QC10515

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.099	99	85 - 115	4/16/01
Benzene		mg/L	0.10	0.087	87	85 - 115	4/16/01

Continued ...

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/L	0.10	0.091	91	85 - 115	4/16/01
Ethylbenzene		mg/L	0.10	0.091	91	85 - 115	4/16/01
M,P,O-Xylene		mg/L	0.30	0.276	92	85 - 115	4/16/01

CCV (1) QCBatch: QC10648

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.097	97	85 - 115	4/20/01
Benzene		mg/L	0.10	0.094	94	85 - 115	4/20/01
Toluene		mg/L	0.10	0.092	92	85 - 115	4/20/01
Ethylbenzene		mg/L	0.10	0.09	90	85 - 115	4/20/01
M,P,O-Xylene		mg/L	0.30	0.278	92	85 - 115	4/20/01

CCV (2) QCBatch: QC10648

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.099	99	85 - 115	4/20/01
Benzene		mg/L	0.10	0.094	94	85 - 115	4/20/01
Toluene		mg/L	0.10	0.091	91	85 - 115	4/20/01
Ethylbenzene		mg/L	0.10	0.091	91	85 - 115	4/20/01
M,P,O-Xylene		mg/L	0.30	0.283	94	85 - 115	4/20/01

ICV (1) QCBatch: QC10648

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.1	100	85 - 115	4/20/01
Benzene		mg/L	0.10	0.103	103	85 - 115	4/20/01
Toluene		mg/L	0.10	0.103	103	85 - 115	4/20/01
Ethylbenzene		mg/L	0.10	0.104	104	85 - 115	4/20/01
M,P,O-Xylene		mg/L	0.30	0.326	108	85 - 115	4/20/01

Summary Report

Kyle Landreneau
Equilon Pipeline Co.
PMB 40 FM 1960 West
Houston, Tx. 77090

Report Date: April 26, 2001

Order ID Number: A01041015

Project: EQ 102
TA Job Code: Lea
Casualty Code: Lea Station
Project Location: EQ 102
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
168659	MW-4	Water	4/5/01	:	4/10/01
168660	MW-5	Water	4/5/01	:	4/10/01
168661	MW-6	Water	4/5/01	:	4/10/01
168662	MW-7	Water	4/5/01	:	4/10/01
168663	MW-8	Water	4/5/01	:	4/10/01
168664	MW-9	Water	4/5/01	:	4/10/01
168665	MW-10	Water	4/5/01	:	4/10/01
168666	MW-11	Water	4/5/01	:	4/10/01
168667	MW-12	Water	4/5/01	:	4/10/01
168668	MW-13	Water	4/5/01	:	4/10/01

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 (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	M,P,O-Xylene (mg/L)	Total BTEX (mg/L)
168659 - MW-4	0.006	<0.001	<0.001	<0.001	0.006
168660 - MW-5	<0.005	<0.005	<0.005	<0.005	<0.005
168661 - MW-6	0.007	<0.001	0.013	0.033	0.053
168662 - MW-7	0.006	0.012	0.013	0.034	0.065
168663 - MW-8	<0.001	<0.001	<0.001	<0.001	<0.001
168664 - MW-9	<0.001	<0.001	<0.001	<0.001	<0.001
168665 - MW-10	<0.005	0.006	<0.005	<0.005	0.006
168666 - MW-11	2.18	<0.2	0.596	0.268	3.04
168667 - MW-12	0.195	<0.01	0.022	<0.01	0.218
168668 - MW-13	0.009	<0.005	<0.005	<0.005	0.009

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

Summary Report

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

Report Date: January 31, 2002

Order ID Number: A01071311

Project Number: EQ 102
Project Name: Lea
Project Location: Lea Station

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
175210	MW-4	Water	7/10/01	:	7/13/01
175211	MW-5	Water	7/10/01	:	7/13/01
175212	MW-6	Water	7/10/01	:	7/13/01
175213	MW-7	Water	7/10/01	:	7/13/01
175214	MW-9	Water	7/10/01	:	7/13/01
175215	MW-10	Water	7/10/01	:	7/13/01
175216	Effluent Air Sample	Air	7/10/01	:	7/13/01

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 (mg/m3)	Toluene (mg/m3)	Ethylbenzene (mg/m3)	M,P,O-Xylene (mg/m3)	Total BTEX (mg/m3)
175210 - MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
175211 - MW-5	<0.005	<0.005	<0.005	<0.005	<0.005
175212 - MW-6	<0.005	<0.005	<0.005	<0.005	<0.005
175213 - MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
175214 - MW-9	<0.001	<0.001	<0.001	<0.001	<0.001
175215 - MW-10	<0.005	<0.005	<0.005	<0.005	<0.005
175216 - Effluent Air Sample	<1	<1	<1	<1	<1

Sample: 175216 - Effluent Air Sample

Param	Flag	Result	Units
TVHC		38.9	mg/m3

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

Analytical and Quality Control Report

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

Report Date: January 31, 2002

Order ID Number: A01071311

Project Number: EQ 102
Project Name: Lea
Project Location: Lea Station

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
175210	MW-4	Water	7/10/01	:	7/13/01
175211	MW-5	Water	7/10/01	:	7/13/01
175212	MW-6	Water	7/10/01	:	7/13/01
175213	MW-7	Water	7/10/01	:	7/13/01
175214	MW-9	Water	7/10/01	:	7/13/01
175215	MW-10	Water	7/10/01	:	7/13/01
175216	Effluent Air Sample	Air	7/10/01	:	7/13/01

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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: 175210 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC12597	Date Analyzed:	7/13/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10769	Date Prepared:	7/13/01

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		0.0808	mg/L	1	0.10	81	72 - 128
4-BFB		0.0761	mg/L	1	0.10	76	72 - 128

Sample: 175211 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC12601	Date Analyzed:	7/15/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10773	Date Prepared:	7/15/01

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		0.458	mg/L	5	0.10	91	72 - 128
4-BFB		0.383	mg/L	5	0.10	76	72 - 128

Sample: 175212 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC12598	Date Analyzed:	7/13/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10770	Date Prepared:	7/13/01

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

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.427	mg/L	5	0.10	85	72 - 128
4-BFB		0.428	mg/L	5	0.10	85	72 - 128

Sample: 175213 - MW-7

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC12598	Date Analyzed:	7/13/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10770	Date Prepared:	7/13/01

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		0.0728	mg/L	1	0.10	73	72 - 128
4-BFB		0.0728	mg/L	1	0.10	73	72 - 128

Sample: 175214 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC12598	Date Analyzed:	7/13/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10770	Date Prepared:	7/13/01

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		0.0742	mg/L	1	0.10	74	72 - 128
4-BFB		0.0732	mg/L	1	0.10	73	72 - 128

Sample: 175215 - MW-10

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC12598	Date Analyzed:	7/13/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB10770	Date Prepared:	7/13/01

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

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... *Continued* Sample: 175215 Analysis: BTEX

Param	Flag	Result	Units	Dilution	RDL
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		0.444	mg/L	5	0.10	88	72 - 128
4-BFB		0.437	mg/L	5	0.10	87	72 - 128

Sample: 175216 - Effluent Air Sample

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12666 Date Analyzed: 7/17/01
Analyst: CG Preparation Method: S 5035 Prep Batch: PB10831 Date Prepared: 7/17/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<1	mg/m3	1000	0.001
Toluene		<1	mg/m3	1000	0.001
Ethylbenzene		<1	mg/m3	1000	0.001
M,P,O-Xylene		<1	mg/m3	1000	0.001
Total BTEX		<1	mg/m3	1000	0.001

Sample: 175216 - Effluent Air Sample

Analysis: TVHC Analytical Method: 8015 QC Batch: QC12667 Date Analyzed: 7/18/01
Analyst: CG Preparation Method: N/A Prep Batch: PB10831 Date Prepared: 7/17/01

Param	Flag	Result	Units	Dilution	RDL
TVHC		38.9	mg/m3	1	0.10

Quality Control Report
Method Blank

Method Blank

QCBatch: QC12597

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		0.0948	mg/L	1	0.10	95	72 - 128
4-BFB		0.0952	mg/L	1	0.10	95	72 - 128

Method Blank

QCBatch: QC12598

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		0.0941	mg/L	1	0.10	94	72 - 128
4-BFB		0.0922	mg/L	1	0.10	92	72 - 128

Method Blank

QCBatch: QC12601

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.01	mg/L	0.001
Toluene		<0.01	mg/L	0.001
Ethylbenzene		<0.01	mg/L	0.001
M,P,O-Xylene		<0.01	mg/L	0.001
Total BTEX		<0.01	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		1.01	mg/L	10	0.10	101	72 - 128
4-BFB		0.76	mg/L	10	0.10	76	72 - 128

Method Blank QCBatch: QC12666

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/m3	0.001
Toluene		<0.001	mg/m3	0.001
Ethylbenzene		<0.001	mg/m3	0.001
M,P,O-Xylene		<0.001	mg/m3	0.001
Total BTEX		<0.001	mg/m3	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0973	mg/m3	1	0.10	97	72 - 128
4-BFB		0.0871	mg/m3	1	0.10	87	72 - 128

Method Blank QCBatch: QC12667

Param	Flag	Results	Units	Reporting Limit
TVHC		<1	mg/m3	0.10

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes QCBatch: QC12597

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.09650.097	0.098	mg/L	1	0.10	<0.001	96	1	80 - 120	20
Benzene	0.101	0.102	mg/L	1	0.10	<0.001	101	0	80 - 120	20
Toluene	0.096	0.098	mg/L	1	0.10	<0.001	96	2	80 - 120	20
Ethylbenzene	0.096	0.097	mg/L	1	0.10	<0.001	96	1	80 - 120	20
M,P,O-Xylene	0.278	0.283	mg/L	1	0.30	<0.001	92	1	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	0.094	0.095	mg/L	1	0.10	94	95	72 - 128
4-BFB	0.095	0.096	mg/L	1	0.10	95	96	72 - 128

Laboratory Control Spikes QCBatch: QC12598

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.092	0.089	mg/L	1	0.10	<0.001	92	3	80 - 120	20
Benzene	0.102	0.096	mg/L	1	0.10	<0.001	102	6	80 - 120	20
Toluene	0.095	0.091	mg/L	1	0.10	<0.001	95	4	80 - 120	20

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Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Ethylbenzene	0.095	0.091	mg/L	1	0.10	<0.001	95	4	80 - 120	20
M,P,O-Xylene	0.275	0.263	mg/L	1	0.30	<0.001	91	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	0.091	0.087	mg/L	1	0.10	91	87	72 - 128
4-BFB	0.092	0.088	mg/L	1	0.10	92	88	72 - 128

Laboratory Control Spikes

QCBatch: QC12601

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.938	0.932	mg/L	10	0.10	<0.01	93	0	80 - 120	20
Benzene	0.937	0.988	mg/L	10	0.10	<0.01	93	5	80 - 120	20
Toluene	0.94	0.995	mg/L	10	0.10	<0.01	94	5	80 - 120	20
Ethylbenzene	0.945	1	mg/L	10	0.10	<0.01	94	5	80 - 120	20
M,P,O-Xylene	2.8	2.94	mg/L	10	0.30	<0.01	93	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	.104	.101	mg/L	1	0.10	104	101	72 - 128
4-BFB	.103	.101	mg/L	1	0.10	103	101	72 - 128

Laboratory Control Spikes

QCBatch: QC12666

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0969	0.0938	mg/m3	1	0.10	<0.001	96	3	80 - 120	20
Benzene	0.0976	0.0955	mg/m3	1	0.10	<0.001	97	2	80 - 120	20
Toluene	0.0975	0.0955	mg/m3	1	0.10	<0.001	97	2	80 - 120	20
Ethylbenzene	0.0976	0.0945	mg/m3	1	0.10	<0.001	97	3	80 - 120	20
M,P,O-Xylene	0.286	0.279	mg/m3	1	0.30	<0.001	95	2	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	0.093	0.0949	mg/m3	1	0.10	93	94	72 - 128
4-BFB	0.0944	0.093	mg/m3	1	0.10	94	93	72 - 128

Laboratory Control Spikes

QCBatch: QC12667

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
TVHC	0.935	1.03	mg/m3	1	1	<1	93	9	80 - 120	20

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

Quality Control Report
Continuing Calibration Verification Standards

CCV (1) QCBatch: QC12597

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.091	91	85 - 115	7/13/01
Benzene		mg/L	0.10	0.101	101	85 - 115	7/13/01
Toluene		mg/L	0.10	0.095	95	85 - 115	7/13/01
Ethylbenzene		mg/L	0.10	0.094	94	85 - 115	7/13/01
M,P,O-Xylene		mg/L	0.30	0.272	90	85 - 115	7/13/01

CCV (2) QCBatch: QC12597

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	7/13/01
Benzene		mg/L	0.10	0.1	100	85 - 115	7/13/01
Toluene		mg/L	0.10	0.095	95	85 - 115	7/13/01
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	7/13/01
M,P,O-Xylene		mg/L	0.30	0.275	91	85 - 115	7/13/01

ICV (1) QCBatch: QC12597

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.093	93	85 - 115	7/13/01
Benzene		mg/L	0.10	0.092	92	85 - 115	7/13/01
Toluene		mg/L	0.10	0.090	90	85 - 115	7/13/01
Ethylbenzene		mg/L	0.10	0.091	91	85 - 115	7/13/01
M,P,O-Xylene		mg/L	0.30	0.263	87	85 - 115	7/13/01

CCV (1) QCBatch: QC12598

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.088	88	85 - 115	7/13/01
Benzene		mg/L	0.10	0.092	92	85 - 115	7/13/01
Toluene		mg/L	0.10	0.087	87	85 - 115	7/13/01
Ethylbenzene		mg/L	0.10	0.087	87	85 - 115	7/13/01
M,P,O-Xylene		mg/L	0.30	0.25	83	85 - 115	7/13/01

CCV (2) QCBatch: QC12598

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	7/13/01
Benzene		mg/L	0.10	0.088	88	85 - 115	7/13/01
Toluene		mg/L	0.10	0.087	87	85 - 115	7/13/01
Ethylbenzene		mg/L	0.10	0.088	88	85 - 115	7/13/01
M,P,O-Xylene		mg/L	0.30	0.256	85	85 - 115	7/13/01

ICV (1) QCBatch: QC12598

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	7/13/01
Benzene		mg/L	0.10	0.1	100	85 - 115	7/13/01
Toluene		mg/L	0.10	0.096	96	85 - 115	7/13/01
Ethylbenzene		mg/L	0.10	0.095	95	85 - 115	7/13/01
M,P,O-Xylene		mg/L	0.30	0.277	92	85 - 115	7/13/01

CCV (1) QCBatch: QC12601

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.097	97	85 - 115	7/15/01
Benzene		mg/L	0.10	0.097	97	85 - 115	7/15/01
Toluene		mg/L	0.10	0.097	97	85 - 115	7/15/01
Ethylbenzene		mg/L	0.10	0.097	97	85 - 115	7/15/01
M,P,O-Xylene		mg/L	0.30	0.288	96	85 - 115	7/15/01

ICV (1) QCBatch: QC12601

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	7/15/01

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.10	0.094	94	85 - 115	7/15/01
Toluene		mg/L	0.10	0.094	94	85 - 115	7/15/01
Ethylbenzene		mg/L	0.10	0.094	94	85 - 115	7/15/01
M,P,O-Xylene		mg/L	0.30	0.278	92	85 - 115	7/15/01

CCV (1) QCBatch: QC12666

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0934	93	85 - 115	7/17/01
Toluene		mg/L	0.10	0.0999	99	85 - 115	7/17/01
Ethylbenzene		mg/L	0.10	0.0975	97	85 - 115	7/17/01
M,P,O-Xylene		mg/L	0.30	0.288	96	85 - 115	7/17/01

ICV (1) QCBatch: QC12666

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0984	98	85 - 115	7/17/01
Benzene		mg/L	0.10	0.098	98	85 - 115	7/17/01
Toluene		mg/L	0.10	0.0972	97	85 - 115	7/17/01
Ethylbenzene		mg/L	0.10	0.0957	95	85 - 115	7/17/01
M,P,O-Xylene		mg/L	0.30	0.283	94	85 - 115	7/17/01

CCV (1) QCBatch: QC12667

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TVHC		mg/m3	1	.886	88	80 - 120	7/18/01

ICV (1) QCBatch: QC12667

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
TVHC		mg/m3	1	.995	99	80 - 120	7/18/01

Summary Report

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

Report Date: October 11, 2001

Order ID Number: A01100807

Project: EQ 102
TA Job Code: Lea
Casualty Code: EQ 102
Project Location: Lea Station
Project Address:
Enercon Services Inc. / Midland / Jeff Kindley

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
181270	MW-4	Water	10/3/01	10:00	10/6/01
181271	MW-9	Water	10/3/01	10:10	10/6/01
181272	MW-10	Water	10/3/01	10:40	10/6/01
181273	MW-7	Water	10/3/01	11:20	10/6/01
181274	MW-6	Water	10/3/01	11:30	10/6/01
181275	MW-5	Water	10/3/01	11:50	10/6/01

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)
181270 - MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
181271 - MW-9	<0.001	<0.001	<0.001	<0.001	<0.001
181272 - MW-10	0.01	<0.005	<0.005	<0.005	0.01
181273 - MW-7	<0.001	<0.001	<0.001	<0.001	<0.001
181274 - MW-6	<0.005	<0.005	<0.005	<0.005	<0.005
181275 - MW-5	<0.001	<0.001	<0.001	<0.001	<0.001

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

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

Report Date: October 11, 2001

Order ID Number: A01100807

Project: EQ 102
TA Job Code: Lea
Casualty Code: EQ 102
Project Location: Lea Station
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
181270	MW-4	Water	10/3/01	10:00	10/6/01
181271	MW-9	Water	10/3/01	10:10	10/6/01
181272	MW-10	Water	10/3/01	10:40	10/6/01
181273	MW-7	Water	10/3/01	11:20	10/6/01
181274	MW-6	Water	10/3/01	11:30	10/6/01
181275	MW-5	Water	10/3/01	11:50	10/6/01

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.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 181270 - MW-4

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC14728	Date Analyzed:	10/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB12538	Date Prepared:	10/9/01

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	72 - 128
4-BFB		0.102	mg/L	1	0.10	102	72 - 128

Sample: 181271 - MW-9

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC14728	Date Analyzed:	10/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB12538	Date Prepared:	10/9/01

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		0.102	mg/L	1	0.10	102	72 - 128
4-BFB		0.0991	mg/L	1	0.10	99	72 - 128

Sample: 181272 - MW-10

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC14728	Date Analyzed:	10/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB12538	Date Prepared:	10/9/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.01	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		0.01	mg/L	5	0.001

Continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.448	mg/L	5	0.10	90	72 - 128
4-BFB		0.440	mg/L	5	0.10	88	72 - 128

Sample: 181273 - MW-7

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC14728	Date Analyzed:	10/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB12538	Date Prepared:	10/9/01

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		0.0985	mg/L	1	0.10	98	72 - 128
4-BFB		0.098	mg/L	1	0.10	98	72 - 128

Sample: 181274 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC14728	Date Analyzed:	10/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB12538	Date Prepared:	10/9/01

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		0.458	mg/L	5	0.10	92	72 - 128
4-BFB		0.451	mg/L	5	0.10	90	72 - 128

Sample: 181275 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	QC Batch:	QC14728	Date Analyzed:	10/9/01
Analyst:	CG	Preparation Method:	E 5030B	Prep Batch:	PB12538	Date Prepared:	10/9/01

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 ...

...Continued Sample: 181275 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		0.0934	mg/L	1	0.10	93	72 - 128
4-BFB		0.0911	mg/L	1	0.10	91	72 - 128

Quality Control Report
Method Blank

Method Blank

QCBatch: QC14728

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		0.0993	mg/L	1	0.10	99	72 - 128
4-BFB		0.0959	mg/L	1	0.10	96	72 - 128

Quality Control Report
Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes

QCBatch: QC14728

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.0964	0.0954	mg/L	1	0.10	<0.001	96	1	80 - 120	20
Benzene	0.0945	0.0936	mg/L	1	0.10	<0.001	94	1	80 - 120	20
Toluene	0.0966	0.0963	mg/L	1	0.10	<0.001	87	0	80 - 120	20
Ethylbenzene	0.0952	0.0943	mg/L	1	0.10	<0.001	95	1	80 - 120	20
M,P,O-Xylene	0.273	0.270	mg/L	1	0.30	<0.001	91	1	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	0.097	0.0976	mg/L	1	0.10	97	98	72 - 128
4-BFB	0.0962	0.0971	mg/L	1	0.10	96	97	72 - 128

Quality Control Report
Continuing Calibration Verification Standards

CCV (1)

QCBatch: QC14728

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.089	89	85 - 115	10/9/01
Benzene		mg/L	0.10	0.089	89	85 - 115	10/9/01

Continued ...

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/L	0.10	0.093	93	85 - 115	10/9/01
Ethylbenzene		mg/L	0.10	0.088	88	85 - 115	10/9/01
M,P,O-Xylene		mg/L	0.30	0.251	83	85 - 115	10/9/01

CCV (2)

QCBatch: QC14728

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.094	94	85 - 115	10/9/01
Benzene		mg/L	0.10	0.090	90	85 - 115	10/9/01
Toluene		mg/L	0.10	0.091	91	85 - 115	10/9/01
Ethylbenzene		mg/L	0.10	0.090	90	85 - 115	10/9/01
M,P,O-Xylene		mg/L	0.30	0.256	85	85 - 115	10/9/01

ICV (1)

QCBatch: QC14728

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.097	97	85 - 115	10/9/01
Benzene		mg/L	0.10	0.0946	95	85 - 115	10/9/01
Toluene		mg/L	0.10	0.0977	88	85 - 115	10/9/01
Ethylbenzene		mg/L	0.10	0.0962	96	85 - 115	10/9/01
M,P,O-Xylene		mg/L	0.30	0.276	92	85 - 115	10/9/01