1R - 120

REPORTS

DATE:

2004

ANNUAL MONITORING REPORT

1R-120

MONUMENT 11

LEA COUNTY, NEW MEXICO
SE ¼ NE ¼ SECTION 30, TOWNSHIP 19 SOUTH, RANGE 37 EAST
LNK ENERGY LEAK NUMBER: TNM MONUMENT-11
ETGI PROJECT NUMBER: LI 2054

PREPARED FOR:

LINK ENERGY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2004

ANNUAL MONITORING REPORT

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HOBBS, NEW MEXICO 88240

April 2004

Robert B. Eidson
Geologist / Senior Project Manager

Camille Reynolds for Todd Choban
Todd Choban
Regional Manager

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INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of Link Energy (Link), has prepared this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. This report is intended to be viewed as a complete document with figures, attachments, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2003 only. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during four quarterly events in calendar year 2003 to assess the levels and extent of dissolved phase and Phase-Separated Hydrocarbon (PSH) constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH, and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

FIELD ACTIVITIES

The monitor wells were gauged and sampled on February 10-11, May 13, August 22 and December 15, 2003. During each sampling event the monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Vista Trucking of Eunice, New Mexico from January through September and by Lobo Trucking of Hobbs, New Mexico between October and December utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, constructed from measurements collected during the quarterly monitoring events are depicted on Figures 2A-2D, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from water level measurements acquired during the quarterly monitoring events of 2003, indicated a gradient varying between 0.010 ft./ft. and 0.013 ft./ft. to the southeast as measured between groundwater monitor wells MW-4 and MW-3. The depth to groundwater as measured from the top of the well casing, ranged between 23.44 to 26.21 feet in the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor well MW-4 during the annual monitoring period. A maximum thickness of 0.05 foot was recorded and is shown on Table 1. An absorbent sock has been installed in monitor well MW-4 to recover PSH and is monitored weekly for PSH thickness and replacement purposes.

LABORATORY RESULTS

Groundwater samples collected during the monitoring events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. A cumulative listing of BTEX constituent concentrations is summarized in Table 2 and copies of the laboratory reports generated during this reporting period are provided as Appendix A. The inferred extent of PSH and groundwater sampling results for benzene and total BTEX concentrations are depicted on Figures 3A-3D, the Groundwater Concentration Maps.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the 2003 monitoring period indicate that benzene and total BTEX concentrations are below applicable NMOCD regulatory standards. However, at least a sheen of PSH was detected in monitor well MW-4 during each gauging event in 2003.

SUMMARY

This report presents the results of groundwater monitoring activities for the annual monitoring period 2003. A measurable thickness of PSH was detected in monitor well MW-4 during the annual monitoring period. A maximum thickness of 0.05 foot was measured during the first monitoring event of the 2003 reporting period.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly monitoring events of 2003, indicated a general gradient of 0.010 ft./ft. to 0.013 ft./ft. to the southeast as measured between groundwater monitor wells MW-4 and MW-3.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the monitoring period indicate that benzene and total BTEX concentrations are below applicable NMOCD regulatory standards. However, at least a sheen of PSH was detected in monitor well MW-4 during each gauging event in 2003.

Groundwater sampling results from samples collected at monitor wells MW-1, MW-2 and MW-3 have not exceeded the NMOCD regulatory standards for benzene or total BTEX concentrations for at least eight consecutive monitoring events. At this time, we are requesting that the above referenced monitor wells be gauged quarterly but sampled annually, until conditions for site closure are met.

DISTRIBUTION

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Hobbs, New Mexico 88240

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_____
Quality Control Reviewer

FIGURES

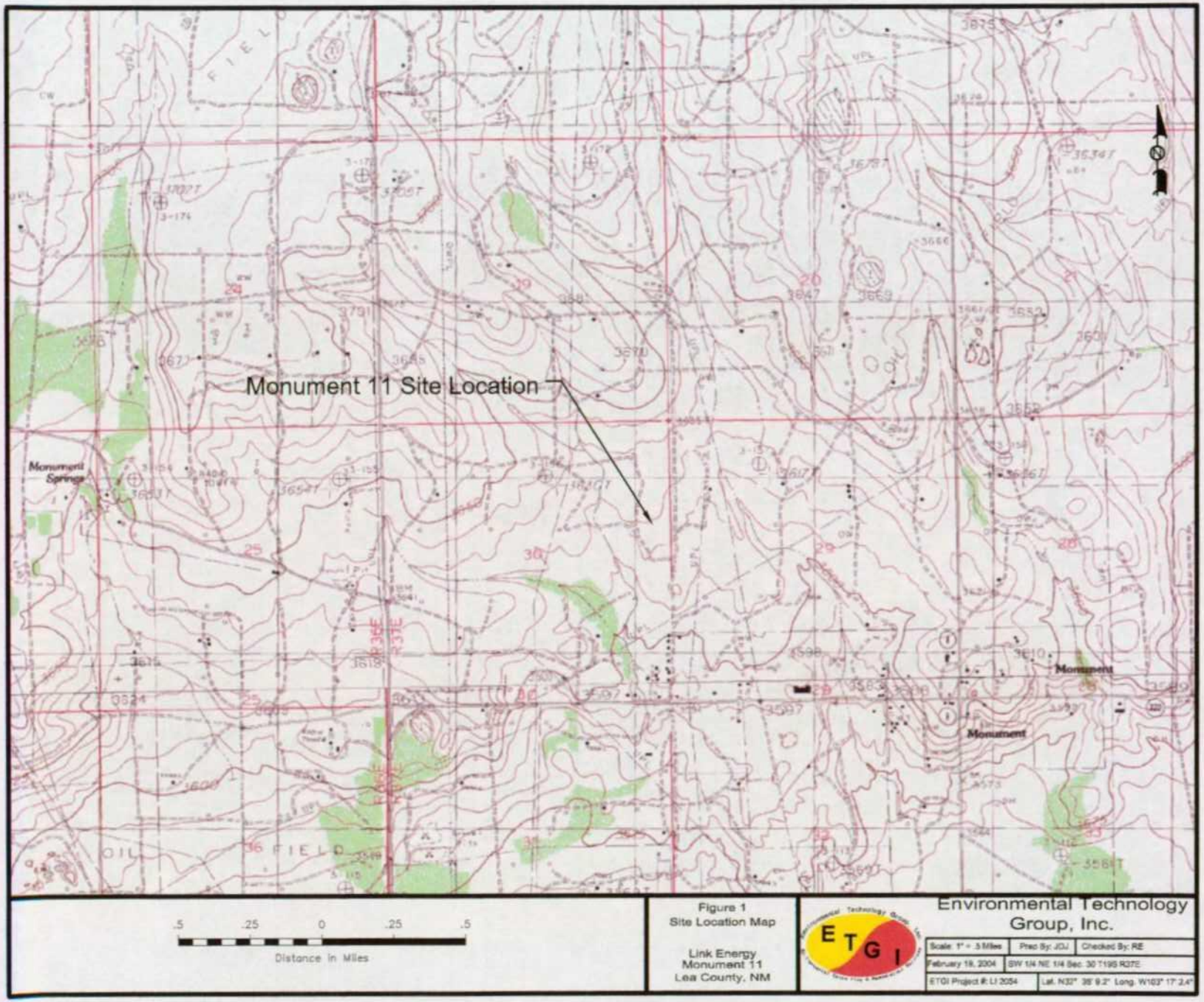
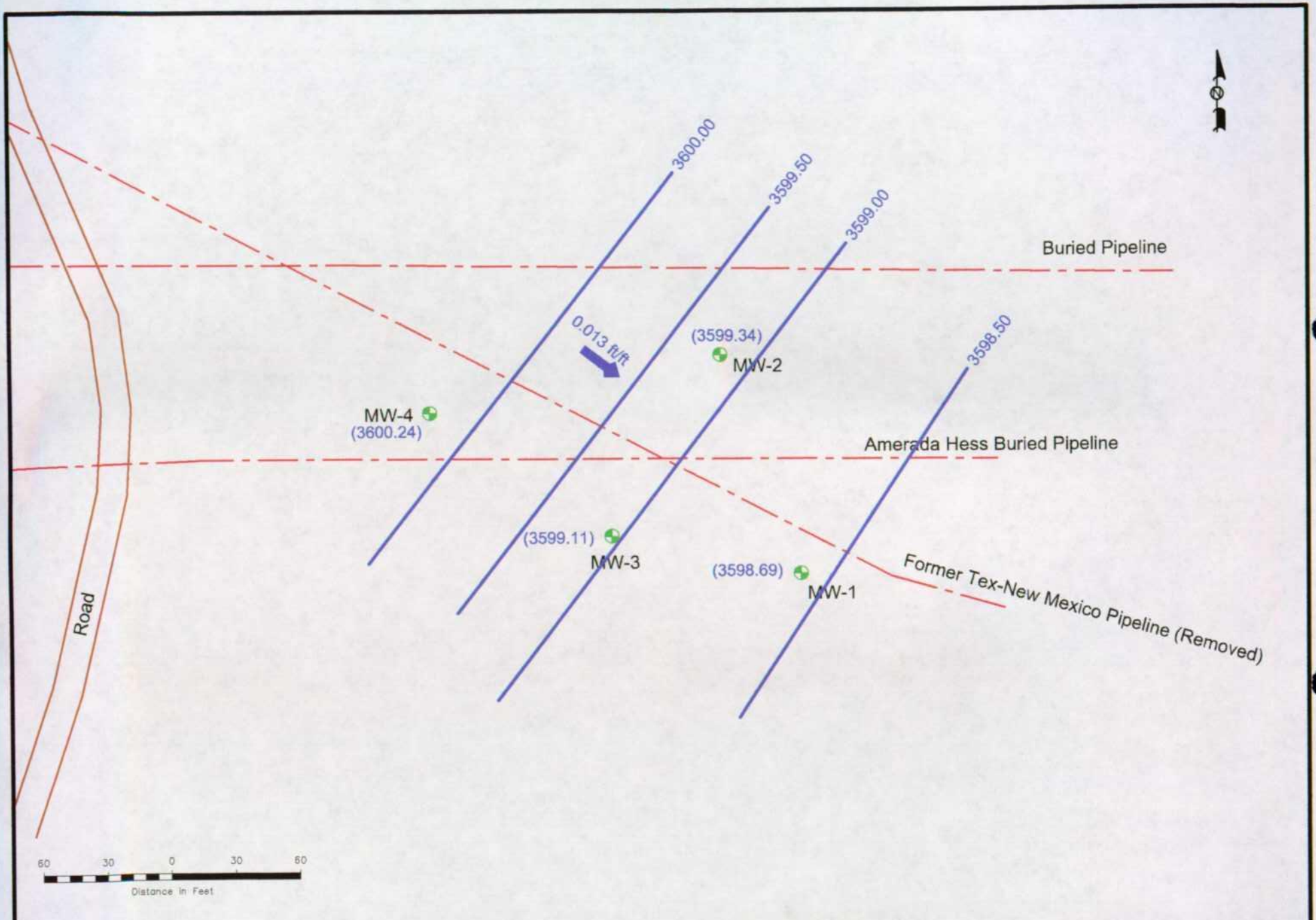


Figure 1
Site Location Map

Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = .5 Miles	Prep By: JDJ	Checked By: RE
February 18, 2004	SW 1/4 NE 1/4 Sec. 30 T19S R37E	
ETGI Project #: LI 2054	Lat. N32° 38' 9.2" Long. W103° 17' 2.4"	



Monitor Well Location

Groundwater Elevation Contour

(3599.10) Groundwater Elevation

0.012 ft/ft Gradient Direction And Magnitude

Figure 2A
Inferred Groundwater Gradient Map
2/10/03
Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI2054	32° 38' 07.2" N 103° 16' 56.0" W	

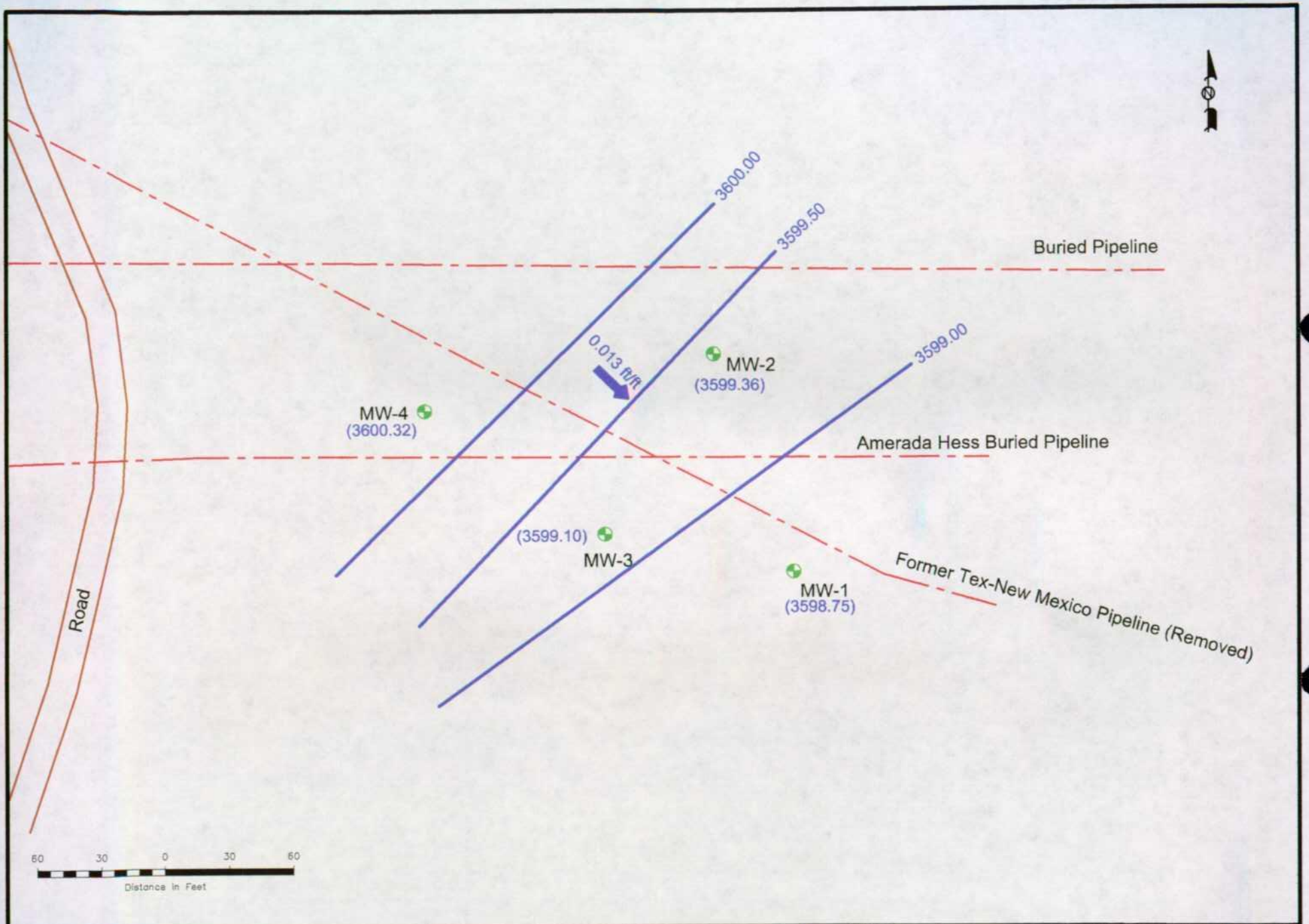
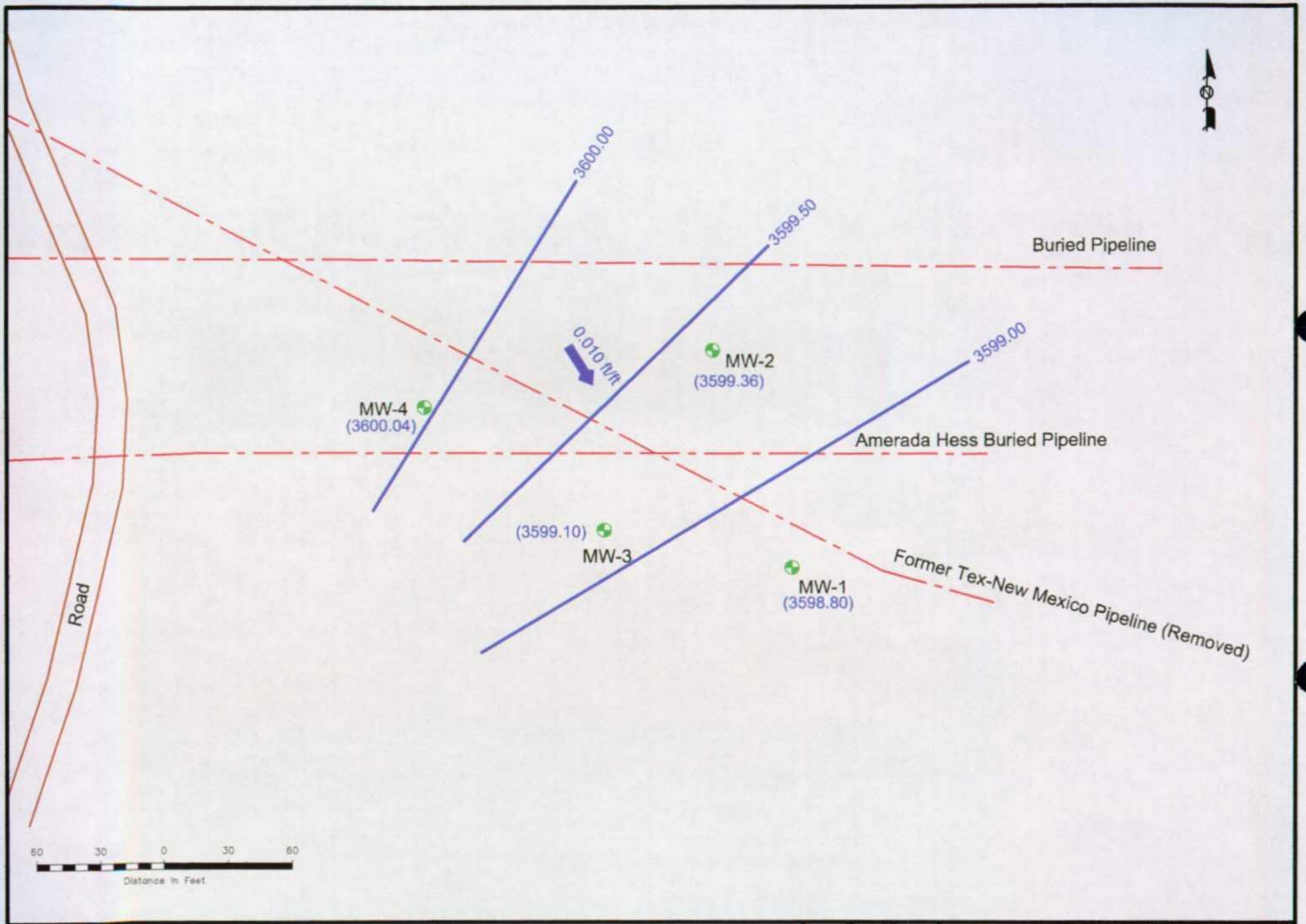


Figure 2B
Inferred Groundwater Gradient Map
5/13/03
Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI2054	32° 38' 07.2" N 103° 16' 86.0" W	



Monitor Well Location

Groundwater Elevation Contour

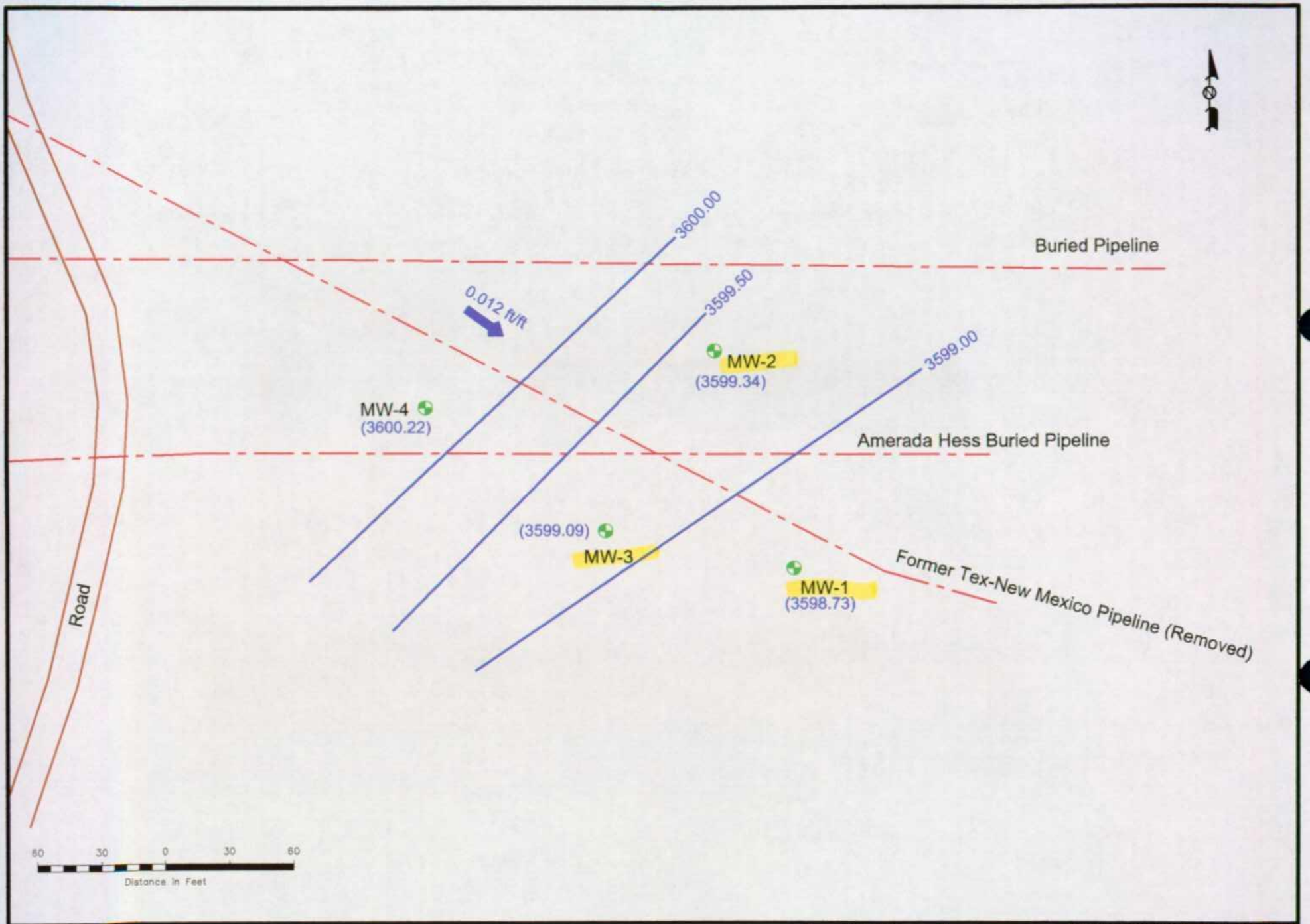
(3599.10) Groundwater Elevation

0.012 ft/ft Gradient Direction And Magnitude

Figure 2C
Inferred Groundwater Gradient Map
8/22/03
Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: L2054	32° 38' 07.2" N 103° 16' 58.0" W	



Monitor Well Location

Groundwater Elevation Contour

(3599.10) Groundwater Elevation

0.012 ft/ft Gradient Direction And Magnitude

Figure 2D
Inferred Groundwater Gradient Map
12/15/03
Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI2004	32° 38' 07.2" N 103° 16' 56.0" W	

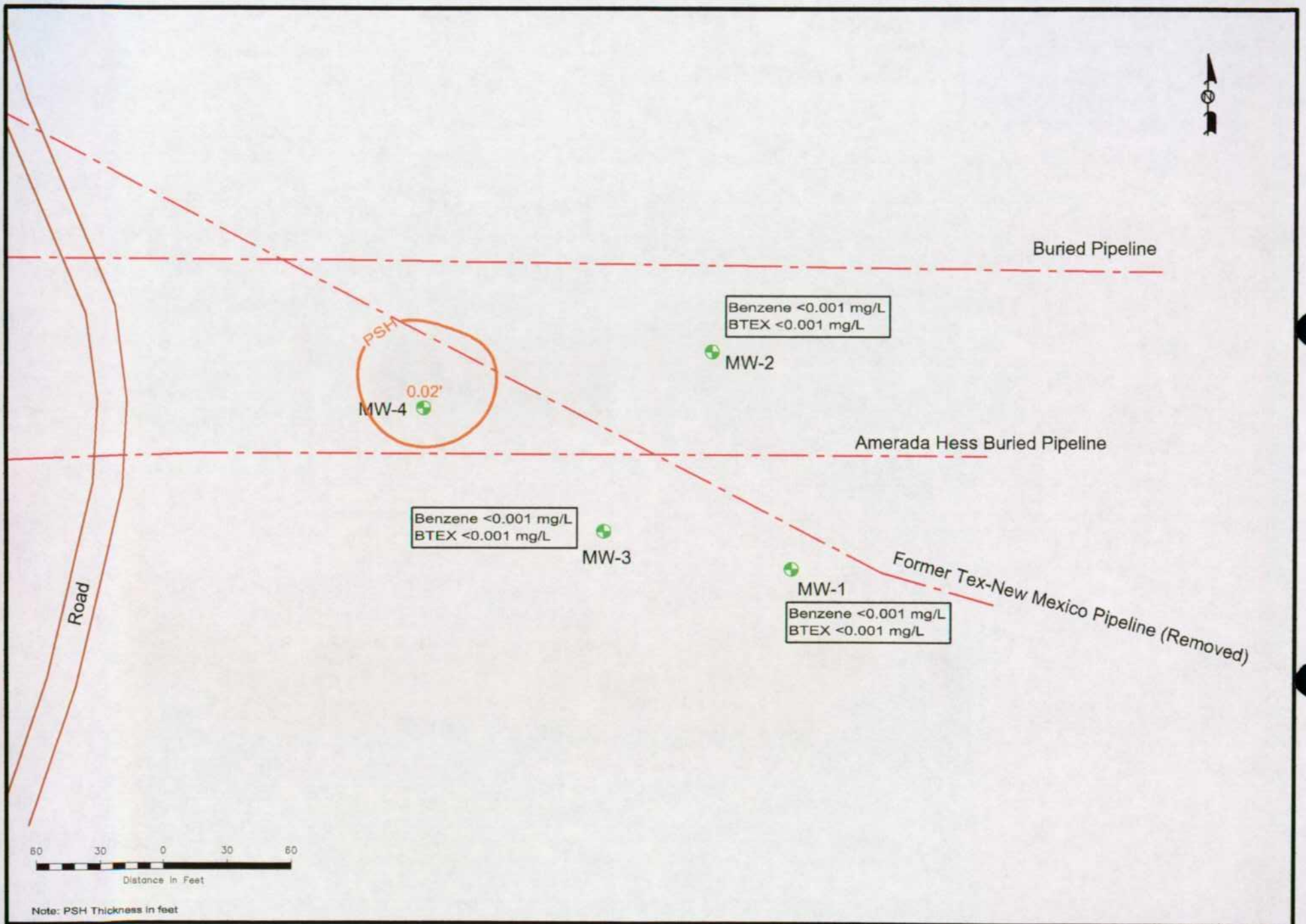
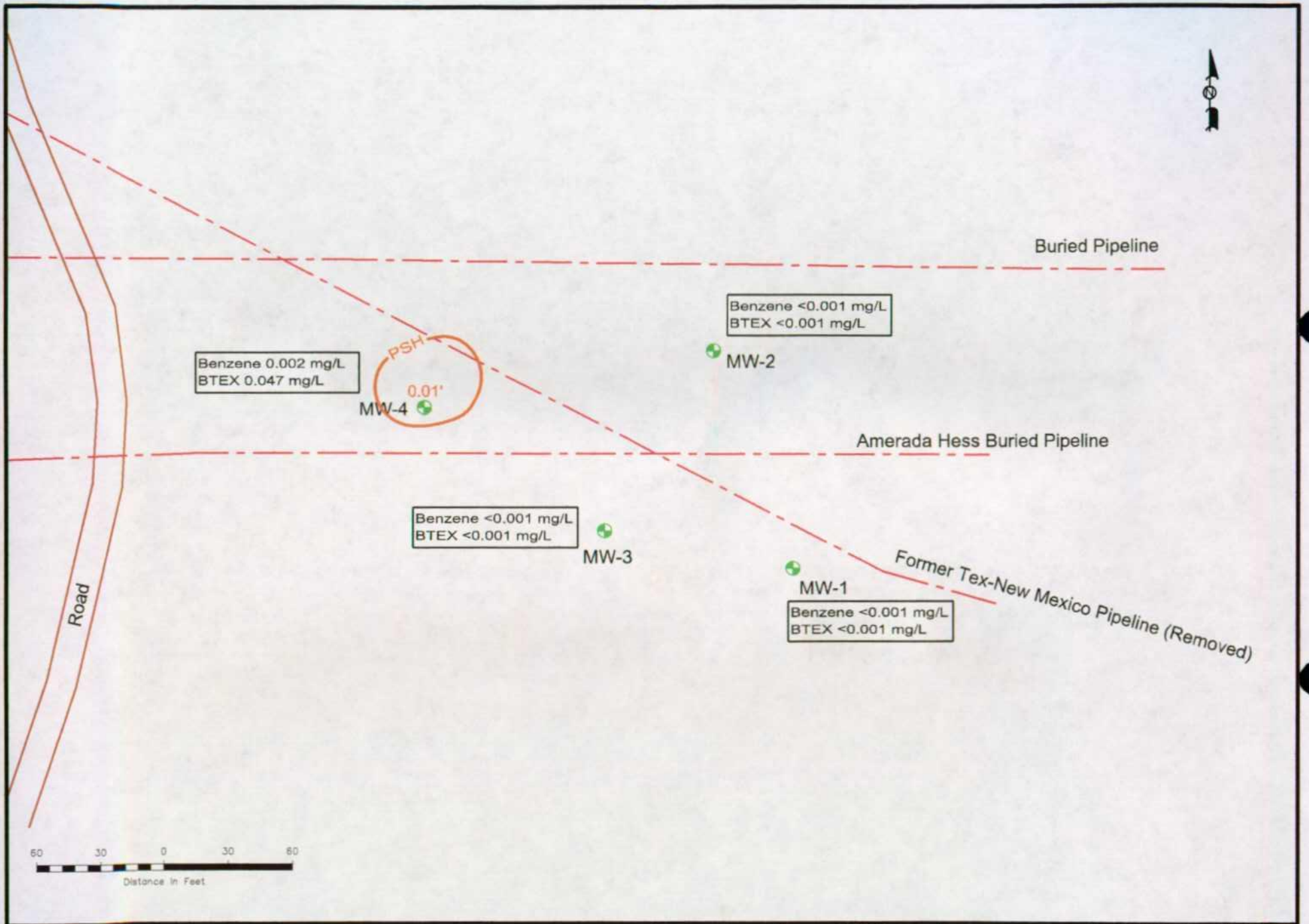


Figure 3A
Groundwater Concentration Map 2/11/03

Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI 2054	32° 38' 07.2" N 103° 16' 58.0" W	



Monitor Well Location

Inferred PSH Extent

Note: PSH Thickness in Feet

Figure 3B
Groundwater Concentration
Map 5/13/03

Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI 2004	32° 38' 07.2" N 103° 16' 56.0" W	

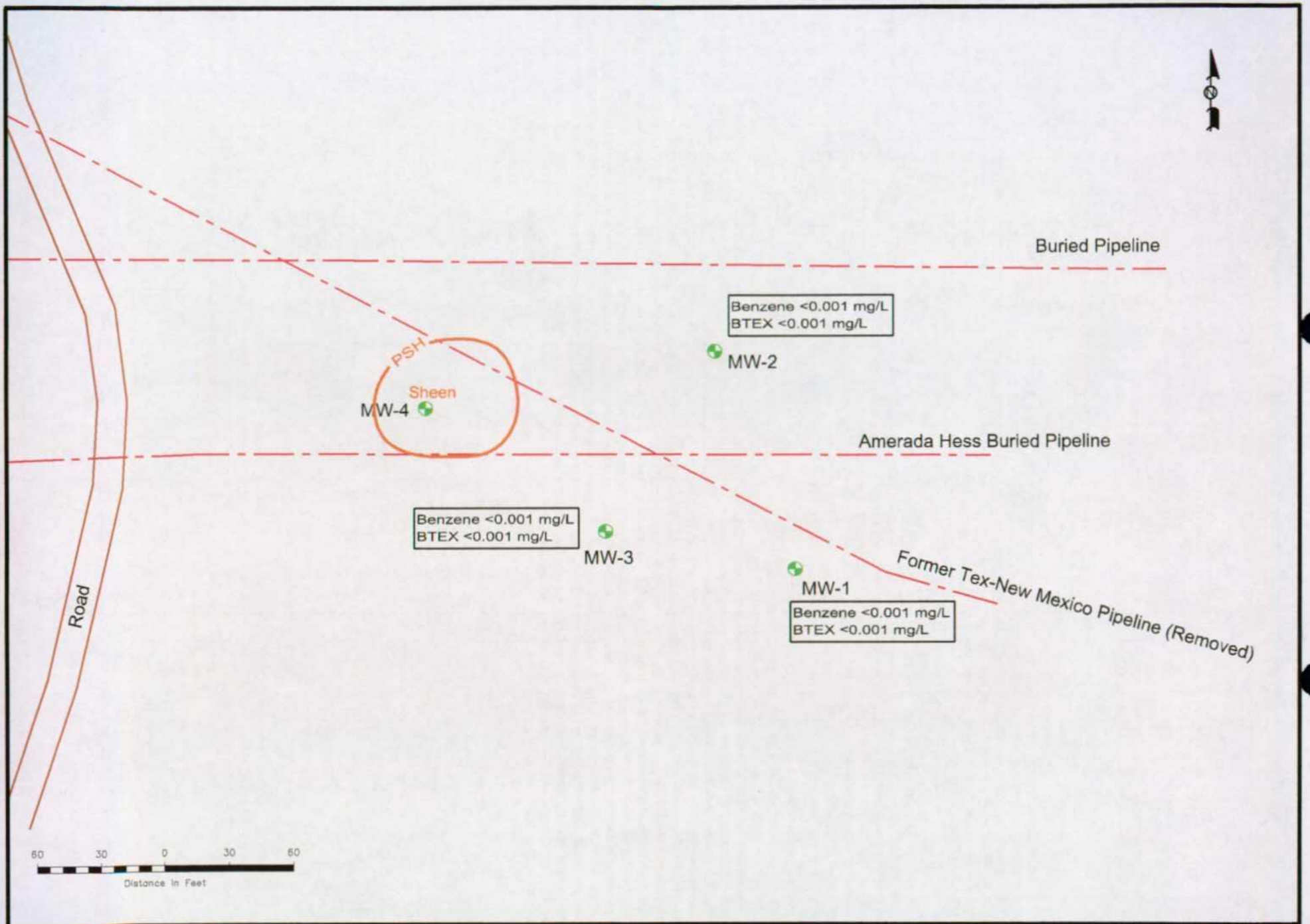


Figure 3C
Groundwater Concentration
Map 8/22/03

Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI 2094	32° 38' 07.2" N 103° 16' 56.0" W	

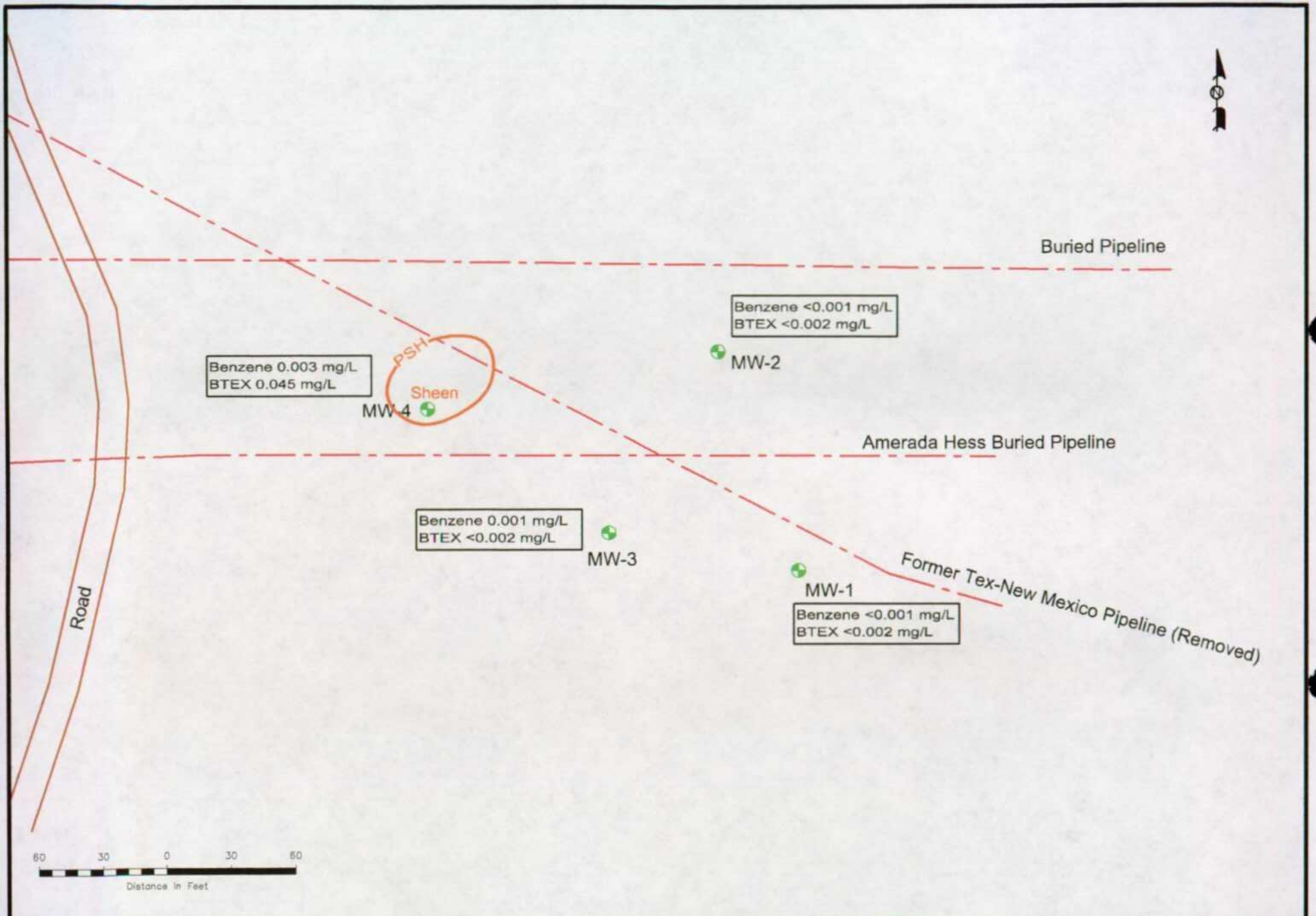


Figure 3D
Groundwater Concentration Map 12/15/03

Link Energy
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: cs	Checked By: RE
March 18, 2004	SE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: LI 2004	32° 38' 07.2" N 103° 16' 08.0" W	

TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI 2054

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	05/03/00	3,624.90	-	27.04	0.00	3,597.86
	08/30/00	3,624.90	-	26.19	0.00	3,598.71
	11/17/00	3,624.90	-	26.20	0.00	3,598.70
	03/07/01	3,624.90	-	26.15	0.00	3,598.75
	05/23/01	3,624.90	-	26.15	0.00	3,598.75
	08/27/01	3,624.90	-	26.17	0.00	3,598.73
	10/24/01	3,624.90	-	26.15	0.00	3,598.75
	02/11/02	3,624.90	-	26.11	0.00	3,598.79
	05/16/02	3,624.90	-	26.12	0.00	3,598.78
	09/10/02	3,624.90	-	26.16	0.00	3,598.74
	11/15/02	3,624.90	-	26.16	0.00	3,598.74
	02/10/03	3,624.90	-	26.21	0.00	3,598.69
	05/13/03	3,624.90	-	26.15	0.00	3,598.75
	08/22/03	3,624.90	-	26.10	0.00	3,598.80
	12/15/03	3,624.90	-	26.17	0.00	3,598.73
MW - 2	05/03/00	3,624.91	-	25.60	0.00	3,599.31
	08/30/00	3,624.91	-	25.55	0.00	3,599.36
	11/17/00	3,624.91	-	25.60	0.00	3,599.31
	03/07/01	3,624.91	-	25.56	0.00	3,599.35
	05/23/01	3,624.91	-	25.56	0.00	3,599.35
	08/27/01	3,624.91	-	25.55	0.00	3,599.36
	10/24/01	3,624.91	-	25.54	0.00	3,599.37
	02/11/02	3,624.91	-	25.56	0.00	3,599.35
	05/16/02	3,624.91	-	25.55	0.00	3,599.36
	09/10/02	3,624.91	-	25.57	0.00	3,599.34
	11/15/02	3,624.91	-	25.55	0.00	3,599.36
	02/10/03	3,624.91	-	25.57	0.00	3,599.34
	05/13/03	3,624.91	-	25.55	0.00	3,599.36
	08/22/03	3,624.91	-	25.55	0.00	3,599.36
	12/15/03	3,624.91	-	25.57	0.00	3,599.34
MW - 3	05/03/00	3,623.99	-	24.91	0.00	3,599.08
	08/30/00	3,623.99	-	24.88	0.00	3,599.11
	11/17/00	3,623.99	-	24.92	0.00	3,599.07
	03/07/01	3,623.99	-	24.88	0.00	3,599.11

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI 2054

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/23/01	3,623.99	-	24.90	0.00	3,599.09
	08/27/01	3,623.99	-	24.89	0.00	3,599.10
	10/24/01	3,623.99	-	24.88	0.00	3,599.11
	02/11/02	3,623.99	-	24.89	0.00	3,599.10
	05/16/02	3,623.99	-	24.86	0.00	3,599.13
	09/10/02	3,623.99	-	24.91	0.00	3,599.08
	11/15/02	3,623.99	-	24.89	0.00	3,599.10
	02/10/03	3,623.99	-	24.88	0.00	3,599.11
	05/13/03	3,623.99	-	24.89	0.00	3,599.10
	08/22/03	3,623.90	-	24.89	0.00	3,599.10
	12/15/03	3,623.90	-	24.90	0.00	3,599.09
MW - 4	05/03/00	3,624.02	23.61	23.75	0.14	3,600.39
	08/30/00	3,624.02	23.31	23.61	0.30	3,600.67
	11/17/00	3,624.02	23.55	23.70	0.15	3,600.45
	03/07/01	3,624.02	23.60	23.82	0.22	3,600.39
	05/23/01	3,624.02	23.63	23.79	0.16	3,600.37
	08/27/01	3,624.02	23.46	23.52	0.06	3,600.55
	10/24/01	3,624.02	23.61	23.64	0.03	3,600.41
	02/11/02	3,624.02	23.57	23.89	0.32	3,600.40
	05/16/02	3,624.02	23.61	23.80	0.19	3,600.38
	09/10/02	3,624.02	23.60	23.74	0.14	3,600.40
	10/14/02	3,624.02	23.56	23.70	0.14	3,600.44
	11/15/02	3,624.02	23.74	23.76	0.02	3,600.28
	12/27/02	3,624.02	23.77	23.78	0.01	3,600.25
	01/07/03	3,624.02	23.76	23.79	0.03	3,600.26
	02/10/03	3,624.02	23.78	23.80	0.02	3,600.24
	03/05/03	3,624.02	23.81	23.81	Sheen	3,600.21
	03/20/03	3,624.02	23.81	23.86	0.05	3,600.20
	03/27/03	3,624.02	23.73	23.73	Sheen	3,600.29
	04/16/03	3,624.02	23.75	23.75	Sheen	3,600.27
	05/13/03	3,624.02	23.70	23.71	0.01	3,600.32
	05/15/03	3,624.02	23.44	23.44	Sheen	3.600.58
	05/21/03	3,624.02	23.81	23.81	Sheen	3,600.21
	05/28/03	3,624.02	23.83	23.83	Sheen	3,600.19

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI 2054

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 4	06/05/03	3,624.02	23.74	23.74	Sheen	3,600.28
	06/10/03	3,624.02	23.83	23.83	Sheen	3,600.19
	06/25/03	3,624.02	23.73	23.76	0.03	3,600.29
	07/10/03	3,624.02	23.90	23.90	Sheen	3,600.12
	07/31/03	3,624.02	23.74	23.74	Sheen	3,600.28
	08/05/03	3,624.02	23.92	23.92	Sheen	3,600.10
	08/22/03	3,624.02	23.98	23.98	Sheen	3,600.04
	09/30/03	3,624.02	23.65	23.65	Sheen	3,600.37
	10/06/03	3,624.02	23.65	23.65	Sheen	3,600.37
	10/14/03	3,624.02	23.79	23.79	Sheen	3,600.23
	10/21/03	3,624.02	24.11	24.11	Sheen	3,599.91
	10/27/03	3,624.02	24.08	24.08	Sheen	3,599.94
	11/06/03	3,624.02	23.95	23.95	Sheen	3,600.07
	11/10/03	3,624.02	24.18	24.18	Sheen	3,599.84
	11/17/03	3,624.02	23.90	23.90	Sheen	3,600.12
	12/04/03	3,624.02	23.90	23.91	0.01	3,600.12
	12/15/03	3,624.02	23.80	23.80	Sheen	3,600.22
	12/22/03	3,624.02	23.60	23.60	Sheen	3,600.42
	12/31/03	3,624.02	23.80	23.81	0.01	3,600.22

Elevations Based on the North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI 2054

All results are reported in mg/L.

SAMPLE DATE	SAMPLE DATE	EPA Method SW 846 - 8260				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	05/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/07/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005	
	08/27/01	<0.001	<0.001	<0.001	<0.001	<0.002
	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.002
	02/11/02	<0.001	<0.001	<0.001	<0.001	<0.002
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	05/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/07/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005	
	08/27/01	<0.001	<0.001	<0.001	<0.001	<0.002
	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.002
	02/11/02	<0.001	<0.001	<0.001	<0.001	<0.002
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/15/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 3	05/03/00	0.004	0.002	0.001	<0.001	<0.001
	08/03/00	0.001	0.001	0.002	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/07/01	0.002	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005	
	08/27/01	<0.001	<0.001	<0.001	<0.001	<0.002
	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.002
	02/11/02	<0.001	<0.001	<0.001	<0.001	<0.002
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/15/02	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI 2054

All results are reported in mg/L.

SAMPLE DATE	SAMPLE DATE	EPA Method SW 846 - 8260				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 3	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/13/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/22/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/15/03	0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	05/13/03	0.002	<0.001	0.006	0.035	0.004
	12/15/03	0.003	<0.001	0.005	0.035	0.002
EB - 1	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/07/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	0.016	<0.005	<0.005	
	08/27/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001	<0.001

Note: m,p and o Xylenes combined when analyzed by Trace Laboratories, Inc. only.
Note: "*EB-1*" refers to an equipment blank collected during sampling activities.

Appendix A

Laboratory Reports

FILE

AnalySys Inc
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139436 **Report Date:** 02/19/03
Project ID: Monument #11 EO 2054
Sample Name: WEM1121103 MW-1
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 16:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/17/03	8260b	---	1.9	78	84.6	75.7
Ethylbenzene	<1	µg/L	1	<1	02/17/03	8260b	---	0.5	101.8	97.9	103.3
m,p-Xylenes	<1	µg/L	1	<1	02/17/03	8260b	---	1	103.8	98.3	105.4
o-Xylene	<1	µg/L	1	<1	02/17/03	8260b	---	0.6	101.4	96.1	103.7
Toluene	<1	µg/L	1	<1	02/17/03	8260b	---	8.4	91	84.3	87.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument #11 EO 2054 **Sample Name:** WEM1121103 MW-1	**Report#/Lab ID#:** 139436 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.8	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139437 **Report Date:** 02/19/03
Project ID: Monument #11 EO 2054
Sample Name: WEM1121103 MW-2
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 16:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/17/03	8260b	---	1.9	78	84.6	75.7
Ethylbenzene	<1	µg/L	1	<1	02/17/03	8260b	---	0.5	101.8	97.9	103.3
m,p-Xylenes	<1	µg/L	1	<1	02/17/03	8260b	---	1	103.8	98.3	105.4
o-Xylene	<1	µg/L	1	<1	02/17/03	8260b	---	0.6	101.4	96.1	103.7
Toluene	<1	µg/L	1	<1	02/17/03	8260b	---	8.4	91	84.3	87.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

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ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** Monument #11 EO 2054	**Report#/Lab ID#:** 139437
Attn: Robert Edison	**Sample Name:** WEM1121103 MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	80-120	---
Toluene-d8	8260b	98.3	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139438 **Report Date:** 02/19/03
Project ID: Monument #11 EO 2054
Sample Name: WEM1121103 MW-3
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 16:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	4.6	78.8	87.8	70.9
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	2.9	105	98.5	103.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1	107.5	97.9	105.1
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	3.8	105.7	95.3	103.2
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	5.3	89.8	85.9	81.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument #11 EO 2054 **Sample Name:** WEM1121103 MW-3	**Report#/Lab ID#:** 139438 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.5	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN-OF-CUSTODY

C.O.C #17

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

Send Reports To:
Company Name E.T.G.I.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Robert Eidson
Phone 505-397-4882 Fax 505-397-4701

Bill to (if different):
Company Name Ett
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Monument #11 E02054 Sampler:

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
WEM112103MW-1	2-11-03	4:00	2		X		139436	X	
WEM112103MW-2	2-11-03	4:15	2		X		139437	X	
WEM112103MW-3	2-11-03	4:30	2		X		139438	X	

Analyses Requested (1)
Please attach explanatory information as required

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T = 5.1°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Justin Eid	ETGI	2-11-03		Melanie Humphrey	ASI	2/14/03	13:00

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

FILE

ANALYSYS INC
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142915 **Report Date:** 05/28/03
Project ID: EO 2054
Sample Name: MW-1
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:35
Date Sampled: 05/13/2003 **Time:** 01:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/24/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/24/03	8260b	---	7.3	91.8	86.3	99.6
Ethylbenzene	<1	µg/L	1	<1	05/24/03	8260b	---	4.4	106.7	105	103
m,p-Xylenes	<1	µg/L	1	<1	05/24/03	8260b	---	3.4	109.8	108.4	110.1
o-Xylene	<1	µg/L	1	<1	05/24/03	8260b	---	5.7	100	108.3	109.3
Toluene	<1	µg/L	1	<1	05/24/03	8260b	---	7.4	96	89.6	105.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

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Richard Laster

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ANALYSYS INC
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2054	**Report#/Lab ID#:** 142915
Attn: Ken Dutton	**Sample Name:** MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.9	80-120	---
Toluene-d8	8260b	103	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142916 **Report Date:** 05/28/03
Project ID: EO 2054
Sample Name: MW-2
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:35
Date Sampled: 05/13/2003 **Time:** 02:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/24/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/24/03	8260b	---	7.3	91.8	86.3	99.6
Ethylbenzene	<1	µg/L	1	<1	05/24/03	8260b	---	4.4	106.7	105	103
m,p-Xylenes	<1	µg/L	1	<1	05/24/03	8260b	---	3.4	109.8	108.4	110.1
o-Xylene	<1	µg/L	1	<1	05/24/03	8260b	---	5.7	100	108.3	109.3
Toluene	<1	µg/L	1	<1	05/24/03	8260b	---	7.4	96	89.6	105.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2054	**Report#/Lab ID#:** 142916
Attn: Ken Dutton	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.9	80-120	---
Toluene-d8	8260b	107	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142917 **Report Date:** 05/28/03
Project ID: EO 2054
Sample Name: MW-3
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:35
Date Sampled: 05/13/2003 **Time:** 03:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/24/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/24/03	8260b	J	7.3	91.8	86.3	99.6
Ethylbenzene	<1	µg/L	1	<1	05/24/03	8260b	---	4.4	106.7	105	103
m,p-Xylenes	<1	µg/L	1	<1	05/24/03	8260b	---	3.4	109.8	108.4	110.1
o-Xylene	<1	µg/L	1	<1	05/24/03	8260b	---	5.7	100	108.3	109.3
Toluene	<1	µg/L	1	<1	05/24/03	8260b	---	7.4	96	89.6	105.2

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ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2054	**Report#/Lab ID#:** 142917
Attn: Ken Dutton	**Sample Name:** MW-3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99	80-120	---
Toluene-d8	8260b	106	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 142917 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2054
Sample Name: MW-3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142918 **Report Date:** 05/28/03
Project ID: EO 2054
Sample Name: MW-4
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:35
Date Sampled: 05/13/2003 **Time:** 04:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	2.28	µg/L	1	<1	05/27/03	8260b	---	7.3	91.8	86.3	99.6
Ethylbenzene	5.84	µg/L	1	<1	05/27/03	8260b	---	4.4	106.7	105	103
m,p-Xylenes	34.9	µg/L	1	<1	05/27/03	8260b	---	3.4	109.8	108.4	110.1
o-Xylene	3.62	µg/L	1	<1	05/27/03	8260b	---	5.7	100	108.3	109.3
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	7.4	96	89.6	105.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2054	**Report#/Lab ID#:** 142918
Attn: Ken Dutton	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	80-120	---
Toluene-d8	8260b	99.3	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN OF CUSTODY

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AnalySys Inc.
3512 Montopolis Drive, Austin, TX 7874
Phone: (512) 385-5886 Fax: (512) 385 74
2209 N P.I D., Ste K, Corpus Christi, TX 78
Phone: (361) 289-6384 Fax: (361) 289-08

Send Report to:
Company Name Environmental Technology Group Inc.
Address 2540 W. Marland
City Hobbs State N.M. Zip 88240
ATTN: Ken Dutton
Phone (505) 397-4882 Fax

Bill to (if different):
Company Name Eott
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 20 2054 Sampler: Justin Fisk

Analyses Requested (1)
Please attach explanatory information as requ

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW-1	5-13-03	1:00	2		X				
MW-2	5-13-03	2:00	2		X				
MW-3	5-13-03	3:00	2		X			X	
MW-4	5-13-03	4:00	2		X				

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal report limits (MDL/PQL) For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutant ASI's HSI list at ASI's option Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
J. Fisk	ETGI	5-13-03		E. Lee	ASI	5-21-03	09.35

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

FILE

ANALYSYS INC
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Eidson
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146591 **Report Date:** 09/03/03
Project ID: EO 2054 Mon.11
Sample Name: MW-1
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/22/2003 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/29/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/03	8260b	---	10.2	95.8	89	87
Ethylbenzene	<1	µg/L	1	<1	08/29/03	8260b	---	0.8	111.7	113.1	110.4
m,p-Xylenes	<1	µg/L	1	<1	08/29/03	8260b	---	4.9	108.3	108.8	109.5
o-Xylene	<1	µg/L	1	<1	08/29/03	8260b	---	2.3	110	110.4	110.2
Toluene	<1	µg/L	1	<1	08/29/03	8260b	---	8	98.1	90.4	89.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Eidson	**Project ID:** EO 2054 Mon.11 **Sample Name:** MW-1	**Report#/Lab ID#:** 146591 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	80-120	---
Toluene-d8	8260b	107	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Eidson
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146592 **Report Date:** 09/03/03
Project ID: EO 2054 Mon.11
Sample Name: MW-2
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/22/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/29/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/03	8260b	---	10.2	95.8	89	87
Ethylbenzene	<1	µg/L	1	<1	08/29/03	8260b	---	0.8	111.7	113.1	110.4
m,p-Xylenes	<1	µg/L	1	<1	08/29/03	8260b	---	4.9	108.3	108.8	109.5
o-Xylene	<1	µg/L	1	<1	08/29/03	8260b	---	2.3	110	110.4	110.2
Toluene	<1	µg/L	1	<1	08/29/03	8260b	---	8	98.1	90.4	89.4

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Respectfully Submitted,

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Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Eidson	**Project ID:** EO 2054 Mon.11 **Sample Name:** MW-2	**Report#/Lab ID#:** 146592 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	106	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Eidson
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146593 **Report Date:** 09/03/03
Project ID: EO 2054 Mon.11
Sample Name: MW-3
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/22/2003 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		08/29/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/03	8260b	J	10.2	95.8	89	87
Ethylbenzene	<1	µg/L	1	<1	08/29/03	8260b	---	0.8	111.7	113.1	110.4
m,p-Xylenes	<1	µg/L	1	<1	08/29/03	8260b	J	4.9	108.3	108.8	109.5
o-Xylene	<1	µg/L	1	<1	08/29/03	8260b	---	2.3	110	110.4	110.2
Toluene	<1	µg/L	1	<1	08/29/03	8260b	---	8	98.1	90.4	89.4

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Eidson	**Project ID:** EO 2054 Mon.11 **Sample Name:** MW-3	**Report#/Lab ID#:** 146593 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 146593 **Matrix:** water
Client: Environmental Tech Group **Attn:** Robert Eidson
Project ID: EO 2054 Mon.11
Sample Name: MW-3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes: _____

7058

CHAIN-OF-CUSTODY

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AnalySys Inc.
3512 Montopolis Drive, Austin, TX 7874-
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Send Reports To:
Company Name Environmental Technology Group Inc.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Robert Eidson
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):
Company Name Soft
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EO 7054 Mon. 11 Sampler: Justin Frisk

Analyses Requested (1)
Please attach explanatory information as requ

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021 b								Comments
mw-1	8-22-03	1:00	2		X		146591	X								
mw-2	8-22-03	1:30	2		X		146592	X								
mw-3	8-22-03	2:00	2		X		146593	X								

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal report limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutant. ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By				Sample Received By T=4.8°c			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[signature]	ETGI	8-22-03		Melanie Humphrey	ASI	8/26/03	12:00

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

PTLE

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

Phone: (505) 397-4882 **FAX:** (505) 397-4701

Report#/Lab ID#: 151288 **Report Date:** 12/30/03
Project ID: EO 2054 Mon-11
Sample Name: MW-1
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/15/2003 **Time:** 01:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/25/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/25/03	8260b	---	1.6	91.5	92.3	96.5
Ethylbenzene	<1	µg/L	1	<1	12/25/03	8260b	---	1.9	101.5	105.6	103.5
m,p-Xylenes	<2	µg/L	2	<2	12/25/03	8260b	---	1.8	103.2	107.5	104.6
o-Xylene	<1	µg/L	1	<1	12/25/03	8260b	---	1.7	104	107.8	106.7
Toluene	<1	µg/L	1	<1	12/25/03	8260b	---	1	96	100.3	101.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2054 Mon-11	**Report#/Lab ID#:** 151288
Attn: Jerry Brian	**Sample Name:** MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.1	80-120	---
Toluene-d8	8260b	104	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

Phone: (505) 397-4882 **FAX:** (505) 397-4701

Report#/Lab ID#: 151289 **Report Date:** 12/30/03
Project ID: EO 2054 Mon-11
Sample Name: MW-2
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/15/2003 **Time:** 02:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/25/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/25/03	8260b	---	1.6	91.5	92.3	96.5
Ethylbenzene	<1	µg/L	1	<1	12/25/03	8260b	---	1.9	101.5	105.6	103.5
m,p-Xylenes	<2	µg/L	2	<2	12/25/03	8260b	---	1.8	103.2	107.5	104.6
o-Xylene	<1	µg/L	1	<1	12/25/03	8260b	---	1.7	104	107.8	106.7
Toluene	<1	µg/L	1	<1	12/25/03	8260b	---	1	96	100.3	101.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2054 Mon-11	**Report#/Lab ID#:** 151289
Attn: Jerry Brian	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	106	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

Phone: (505) 397-4882 **FAX:** (505) 397-4701

Report#/Lab ID#: 151290 **Report Date:** 12/30/03
Project ID: EO 2054 Mon-11
Sample Name: MW-3
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/15/2003 **Time:** 02:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/30/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.14	µg/L	1	<1	12/30/03	8260b	---	1.6	91.5	92.3	96.5
Ethylbenzene	<1	µg/L	1	<1	12/30/03	8260b	---	1.9	101.5	105.6	103.5
m,p-Xylenes	<2	µg/L	2	<2	12/30/03	8260b	---	1.8	103.2	107.5	104.6
o-Xylene	<1	µg/L	1	<1	12/30/03	8260b	---	1.7	104	107.8	106.7
Toluene	<1	µg/L	1	<1	12/30/03	8260b	---	1	96	100.3	101.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO 2054 Mon-11 **Sample Name:** MW-3	**Report#/Lab ID#:** 151290 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98	80-120	---
Toluene-d8	8260b	104	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 151290 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO 2054 Mon-11
Sample Name: MW-3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded by 1* days.

Notes:

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

Phone: (505) 397-4882 **FAX:** (505) 397-4701

Report#/Lab ID#: 151291 **Report Date:** 12/30/03
Project ID: EO 2054 Mon-11
Sample Name: MW-4
Sample Matrix: water
Date Received: 12/23/2003 **Time:** 12:00
Date Sampled: 12/15/2003 **Time:** 03:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/30/03	8260b(5030/5035)	---	---	---	---	---
Benzene	2.89	µg/L	1	<1	12/30/03	8260b	---	1.6	91.5	92.3	96.5
Ethylbenzene	5.07	µg/L	1	<1	12/30/03	8260b	---	1.9	101.5	105.6	103.5
m,p-Xylenes	34.9	µg/L	2	<2	12/30/03	8260b	---	1.8	103.2	107.5	104.6
o-Xylene	2.01	µg/L	1	<1	12/30/03	8260b	---	1.7	104	107.8	106.7
Toluene	<1	µg/L	1	<1	12/30/03	8260b	---	1	96	100.3	101.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO 2054 Mon-11 **Sample Name:** MW-4	**Report#/Lab ID#:** 151291 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 151291 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO 2054 Mon-11
Sample Name: MW-4

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Volatile organics-8260b/BTEX	H	Hold time for this parameter exceeded by 1* days.

Notes: _____

8221

CHAIN- -CUSTODY

www.an. sysinc.com

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 78744 Ph: (512) 385-5886 Fax: (512) 385-7411
2209 N. Padre Island Dr., Ste K, Corpus Christi, TX 78408 Ph: (361) 289-0381 Fax: (361) 289-0875

Send Reports To:

Company Name: Environmental Technology Group Inc.
Address: 2540 W. Marland
City: Hobbs State: N.M. Zip: 88240
ATTN: Jerry Brian
Phone: (505) 397-4882 Fax: (505) 397-4701
Project Name/PO#: EO 2054 Mobil Sampler: Justin Frix

Bill To (if different):

Company Name: Link Energy
Address:
City: State: Zip:
ATTN:
Phone: Fax:

Samples/projects intended for TCEQ-TRRP completion require special handling. QC requirements and pricing. To Be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of Custody under "special instructions".

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Lab I.D. # (Lab Only)	No. of Containers and Preservative (TRRP-13 Mandatory): Ice	HNO3	HCL	ZnAc/NaOH	H2SO4 Glass	None	Other (Specify)	Matrix: Water	Wastewater	Waste	Soil	Other (Specify)	Analyze For: BTEX 8021B	RUSH TAT (Pre-scheduled)	Standard TAT
MW-1	12-15-03	1:30	2			151288	X		X					X					X		
MW-2	↓	2:00	2			151289	X		X					X					X		
MW-3		2:30	2			151290	X		X					X					X		
MW-4		3:00	2			151291	X		X					X					X		

Special Instructions (such as special QC requirements, lists, methods, etc...)

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temperature upon receipt (Consistant with NELAC rec. 5.11) (<0.6 C) T: 3.8 °C

Sample Relinquished By: Name	Affiliation	Date	Time	Sample Received By: Name	Affiliation	Date	Time
[illegible]	ETGI	12-15-03		[signature]	ASI	12/15/03	1200

YES ✓
NO

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms

Sample Analysis Case Narrative & Exceptions Report

Client: Environmental Tech Group **Project ID:** EO 2054 Mon-11

Attn: Jerry Brian

for Sample #'s: 151288 **thru** 151291

Analyzed by AnalySys, Inc.

Final Review Date: 1/5/2004 **By:** _____ (R. Elton)

Case Narrative:

1. The samples represented on the enclosed chain-of-custody were received just prior to the Christmas Holiday on 12/23/2003 in conjunction with a large number of other samples from ETGI. As is true for many of the samples received from ETGI that day, the samples for this project had been sampled much earlier, in this case on 12/15/2003 and had been held for more than half the available hold time for the BTEX test requested. AnalySys, Inc. attempted to get as many of these samples as possible analyzed within the 14 day hold time window, however, two of the samples in this project grouping could not be analyzed until after the Christmas holiday and subsequently exceeded hold times by one day for the BTEX analysis. Had these samples not been held for a week prior to shipping (just before a holiday) the hold times would have been met.

   In this instance, exceeding the hold times probably has not significantly affected data quality; since not even "J" flags were observed in these two samples.

EOTT ENERGY LLC

P.O. BOX 4666
HOUSTON, TEXAS 77210-4666

March 31, 2003

Mr. Randolph Bayliss, P.E.
Hydrologist
Oil Conservation Division
State of New Mexico
1220 Sout St. Francis Drive
Santa Fe NM 87505

Dear Mr. Bayliss;

EOTT Energy, LLC is an Operator of crude oil pipelines and terminal facilities located in the state of New Mexico. EOTT actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and workplans developed in consultation with the New Mexico Oil Conservation Division. Consistent with the rules and regulations of the New Mexico OCD, EOTT hereby submits its annual monitoring reports for the following titled sites:

TNM 98-02	Section 31, Township 19 South, Range 37 East Lea County NM
TNM 97-16	Section 12, Township 24 South, Range 37 East, Lea County NM
Monument 10	Section 32, Township 19 South, Range 37 East, Lea County NM
TNM SPS-11	Section 18, Township 18 South, Range 36 East, Lea County NM
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County NM
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County NM
Monument 2	Section 06 & 07, Township 20 South, Range 38 East, Lea County NM
Leo (Flap) Sims	Section 27, Township 19 South, Range 37 East, Lea County NM
Monument 11	Section 30, Township 19 South, Range 37 East, Lea County NM
Monument 17	Section 17, Township 19 South, Range 37 East, Lea County NM
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County NM
LF 37	Sections 19 & 20, Township 19 South, Range 37 East, Lea County NM
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County NM
LF-59	Section 32, Township 19 South, Range 37 East, Lea County NM
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County NM

ETGI prepared these documents and has vouched for their accuracy and completeness, and on behalf of EOTT Energy, I have personally reviewed the documents and interviewed ETGI in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that EOTT Energy submits these Annual Compliance Monitoring Reports for the above 15 facilities.

I look forward to scheduling a meeting with you in the second or third week of March as you schedule allows, which will allow for an opportunity to review and discuss the results of the monitoring. If you have questions in the interim, please contact me at (713) 993-5047.

Sincerely,

Bill Von Drehle
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

ANNUAL MONITORING REPORT

IR - 120

MAR 25 2003

EOTT ENERGY, LLC
MONUMENT 11
LEA COUNTY, NEW MEXICO
NE ¼, NE ¼ SECTION 30, TOWNSHIP 19 SOUTH, RANGE 37 EAST

PREPARED FOR:

EOTT ENERGY, LLC
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2003

Robert B. Eidson
Geologist / Senior Project Manager

Chance I. Johnson
New Mexico Regional Manager

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Figure 3 – NMOCD Site Map

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INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of EOTT Energy, LLC (EOTT), prepared this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. This report is intended to be viewed as a complete document with figures, attachments, tables and text. The report presents the results of the quarterly groundwater monitoring events only. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during four quarterly events in calendar year 2002 to assess the levels and extent of dissolved phase and phase-separated petroleum hydrocarbon (PSH) constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH, and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing measurable levels of PSH were not sampled.

FIELD ACTIVITIES

The site monitor wells were gauged and sampled on February 11, May 16, September 10 and November 15, 2002. During each sampling event, the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on November 15, 2002, are depicted on Figures 2 and 3, the Inferred Groundwater Gradient Map and the NMOCD Gradient Map. The groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from the final quarterly event of calendar year 2002 water level measurements, indicated a general gradient of 0.009 ft/ft to the southeast as measured between groundwater monitor wells MW-4 and MW-1. The depth to groundwater, as measured from the top of the well casing, ranged between 23.70 to 26.16 feet in the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor well MW-4 during the annual monitoring period. A maximum thickness of 0.32 foot was measured and is reflected on Table 1, Groundwater Elevation data.

LABORATORY RESULTS

Groundwater samples collected during the sampling events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. The cumulative groundwater chemistry data is provided as Table 2 and copies of the Laboratory Reports are provided as Appendix A.

Laboratory results obtained from all of the site groundwater samples obtained during the calendar year 2002 monitoring period indicate that dissolved phase benzene and BTEX constituent concentrations were below laboratory method detection limits in all of the on-site monitor wells.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2002. A measurable thickness of PSH was detected in monitor well MW-4 during the annual monitoring period. A maximum thickness of 0.32 foot was measured during the first sampling event of the reporting period. Approximately 6 gallons of PSH was recovered from the site during this reporting period by manual recovery methods. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours, generated from the final quarterly event of calendar year 2002 water level measurements, indicated a general gradient of 0.009 ft/ft to the southeast.

Laboratory results from all of the site groundwater samples, obtained during the calendar year 2002 monitoring period, indicate that dissolved phase benzene and BTEX constituent concentrations were below laboratory method detection limits in all of the on-site monitor wells sampled this period.

DISTRIBUTION

Copy 1 & 2: William C. Olson/Randy Bayliss
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

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New Mexico Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 4: Frank Hernandez
EOTT Energy, LLC
P. O. Box 1660
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Midland, Texas 79702

Copy 6: Mike Kelly
EOTT Energy, LLC
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Copy 7: Bill Vondrehle
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4600 West Wall Street
Midland, Texas 79703

Copy 9: Environmental Technology Group, Inc.
2540 West Marland
Hobbs, New Mexico 88240

Copy Number: 2

Quality Control Review

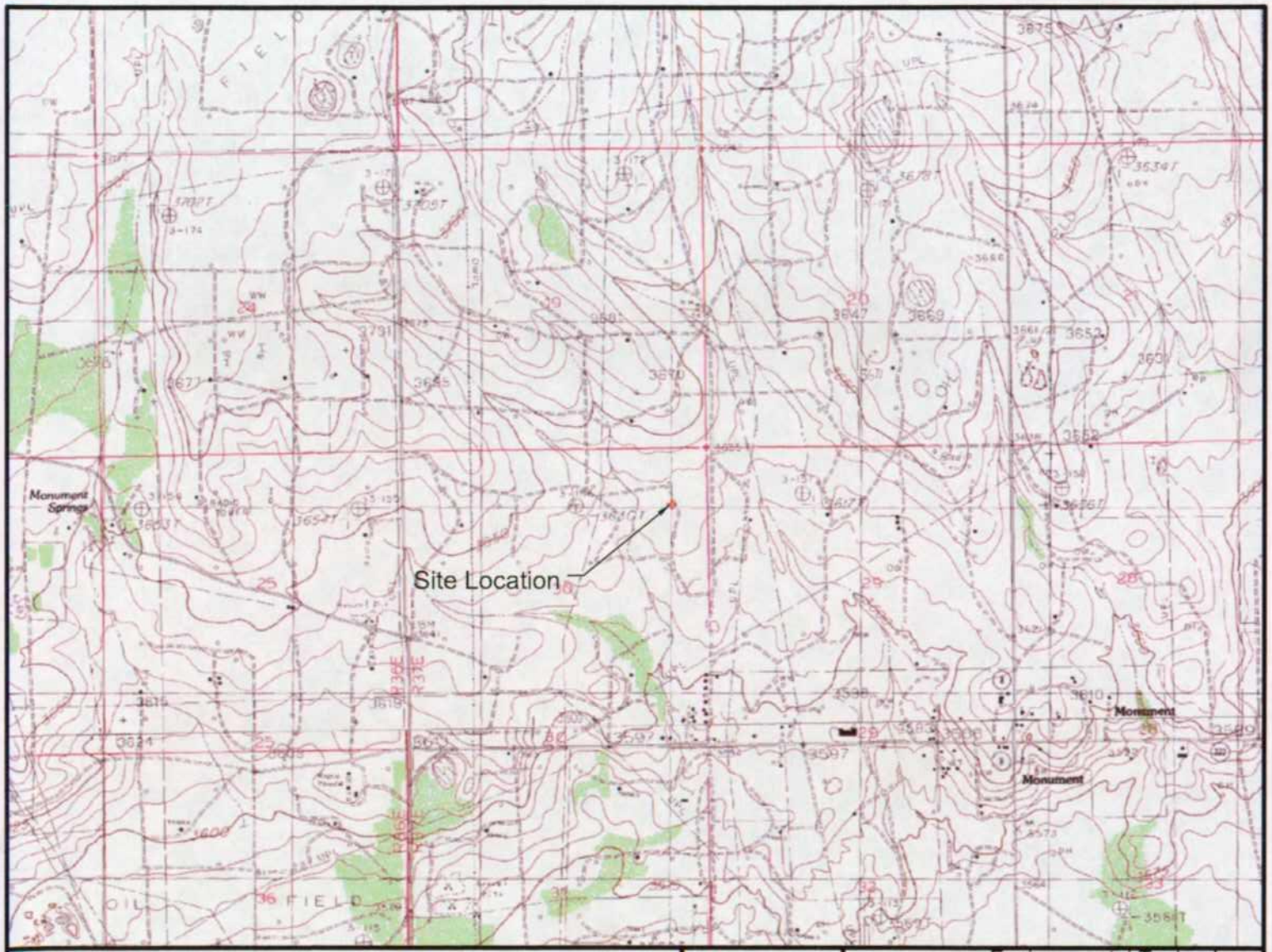
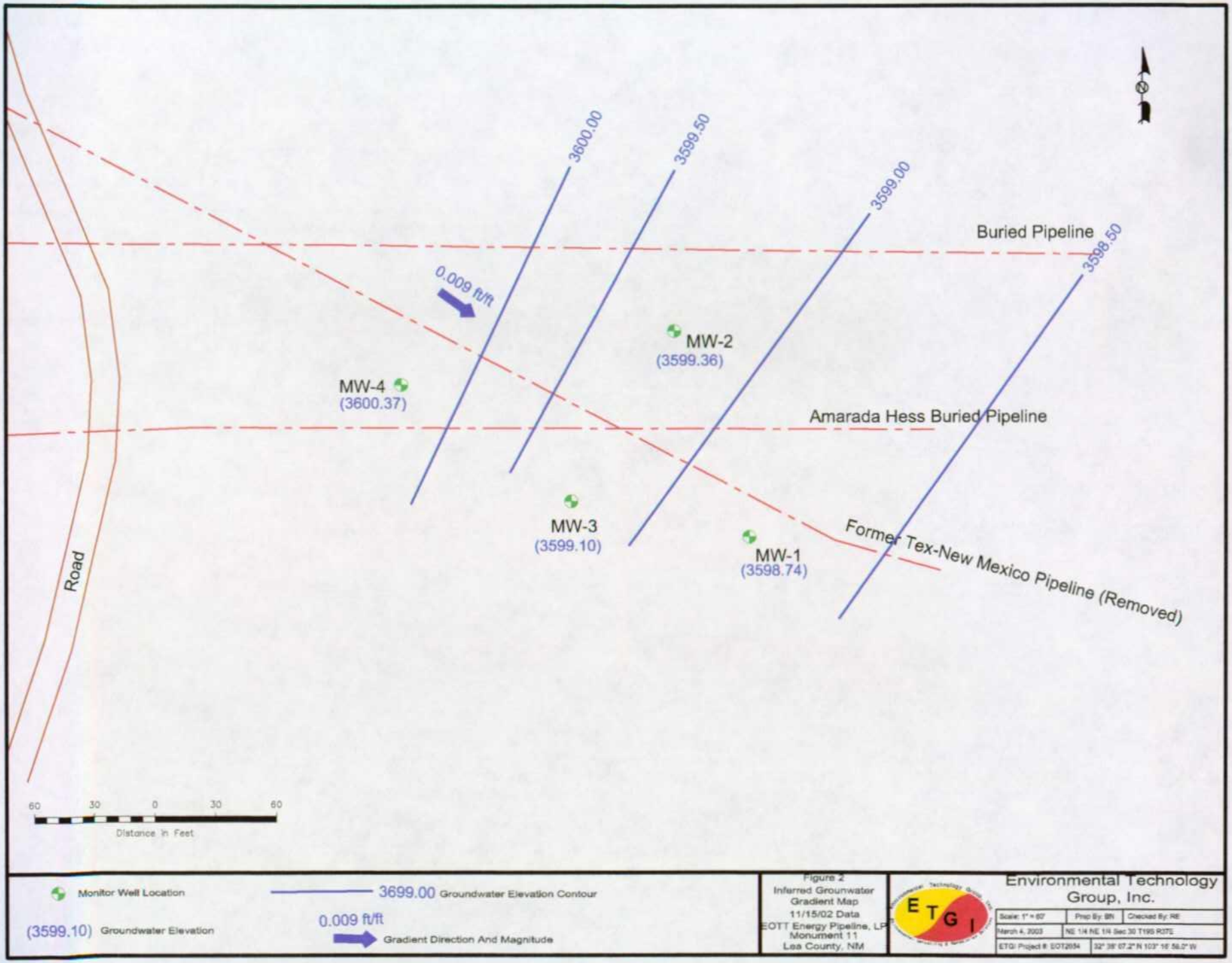


Figure 1
Site Location Map

EOTT Energy Pipeline, LP
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: RE
February 18, 2002	NE 1/4 NE 1/4 Section 30 T19S R37E	
ETGI Project #: EOT2094C	32° 38' 07.2"N 103° 16' 58.0"	


3600.00
3599.50
3599.00
3598.50
Buried Pipeline
0.009 ft/ft
MW-2
(3599.36)
MW-4
(3600.37)
Amarada Hess Buried Pipeline
MW-3
(3599.10)
MW-1
(3598.74)
Former Tex-New Mexico Pipeline (Removed)
Road
60 30 0 30 60
Distance In Feet
Monitor Well Location
(3599.10) Groundwater Elevation
3699.00 Groundwater Elevation Contour
0.009 ft/ft
Gradient Direction And Magnitude
Figure 2
Inferred Grounwater Gradient Map
11/15/02 Data
EOTT Energy Pipeline, LP
Monument 11
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1" = 60'
Prep By: BN
Checked By: RE
March 4, 2003
NE 1/4 NE 1/4 Sec.30 T19S R37E
ETGI Project #: EOT2654
32° 39' 07.2" N 103° 16' 56.0" W

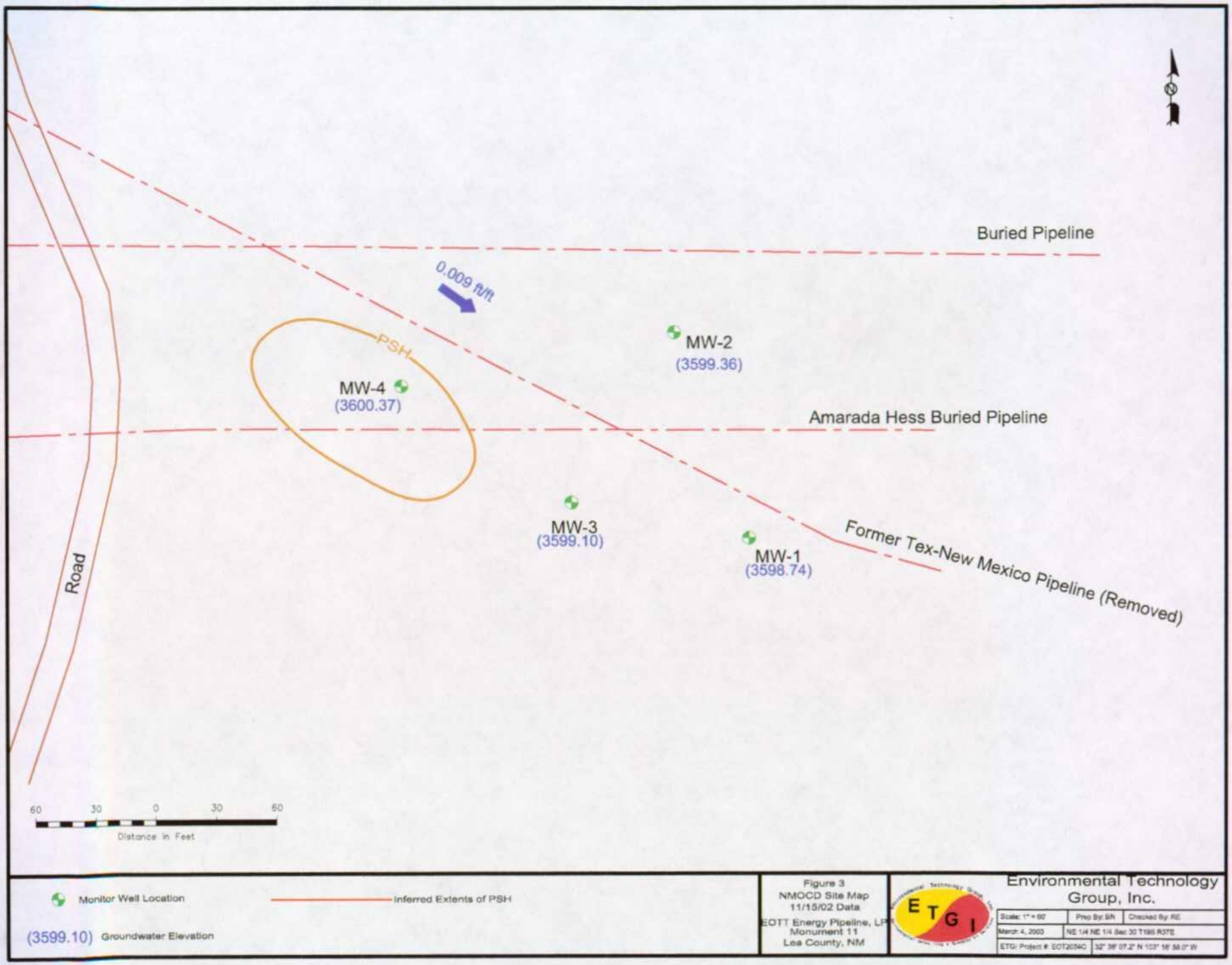


Figure 3
NMOCD Site Map
11/15/02 Data
EOTT Energy Pipeline, LP
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: BR	Checked By: RE
March 4, 2003	NE 1/4 NE 1/4 Sec 30 T19S R37E	
ETGI Project #: EOT2004C	32° 39' 07.2" N 103° 16' 58.0" W	

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO 2054

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/03/00	3,624.90	ND	27.04	0.00	3,597.86
	08/30/00	3,624.90	ND	26.19	0.00	3,598.71
	11/17/00	3,624.90	ND	26.20	0.00	3,598.70
	03/07/01	3,624.90	ND	26.15	0.00	3,598.75
	05/23/01	3,624.90	ND	26.15	0.00	3,598.75
	08/27/01	3,624.90	ND	26.17	0.00	3,598.73
	10/24/01	3,624.90	ND	26.15	0.00	3,598.75
	02/11/02	3,624.90	ND	26.11	0.00	3,598.79
	05/16/02	3,624.90	ND	26.12	0.00	3,598.78
	09/10/02	3,624.90	ND	26.16	0.00	3,598.74
	11/15/02	3,624.90	ND	26.16	0.00	3,598.74
MW - 2	05/03/00	3,624.91	ND	25.60	0.00	3,599.31
	08/30/00	3,624.91	ND	25.55	0.00	3,599.36
	11/17/00	3,624.91	ND	25.60	0.00	3,599.31
	03/07/01	3,624.91	ND	25.56	0.00	3,599.35
	05/23/01	3,624.91	ND	25.56	0.00	3,599.35
	08/27/01	3,624.91	ND	25.55	0.00	3,599.36
	10/24/01	3,624.91	ND	25.54	0.00	3,599.37
	02/11/02	3,624.91	ND	25.56	0.00	3,599.35
	05/16/02	3,624.91	ND	25.55	0.00	3,599.36
	09/10/02	3,624.91	ND	25.57	0.00	3,599.34
	11/15/02	3,624.91	ND	25.55	0.00	3,599.36
MW - 3	05/03/00	3,623.99	ND	24.91	0.00	3,599.08
	08/30/00	3,623.99	ND	24.88	0.00	3,599.11
	11/17/00	3,623.99	ND	24.92	0.00	3,599.07
	03/07/01	3,623.99	ND	24.88	0.00	3,599.11
	05/23/01	3,623.99	ND	24.90	0.00	3,599.09
	08/27/01	3,623.99	ND	24.89	0.00	3,599.10
	10/24/01	3,623.99	ND	24.88	0.00	3,599.11
	02/11/02	3,623.99	ND	24.89	0.00	3,599.10
	05/16/02	3,623.99	ND	24.86	0.00	3,599.13
	09/10/02	3,623.99	ND	24.91	0.00	3,599.08
	11/15/02	3,623.99	ND	24.89	0.00	3,599.10

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO 2054

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	05/03/00	3,624.09	23.61	23.75	0.14	3,600.46
	08/30/00	3,624.09	23.31	23.61	0.30	3,600.74
	11/17/00	3,624.09	23.55	23.70	0.15	3,600.52
	03/07/01	3,624.09	23.60	23.82	0.22	3,600.46
	05/23/01	3,624.09	23.63	23.79	0.16	3,600.44
	08/27/01	3,624.09	23.46	23.52	0.06	3,600.62
	10/24/01	3,624.09	23.61	23.64	0.03	3,600.48
	02/11/02	3,624.09	23.57	23.89	0.32	3,600.47
	05/16/02	3,624.09	23.61	23.80	0.19	3,600.45
	09/10/02	3,624.09	23.60	23.74	0.14	3,600.47
	10/14/02	3,624.09	23.56	23.70	0.14	3,600.51
	11/15/02	3,624.09	23.76	23.74	0.02	3600.37
	12/27/02	3,624.09	23.77	23.78	0.01	3600.32

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT #EO 2054

All concentrations are in mg/L

SAMPLE DATE	SAMPLE DATE	SW 846 - 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	05/03/00	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001
	03/07/01	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	02/11/02	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001
	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 2	05/03/00	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001
	03/07/01	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	02/11/02	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001
	11/15/02	<0.001	<0.001	<0.001	<0.001
MW - 3	05/03/00	0.004	0.002	0.001	<0.001
	08/03/00	0.001	0.001	0.002	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001
	03/07/01	0.002	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	02/11/02	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001
	11/15/02	<0.001	<0.001	<0.001	<0.001
EB - 1	02/11/02	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001
	09/10/02	<0.001	<0.001	<0.001	<0.001

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ann Moore
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 125713 **Report Date:** 02/22/02
Project ID: Monument 11 EOT 2054C
Sample Name: MW 1
Sample Matrix: water
Date Received: 02/19/2002 **Time:** 09:51
Date Sampled: 02/11/2002 **Time:** 12:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/20/02	8260b	---	2	89.7	90.3	85.8
Ethylbenzene	<1	µg/L	1	<1	02/20/02	8260b	---	1.5	95.9	96.6	100.7
m,p-Xylenes	<1	µg/L	1	<1	02/20/02	8260b	J	2.2	95.9	97.5	98.8
o-Xylene	<1	µg/L	1	<1	02/20/02	8260b	---	1.6	95.9	96.8	102.7
Toluene	<1	µg/L	1	<1	02/20/02	8260b	---	3.9	95.7	98.8	91

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Client: Environmental Tech Group **Attn:** Ann Moore	**Project ID:** Monument 11 EOT 2054C **Sample Name:** MW 1	**Report#/Lab ID#:** 125713 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.9	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 125713 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ann Moore
Project ID: Monument 11 EOT 2054C
Sample Name: MW 1

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Ann Moore
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 125714 **Report Date:** 02/22/02
Project ID: Monument 11 EOT 2054C
Sample Name: MW 2
Sample Matrix: water
Date Received: 02/19/2002 **Time:** 09:51
Date Sampled: 02/11/2002 **Time:** 12:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/20/02	8260b	---	2	89.7	90.3	85.8
Ethylbenzene	<1	µg/L	1	<1	02/20/02	8260b	---	1.5	95.9	96.6	100.7
m,p-Xylenes	<1	µg/L	1	<1	02/20/02	8260b	J	2.2	95.9	97.5	98.8
o-Xylene	<1	µg/L	1	<1	02/20/02	8260b	---	1.6	95.9	96.8	102.7
Toluene	<1	µg/L	1	<1	02/20/02	8260b	---	3.9	95.7	98.8	91

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Ann Moore	**Project ID:** Monument 11 EOT 2054C **Sample Name:** MW 2	**Report#/Lab ID#:** 125714 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.7	80-120	---
Toluene-d8	8260b	97.7	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 125714 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ann Moore
Project ID: Monument 11 EOT 2054C
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.

Notes:

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Client: Environmental Tech Group
Attn: Ann Moore
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 125715 **Report Date:** 02/22/02
Project ID: Monument 11 EOT 2054C
Sample Name: MW 3
Sample Matrix: water
Date Received: 02/19/2002 **Time:** 09:51
Date Sampled: 02/11/2002 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/20/02	8260b	J	2	89.7	90.3	85.8
Ethylbenzene	<1	µg/L	1	<1	02/21/02	8260b	---	1.5	95.9	96.6	100.7
m,p-Xylenes	<1	µg/L	1	<1	02/21/02	8260b	---	2.2	95.9	97.5	98.8
o-Xylene	<1	µg/L	1	<1	02/21/02	8260b	---	1.6	95.9	96.8	102.7
Toluene	<1	µg/L	1	<1	02/20/02	8260b	---	3.9	95.7	98.8	91

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Client: Environmental Tech Group **Attn:** Ann Moore	**Project ID:** Monument 11 EOT 2054C **Sample Name:** MW 3	**Report#/Lab ID#:** 125715 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	92.8	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 125715 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ann Moore
Project ID: Monument 11 EOT 2054C
Sample Name: MW 3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Ann Moore
Address: 4600 West Wall
Midland Tx 79703

Phone: 915 522-1139 **FAX:** 915 520-4310

Report#/Lab ID#: 125716 **Report Date:** 02/22/02
Project ID: Monument 11 EOT 2054C
Sample Name: EB
Sample Matrix: water
Date Received: 02/19/2002 **Time:** 09:51
Date Sampled: 02/11/2002 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/20/02	8260b	---	2	89.7	90.3	85.8
Ethylbenzene	<1	µg/L	1	<1	02/20/02	8260b	---	1.5	95.9	96.6	100.7
m,p-Xylenes	<1	µg/L	1	<1	02/20/02	8260b	---	2.2	95.9	97.5	98.8
o-Xylene	<1	µg/L	1	<1	02/20/02	8260b	---	1.6	95.9	96.8	102.7
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Client: Environmental Tech Group **Attn:** Ann Moore	**Project ID:** Monument 11 EOT 2054C **Sample Name:** EB	**Report#/Lab ID#:** 125716 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.8	80-120	---
Toluene-d8	8260b	97.9	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

COC - 918

1603

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
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Fax: (512) 447-4766

Send Reports To:
Company Name E.T.G.E.
Address 6600 WEST LOOP
City MIDLAND State TX Zip 79703
ATTN: ANN MOORE
Phone (915) 522 1139 Fax (915) 520-4310

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 11 Sampler: Leman Casas
EOT 20454C

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8238	Comments
MW 1	2-1-92	1210	2		X		125713	X	
MW 2		1245					125714		
MW 3		1130					125715		
EB		1300					125716		

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutant or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Leman Casas	ETGE	2-18-92	1500	Melanie Humphrey	ASI	2/19/92	09:51

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

COPY

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129593 **Report Date:** 05/21/02
Project ID: Monument 11 EOT 2054C
Sample Name: MW 1
Sample Matrix: water
Date Received: 05/17/2002 **Time:** 09:30
Date Sampled: 05/16/2002 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/20/02	8260b	---	12.2	100.6	114.1	100
Ethylbenzene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99	105.8	102.6
m,p-Xylenes	<1	µg/L	1	<1	05/20/02	8260b	---	2.4	100	108.4	102.1
o-Xylene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99.2	104.7	103.4
Toluene	<1	µg/L	1	<1	05/20/02	8260b	---	12.7	107.7	107.2	106.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EOT 2054C **Sample Name:** MW 1	**Report#/Lab ID#:** 129593 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.7	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129594 **Report Date:** 05/21/02
Project ID: Monument 11 EOT 2054C
Sample Name: MW 2
Sample Matrix: water
Date Received: 05/17/2002 **Time:** 09:30
Date Sampled: 05/16/2002 **Time:** 11:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/20/02	8260b	---	12.2	100.6	114.1	100
Ethylbenzene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99	105.8	102.6
m,p-Xylenes	<1	µg/L	1	<1	05/20/02	8260b	---	2.4	100	108.4	102.1
o-Xylene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99.2	104.7	103.4
Toluene	<1	µg/L	1	<1	05/20/02	8260b	---	12.7	107.7	107.2	106.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EOT 2054C **Sample Name:** MW 2	**Report#/Lab ID#:** 129594 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.1	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129595 **Report Date:** 05/21/02
Project ID: Monument 11 EOT 2054C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/17/2002 **Time:** 09:30
Date Sampled: 05/16/2002 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/20/02	8260b	J	12.2	100.6	114.1	100
Ethylbenzene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99	105.8	102.6
m,p-Xylenes	<1	µg/L	1	<1	05/20/02	8260b	J	2.4	100	108.4	102.1
o-Xylene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99.2	104.7	103.4
Toluene	<1	µg/L	1	<1	05/20/02	8260b	---	12.7	107.7	107.2	106.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

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ANALYSIS inc.

4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EOT 2054C **Sample Name:** MW 3	**Report#/Lab ID#:** 129595 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113	80-120	---
Toluene-d8	8260b	100	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129595 **Matrix:** water
Client: *Environmental Tech Group* **Attn:** Ken Dutton
Project ID: Monument 11 EOT 2054C
Sample Name: MW 3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129596 **Report Date:** 05/21/02
Project ID: Monument 11 EOT 2054C
Sample Name: EB 1
Sample Matrix: water
Date Received: 05/17/2002 **Time:** 09:30
Date Sampled: 05/16/2002 **Time:** 11:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/20/02	8260b	---	12.2	100.6	114.1	100
Ethylbenzene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99	105.8	102.6
m,p-Xylenes	<1	µg/L	1	<1	05/20/02	8260b	---	2.4	100	108.4	102.1
o-Xylene	<1	µg/L	1	<1	05/20/02	8260b	---	0.8	99.2	104.7	103.4
Toluene	<1	µg/L	1	<1	05/20/02	8260b	---	12.7	107.7	107.2	106.6

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS Inc.

4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EOT 2054C **Sample Name:** EB 1	**Report#/Lab ID#:** 129596 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

2521

COC 074

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190 Austin, TX 787[illegible]
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: MONUMENT 11 EOT 2054C Sampler: Simon Casas

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B								Comments
MW 1	5-16-02	1030	2		X		129593	X								
MW 2	↓	1105	↓		↓		129594	↓								
MW 3	↓	1000	↓		↓		129595	↓								
~~MW~~ EB 1	↓	1120	↓		↓		129596	↓								

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's [illegible] limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI [illegible] ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures

Temp: 0.0 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	5/16/02	1600	Melanie Humphrey	ASI	5/17/02	0930

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

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AnalySys Inc.
3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 133493 **Report Date:** 09/19/02
Project ID: Monument 11 EO 2054
Sample Name: MW 1
Sample Matrix: water
Date Received: 09/13/2002 **Time:** 09:40
Date Sampled: 09/10/2002 **Time:** 11:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/17/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/17/02	8260b	---	1.4	127.2	94.1	101.3
Ethylbenzene	<1	µg/L	1	<1	09/17/02	8260b	---	3.4	94	106.5	110
m,p-Xylenes	<1	µg/L	1	<1	09/17/02	8260b	---	3.3	91.5	103.2	107.5
o-Xylene	<1	µg/L	1	<1	09/17/02	8260b	---	2.9	90.5	103	107.2
Toluene	<1	µg/L	1	<1	09/17/02	8260b	---	2.5	96	95.5	101.5

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EO 2054 **Sample Name:** MW 1	**Report#/Lab ID#:** 133493 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.8	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 133494 **Report Date:** 09/19/02
Project ID: Monument 11 EO 2054
Sample Name: MW 2
Sample Matrix: water
Date Received: 09/13/2002 **Time:** 09:40
Date Sampled: 09/10/2002 **Time:** 11:57

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/17/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/17/02	8260b	---	1.4	127.2	94.1	101.3
Ethylbenzene	<1	µg/L	1	<1	09/17/02	8260b	---	3.4	94	106.5	110
m,p-Xylenes	<1	µg/L	1	<1	09/17/02	8260b	---	3.3	91.5	103.2	107.5
o-Xylene	<1	µg/L	1	<1	09/17/02	8260b	---	2.9	90.5	103	107.2
Toluene	<1	µg/L	1	<1	09/17/02	8260b	---	2.5	96	95.5	101.5

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3512 Montopolis Dr., Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EO 2054 **Sample Name:** MW 2	**Report#/Lab ID#:** 133494 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	99.6	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 133495 **Report Date:** 09/19/02
Project ID: Monument 11 EO 2054
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/13/2002 **Time:** 09:40
Date Sampled: 09/10/2002 **Time:** 10:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/17/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/17/02	8260b	J	1.4	127.2	94.1	101.3
Ethylbenzene	<1	µg/L	1	<1	09/17/02	8260b	---	3.4	94	106.5	110
m,p-Xylenes	<1	µg/L	1	<1	09/17/02	8260b	---	3.3	91.5	103.2	107.5
o-Xylene	<1	µg/L	1	<1	09/17/02	8260b	---	2.9	90.5	103	107.2
Toluene	<1	µg/L	1	<1	09/17/02	8260b	---	2.5	96	95.5	101.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EO 2054 **Sample Name:** MW 3	**Report#/Lab ID#:** 133495 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 133495 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Monument 11 EO 2054
Sample Name: MW 3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

AnalySys Inc.

3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 133496 **Report Date:** 09/19/02
Project ID: Monument 11 EO 2054
Sample Name: EB 1
Sample Matrix: water
Date Received: 09/13/2002 **Time:** 09:40
Date Sampled: 09/10/2002 **Time:** 12:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/17/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/17/02	8260b	---	1.4	127.2	94.1	101.3
Ethylbenzene	<1	µg/L	1	<1	09/17/02	8260b	---	3.4	94	106.5	110
m,p-Xylenes	<1	µg/L	1	<1	09/17/02	8260b	---	3.3	91.5	103.2	107.5
o-Xylene	<1	µg/L	1	<1	09/17/02	8260b	---	2.9	90.5	103	107.2
Toluene	<1	µg/L	1	<1	09/17/02	8260b	---	2.5	96	95.5	101.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are *J = analyte potentially present between the PQL and the MDL.* B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M =Matrix interference.

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3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Monument 11 EO 2054 **Sample Name:** EB 1	**Report#/Lab ID#:** 133496 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.7	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

COC: 144 3739

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane Suite 190 Austin TX 78744
Phone (512) 444-5896
Fax (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W. MARLAND
City HOBBS State NM Zip 88240
ATTN KEN DUTTON
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):
Company Name EOTT
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO# MONUMENT 11 E02054 Sampler Simon Casas

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No Description/Identification	Date Sampled	Time Sampled	No of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B								Comments
MW 1	9/10/02	1125	2		X		133493	X								
MW 2	↓	1157	↓		↓		133494	↓								
MW 3	↓	1045	↓		↓		133495	↓								
EB 1	↓	1210	↓		↓		133496	↓								

(1) Unless specifically requested otherwise on this Chain of Custody and or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported ... limit (MDL/PQL) ... For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody ... ASI's ... list at ASI's option. Specific compound lists must be supplied for all GC procedures

Temp: 2.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	9/12/02	1600	Melanie Humphrey	ASI	9/13/02	0940

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.

FILE

ANALYSYS INC.

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 136622 **Report Date:** 11/26/02
Project ID: Monument 11 EO 2054
Sample Name: MW 1
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/15/2002 **Time:** 09:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSIS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument 11 EO 2054 **Sample Name:** MW 1	**Report#/Lab ID#:** 136622 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.4	80-120	---
Toluene-d8	8260b	98.9	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 136623 **Report Date:** 11/26/02
Project ID: Monument 11 EO 2054
Sample Name: MW 2
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/15/2002 **Time:** 08:53

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument 11 EO 2054 **Sample Name:** MW 2	**Report#/Lab ID#:** 136623 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81	80-120	---
Toluene-d8	8260b	97.4	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 136624 **Report Date:** 11/26/02
Project ID: Monument 11 EO 2054
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/15/2002 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	J	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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ANALYSYS INC
3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Monument 11 EO 2054 **Sample Name:** MW 3	**Report#/Lab ID#:** 136624 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.7	80-120	---
Toluene-d8	8260b	98.4	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 136624 **Matrix:** water
Client: Environmental Tech Group **Attn:** Robert Edison
Project ID: Monument 11 EO 2054
Sample Name: MW 3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes: _____

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

COC; 192

Send Reports To:
Company Name E.T.G.I.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Robert Edison
Phone 505-397-4882 Fax 505-397-4701

Bill to (if different):
Company Name
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Monument 11 EO-2054 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
mw1	11/15/02	0918	2		X		136622	X	
mw2	↓	0853	↓		↓		136623	↓	
mw3	↓	0945	↓		↓		136624	↓	

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 3.9 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E.T.G.I.	11/19/02	1130	Melonie Humphrey	ASI	11/20/02	13:00

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

• RB 11/5

ANNUAL MONITORING REPORT

EOTT PIPELINE COMPANY
MONUMENT 11
LEA COUNTY, NEW MEXICO

1R-120

RECEIVED

MAY 0 9 2001

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

PREPARED FOR:

EOTT PIPELINE COMPANY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2001

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INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of EOTT Energy Corp. (EOTT), prepared this annual report in compliance with the New Mexico Oil Conservation Division (OCD) letter of May 1998, requiring submittal of an annual report by April 1 of each year. The report presents the results of the quarterly ground water monitoring events only. For reference, the Site Location Map is provided as Figure 1.

Ground water monitoring was conducted during three quarterly events in calendar year 2000 to assess the levels and extent of dissolved phase and phase-separated petroleum hydrocarbon (PSH) constituents. The ground water monitoring events consisted of measuring static water levels in the monitoring wells, checking for the presence of PSH, and purging and sampling of each well exhibiting sufficient recharge. Monitoring wells containing measurable levels of PSH were not sampled.

FIELD ACTIVITIES

The site monitoring wells were gauged and sampled on May 3, August 30, and November 17, 2000. During each sampling event, the monitoring wells, designated to be sampled, were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Ground water was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were stored in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico, utilizing a licensed disposal facility (OCD AO SWD-730).

GROUND WATER GRADIENT

Locations of the monitoring wells and the inferred ground water gradient, as measured on November 17, 2000, are depicted on Figure 2, the Site Ground Water Gradient Map. The ground water elevation data are provided as Table 1. Ground water elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.015 ft/ft to the southeast as measured between ground water monitoring wells MW-3 and MW-4. The depth to ground water, as measured from the top of the well casing, ranged between 23.61 to 27.04 feet for the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitoring well MW-4 during the annual monitoring period. A maximum thickness of 0.30 foot in monitoring well MW-4 was measured and is shown on Table 1.

LABORATORY RESULTS

Ground water samples collected during the sampling events were hand delivered to Environmental Laboratory of Texas, Midland, Texas for determination of benzene, toluene, ethyl benzene and total xylenes (BTEX) concentrations by EPA Method SW846-8021B. The ground water chemistry data are provided as Table 2 and the Laboratory Reports are provided as Appendix A.

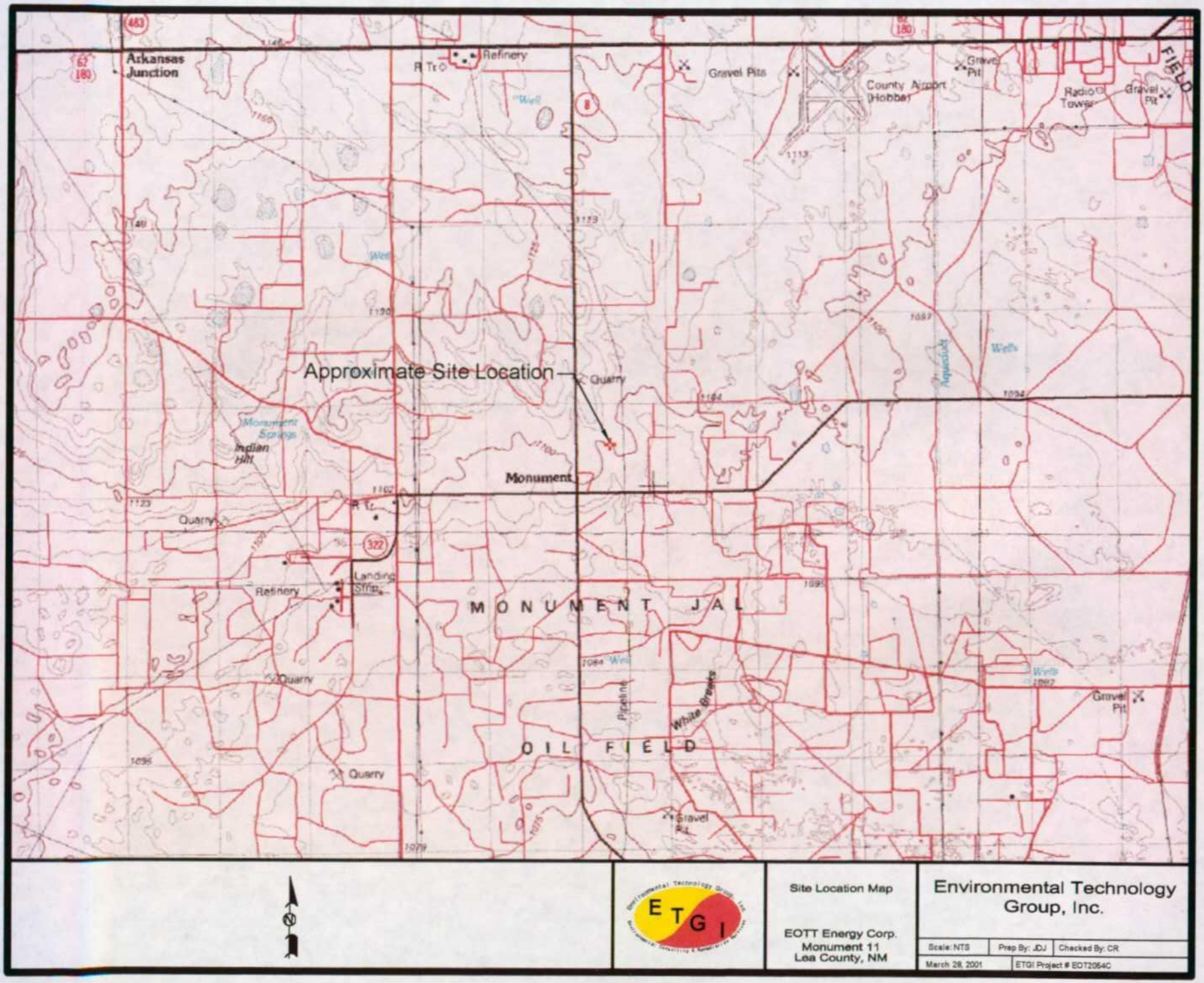
Laboratory results for all of the site ground water samples, obtained during the calendar year 2000 monitoring period, indicated that Benzene and BTEX concentrations were below method detection limits for monitoring wells MW-1 and MW-2. The Benzene and BTEX concentrations in the ground water samples collected from ground water monitoring well MW-3 were below regulatory standards.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2000. A measurable thickness of PSH was detected in monitoring well MW-4 during the annual monitoring period. A maximum thickness of 0.30 foot in monitoring well MW-4 was measured in this monitoring well.

Ground water elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.015 ft/ft to the southeast as measured between ground water monitoring wells MW-3 and MW-4.

Laboratory results for all of the site ground water samples, obtained during the calendar year 2000 monitoring period, indicated that Benzene and BTEX concentrations were below method detection limits for monitoring wells MW-1 and MW-2. The Benzene and BTEX concentrations in the ground water samples collected from ground water monitoring well MW-3 were below regulatory standards.



Site Location Map

EOTT Energy Corp.
Monument 11
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: CR
March 28, 2001	ETGI Project # EOT2054C	

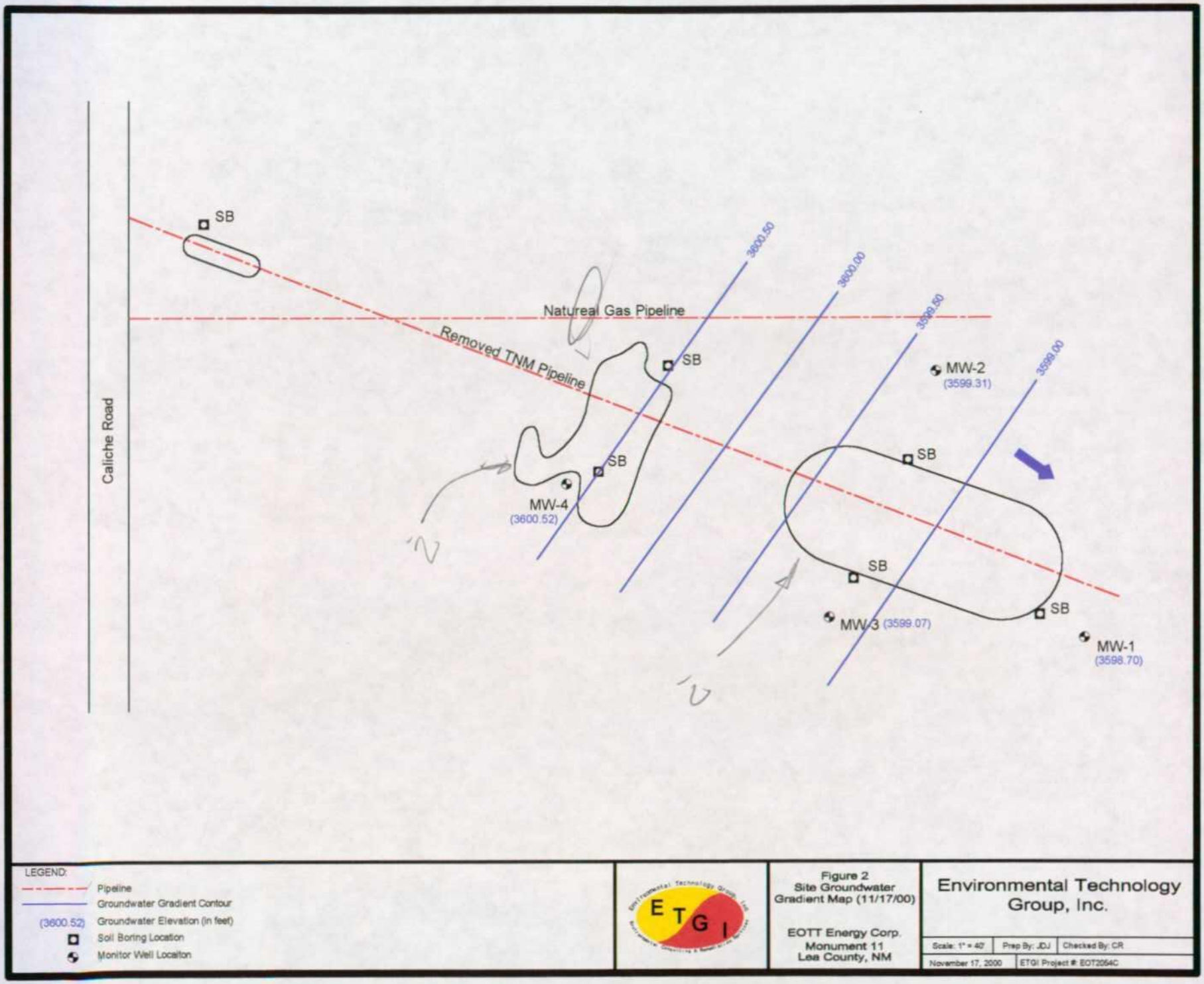

Caliche Road
SB
Natureal Gas Pipeline
Removed TNM Pipeline
3600.50
3600.00
3599.50
3599.00
SB
MW-2
(3599.31)
SB
SB
MW-4
(3600.52)
SB
SB
MW-3 (3599.07)
SB
MW-1
(3598.70)
N
N
LEGEND:
Pipeline
Groundwater Gradient Contour
(3600.52) Groundwater Elevation (in feet)
Soil Boring Location
Monitor Well Location
ETGI
Figure 2
Site Groundwater Gradient Map (11/17/00)
EOTT Energy Corp.
Monument 11
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1" = 40'
Prep By: JDJ
Checked By: CR
November 17, 2000
ETGI Project #: EOT2064C

TABLE 1

GROUND WATER ELEVATION
ANNUAL REPORT

EOTT ENERGY CORPORATION
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT2054C

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	05/03/00	3,624.90	-	27.04	0.00	3,597.86
	08/30/00	3,624.90	-	26.19	0.00	3,598.71
	11/17/00	3,624.90	-	26.20	0.00	3,598.70
MW - 2	05/03/00	3,624.91	-	25.60	0.00	3,599.31
	08/30/00	3,624.91	-	25.55	0.00	3,599.36
	11/17/00	3,624.91	-	25.60	0.00	3,599.31
MW - 3	05/03/00	3,623.99	-	24.91	0.00	3,599.08
	08/30/00	3,623.99	-	24.88	0.00	3,599.11
	11/17/00	3,623.99	-	24.92	0.00	3,599.07
MW - 4	05/03/00	3,624.09	23.61	23.75	0.14	3,600.46
	08/30/00	3,624.09	23.31	23.61	0.30	3,600.74
	11/17/00	3,624.09	23.55	23.70	0.15	3,600.52

TABLE 2

GROUND WATER CHEMISTRY
ANNUAL REPORT

EOTT ENERGY CORPORATION
MONUMENT 11
LEA COUNTY, NEW MEXICO
ETGI Project # EOT 2054C

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES
MW - 1	05/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	05/03/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 3	05/03/00	0.004	0.002	0.001	<0.001	<0.001
	08/30/00	0.001	0.001	0.002	<0.001	<0.001
	11/17/00	<0.001	<0.001	<0.001	<0.001	<0.001

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

Sample Type: Soil
Sample Condition: Intact/ Iced/ HCl/ 1 deg. C
Project #: EOT 1054R
Project Name: Monument 11
Project Location: Monument, N.M.

Sampling Date: 05/03/00
Receiving Date: 05/03/00
Analysis Date: 05/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25496	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
25497	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
25498	MW 3	0.004	0.002	0.001	<0.001	<0.001
	% IA	106	100	103	113	102
	% EA	101	96	98	105	97
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Umesh Rao
Umesh Rao, Ph. D.

5/16/00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 132

Project Manager: JESSE TAYLOR
Phone #: (915) 664-9166
FAX #: (505) 392-3744

Company Name & Address: ETTI
P.O. Box 4845 MIDLAND TX 79704

Project #: EOT 1054R
Project Name: MONUMENT 11

Project Location: MONUMENT NM
Sampler Signature:

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/602	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS 160.1	RCI	HEM MERCURY 7470	CATIONS 6010	ANIONS 300.0	PAH 8100 or 8270
	MW 1	5	V.S	X					X	X	X			5-3	1220	X						X		X	X	X	X
	MW 2														1245												
	MW 3														1145												

Relinquished by:	Date:	Times:	Received by:
Simon Casas	5-3-00	1430	
Relinquished by:	Date:	Times:	Received by:
	5-3-00	1730	
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS: MAIL RESULTS K. PUTTON

FAXED EOT 1015 hr

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2054C
Project Name: Monument 11
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30303	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30304	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30305	MW 3	0.001	0.001	0.002	<0.001	<0.001	0.004
30306	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		103	100	103	106	99	
% EA		104	104	106	110	102	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-6-00
Date

Environmental Technology Group, Inc
ETGI
Environmental Consulting & Remediation Services

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 582-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)
COC 214

Project Manager: BETH ALDRICH

Project Name: MONUMENT 11

Project Number: EOT 2054C

Project Location: MONUMENT NM

Sampler Signature: Stephen Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/~~602~~	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
	MW 1	2	V	X				X			X		8-30	1105	X											
	MW 2	↓	↓	↓				↓			↓		↓	1120	↓											
	MW 3	↓	↓	↓				↓			↓		↓	1040	↓											
	EB 1	↓	↓	↓				↓			↓		↓	1130	↓											

Relinquished by: _____ Date: 9-1-00 Time: 1400

Relinquished by: _____ Date: 9-1-00 Time: 1700

Received by: _____ Date: _____ Time: _____

Received at Lab by: _____ Date: 9-1-00 Time: 1705

REMARKS:
MAIL RESULTS: EOTT
INVOICE: EOTT
FAX RESULTS: HOBBS OFFICE
30°P

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
2540 WEST MARLAND
HOBBS, N.M. 88240
FAX: 915-520-4310
FAX: 505-397-4701

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -1 deg. C
Project #: EOT 2054C
Project Name: Monument 11
Project Location: Monument, N.M.

Sampling Date: 11/17/00
Receiving Date: 11/18/00
Analysis Date: 11/20/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
34084	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
34085	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
34086	MW-3	<0.001	<0.001	<0.001	<0.001	<0.001
34087	EB-1	<0.001	<0.001	<0.001	<0.001	<0.001
%IA		93	100	106	110	102
%EA		84	90	95	98	93
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

11-21-00
Date

[redacted] Environmental Lab of [redacted] Texas, Inc [redacted] 1600 [redacted] 1-20 [redacted] Odessa [redacted] Texas [redacted] 63

(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 275

Project Manager: BETH ALDRICH

Phone #: (505) 397-4882

FAX #: (505) 397-4701

Company Name & Address: ETGI 2540 W MARLAND HOBBS NM

Project #: EOT 20540

Project Name: MONUMENT 11

Project Location: MONUMENT NM

Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021/~~8260~~	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
	MW 1	2	✓	X					X		X			11-17	1145	X							
	MW 2														1205								
	MW 3														1130								
	EB 1	✓	✓	✓					✓		✓			✓	1220	✓							

Relinquished by:	Date:	Time:	Received by:
[signature]	11-17-00	1500	[signature]
[signature]	11/18/00	1213	[signature]

Received by Laboratory:

REMARKS: ~~INVOICE~~ ; EOTT TC

FAX RESULTS ; HOBBS OFFICE

MAIL RESULTS : EOTT