1R - 404

REPORTS

DATE:

4/2004

ANNUAL MONITORING REPORT

1R404

LEA STATION TO MONUMENT 6 INCH

NE ¼ of the SE ¼ of SECTION 5, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
LINK ENERGY LEAK NUMBER: 2001-11056
ETGI PROJECT NUMBER: LI2078

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

LEA STATION TO MONUMENT 6 INCH

NE ¼ of the SE ¼ of SECTION 5, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
LINK ENERGY LEAK NUMBER: 2001-11056
ETGI PROJECT NUMBER: LI2078

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

Camille Reynolds
Project Manager

For Todd Choban
Todd Choban
Regional Manager

TABLE OF CONTENTS

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 monitoring 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 site monitor wells were gauged and sampled on February 17, May 19, August 25, and November 21, 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 August and Lobo Trucking, Hobbs, New Mexico from September through 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 quarterly sampling events are depicted on Figures 2A-2D, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as Table 1. Analysis of the groundwater elevation data indicated the groundwater gradient is flat within the tolerance of the measuring instrument. The depth to groundwater, as measured from the top of the well casing, ranged between 39.07 to 41.55 feet in the shallow alluvial aquifer.

A trace amount or sheen of PSH was detected in monitor well MW-5 during the third and fourth quarters of 2003 annual monitoring period and is recorded on Table 1.

LABORATORY RESULTS

Groundwater samples obtained during the 2003 monitoring events were delivered to AnalySys Inc. in Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW 846-8260b. 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 quarterly groundwater sample results for benzene and BTEX constituent concentrations are depicted on Figures 3A-3D, the Groundwater Concentration Maps.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2003 monitoring period indicate that benzene and BTEX constituent concentrations are below NMOCD regulatory standards in monitor wells MW-1, MW-3, MW-4, MW-5 and MW-6. The benzene concentration in monitor well MW-2 was above NMOCD regulatory standard during the fourth quarter sampling event while total BTEX concentrations were below applicable NMOCD regulatory standards. However, a trace amount or sheen of PSH was detected in monitor well MW-5 during the third and fourth quarters of 2003. An absorbent boom was installed in monitor well MW-5 during the third quarter of 2003.

SUMMARY

This report presents the results of groundwater monitoring activities for the annual monitoring period 2003. A sheen of PSH was detected in monitor well MW-5 during the third and fourth quarters of the 2003 annual monitoring period. No measurable amount of PSH was recovered during the third and fourth quarters of the 2003 reporting period. An absorbent boom was installed in monitor well MW-5 during the third quarter of 2003.

Analysis of the groundwater elevation data indicated the groundwater gradient is flat within the tolerance of the measuring instrument.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2003 monitoring period indicate that benzene and BTEX constituent concentrations are below NMOCD regulatory standards in monitor wells MW-1, MW-3, MW-4, MW-5 and MW-6. The benzene concentration in monitor well MW-2 was above NMOCD regulatory standard during the fourth quarter sampling event while total BTEX concentrations were below applicable NMOCD regulatory standards. However, a trace amount or sheen of PSH was detected in monitor well MW-5 during the third and fourth quarters of 2003. An absorbent boom was installed in monitor well MW-5 during the third quarter of 2003.

DISTRIBUTION

Copy 1 & 2: William C. Olson and Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Copy 3: Chris Williams
New Mexico Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 4: Jeff Dann
Link Energy
2000 West Sam Houston Parkway
Suite 400
Houston, Texas 77042

Copy 5: Jimmy Bryant
Link Energy
5805 Hwy 80 East
Midland, Texas 79701

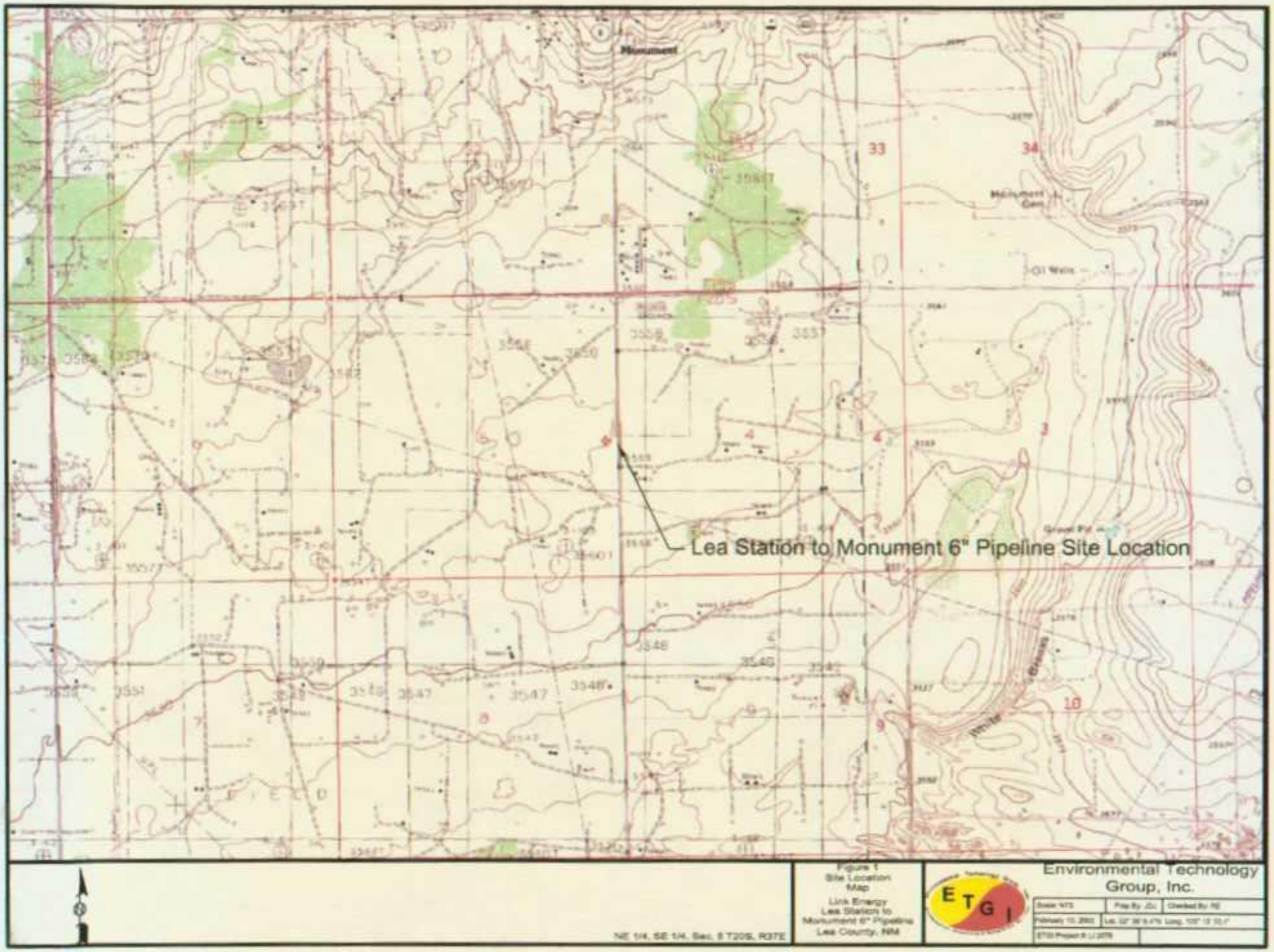
Copy 6: Environmental Technology Group, Inc.
4600 West Wall
Midland, Texas 79703

Copy 7: Environmental Technology Group, Inc.
2540 West Marland
Hobbs, New Mexico 88240

Copy Number: _____

Quality Control Review: _____

FIGURES

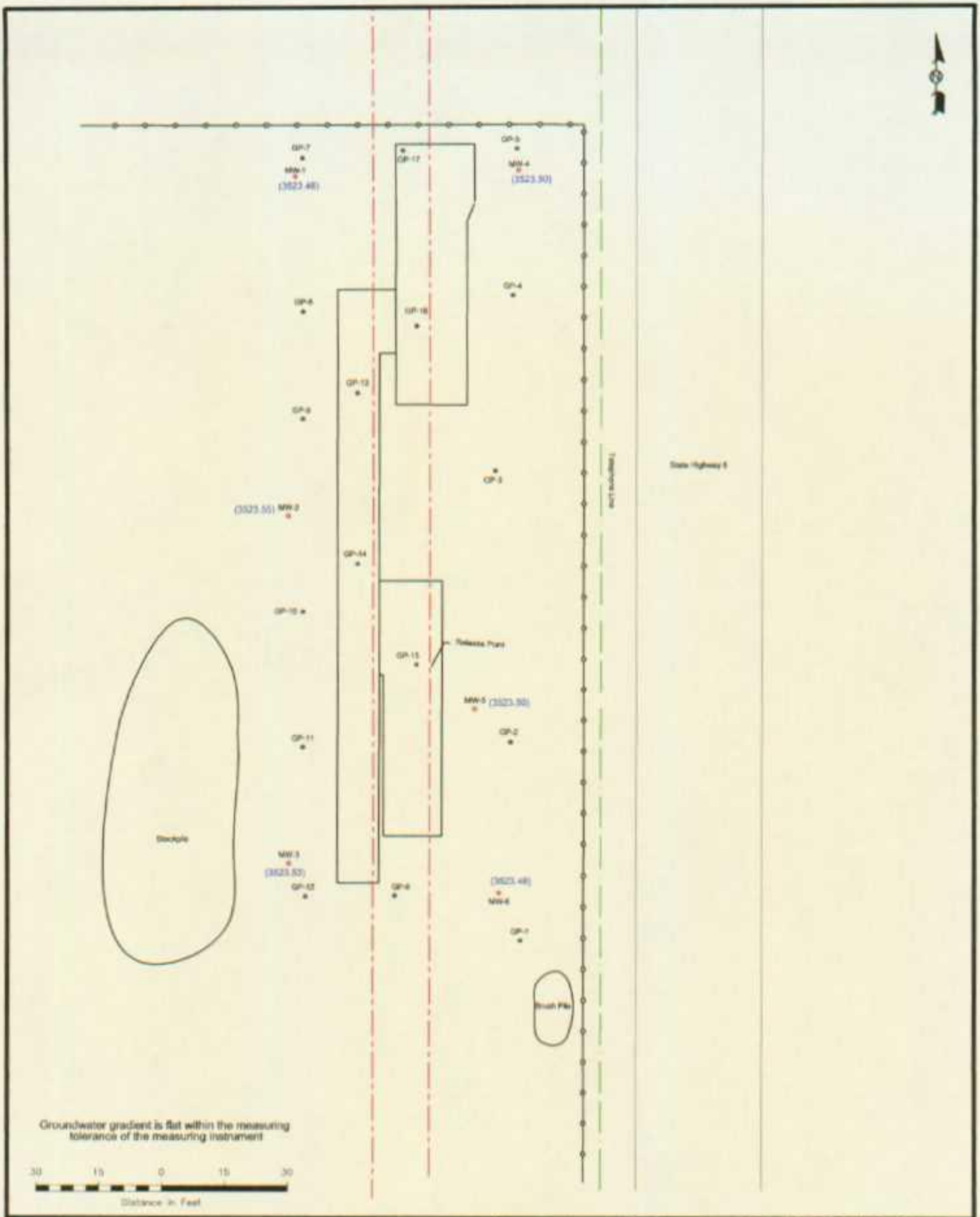


NE 1/4, SE 1/4, Sec. 8 T20S, R37E

Figure 1
Site Location
Map
Link Energy
Lea Station to
Monument 6" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDL	Checked By: RE
February 10, 2003	Lat. 32° 36' 9.4"N Long. 103° 13' 33.1"	
ETGI Project # LJ-2078		



Legend:

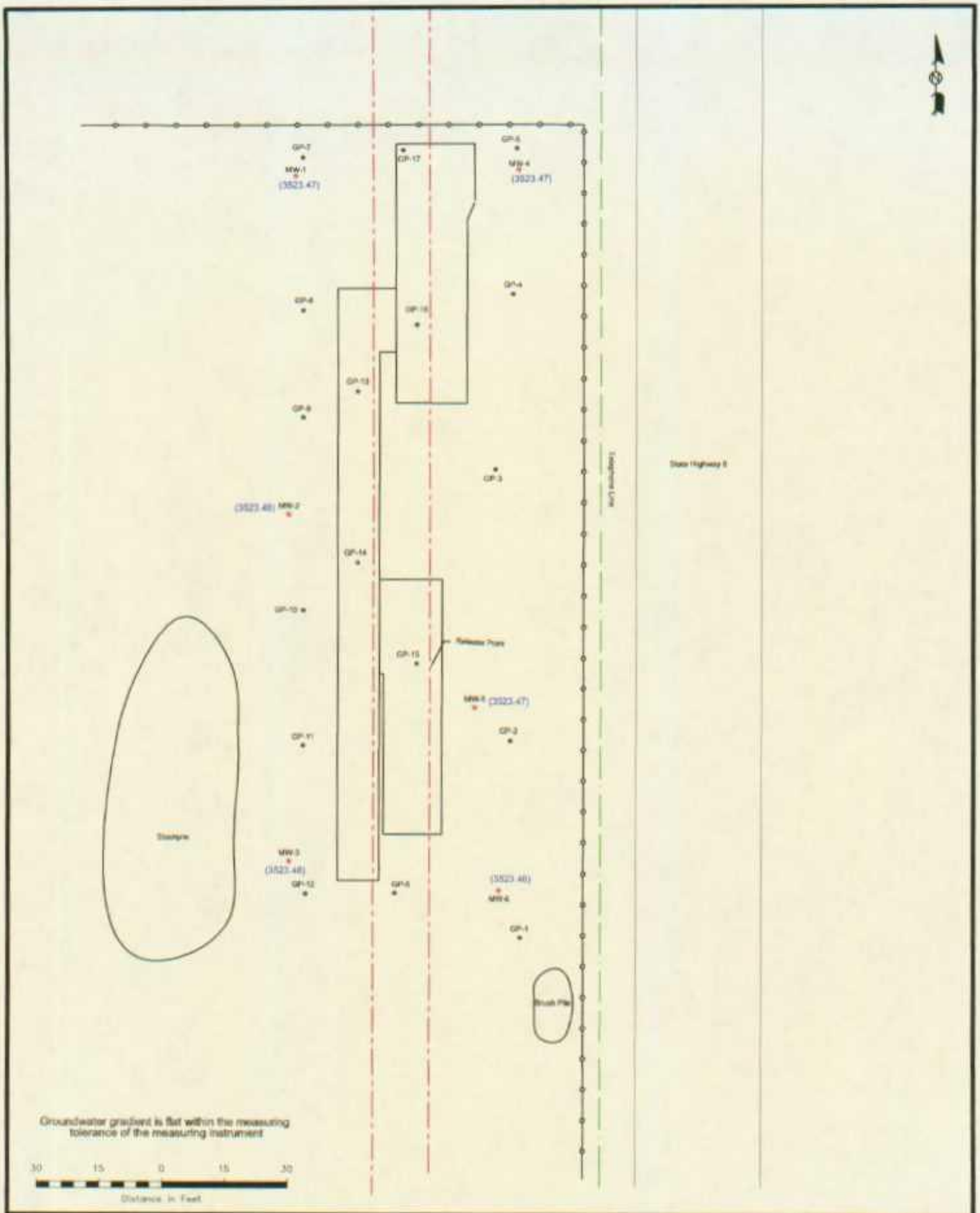
- GeoProbe Sample Location (3523.39) Groundwater Elevation (in Feet)
- Pipeline
- Fence
- Monitor Well Location

NE 1/4, SE 1/4, Sec. 8, T20S, R37E

Figure 2A
Informal Groundwater Gradient Map (2/17/05)
Link Energy
Lea Station to Monument 6" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 30'	Prep By: ss	Checked By: RE
March 17, 2005	Lat. 32° 36' 8.4"N Long. 103° 10' 55.1"	
ETGI Project # LI 2079		



Legend

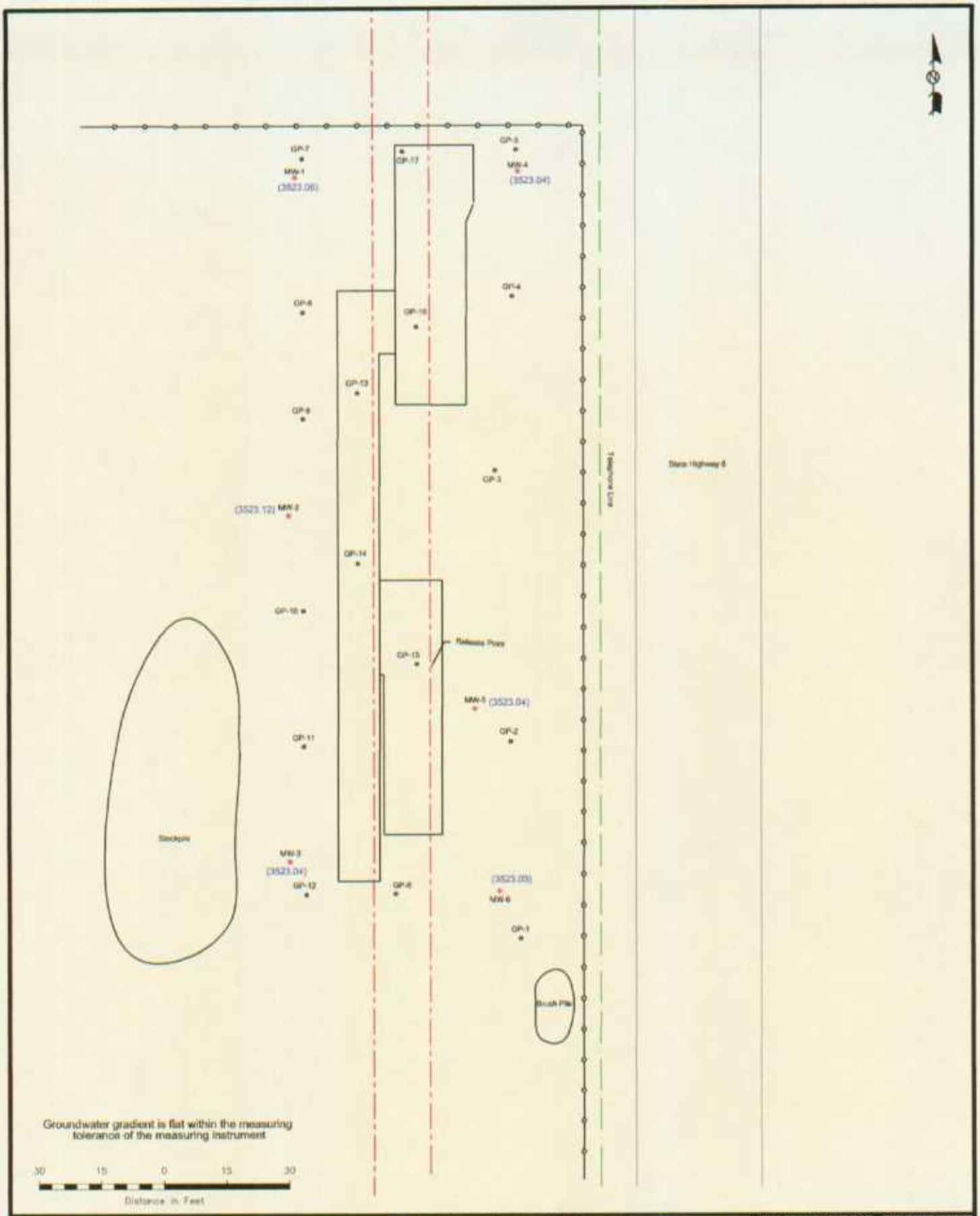
- GeoProbe Sample Location
- (3523.35) Groundwater Elevation (in Feet)
- Pipeline
- Fence
- Monitor Well Location

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 2B
Inferred Groundwater Gradient Map (5/19/03)
Link Energy
Lea Station to Monument 6" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 30'	Prep By: ca	Checked By: RE
March 17, 2004	Lat. 32° 36' 9.479 Long. 103° 10' 55.1"	
ETGI Project #: LI-2079		



Legend:

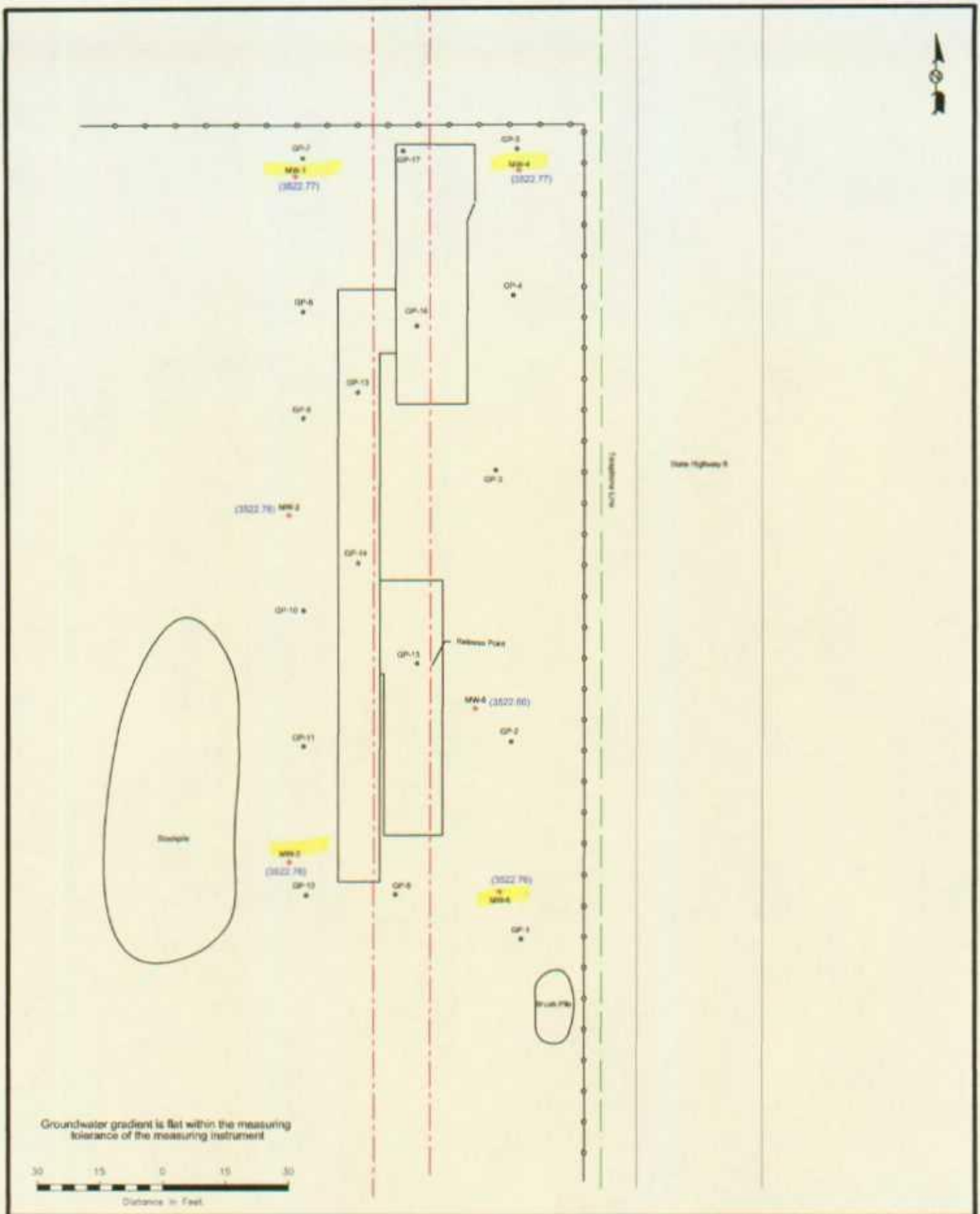
- GeoProbe Sample Location
- (3523.35) Groundwater Elevation (in Feet)
- Pipeline
- Fence
- Monitor Well Location

NE 1/4, SE 1/4, Sec. 3, T20S, R37E

Figure 2C
Inferred Groundwater Gradient Map (8/26/03)
Link Energy
Lea Station to Monument #1 Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 30'	Prep By: ca	Checked By: RE
March 17, 2004	Lat. 32° 36' 6.4"N Long. 103° 10' 59.1"	
ETGI Project #: LI 2075		



Legend:

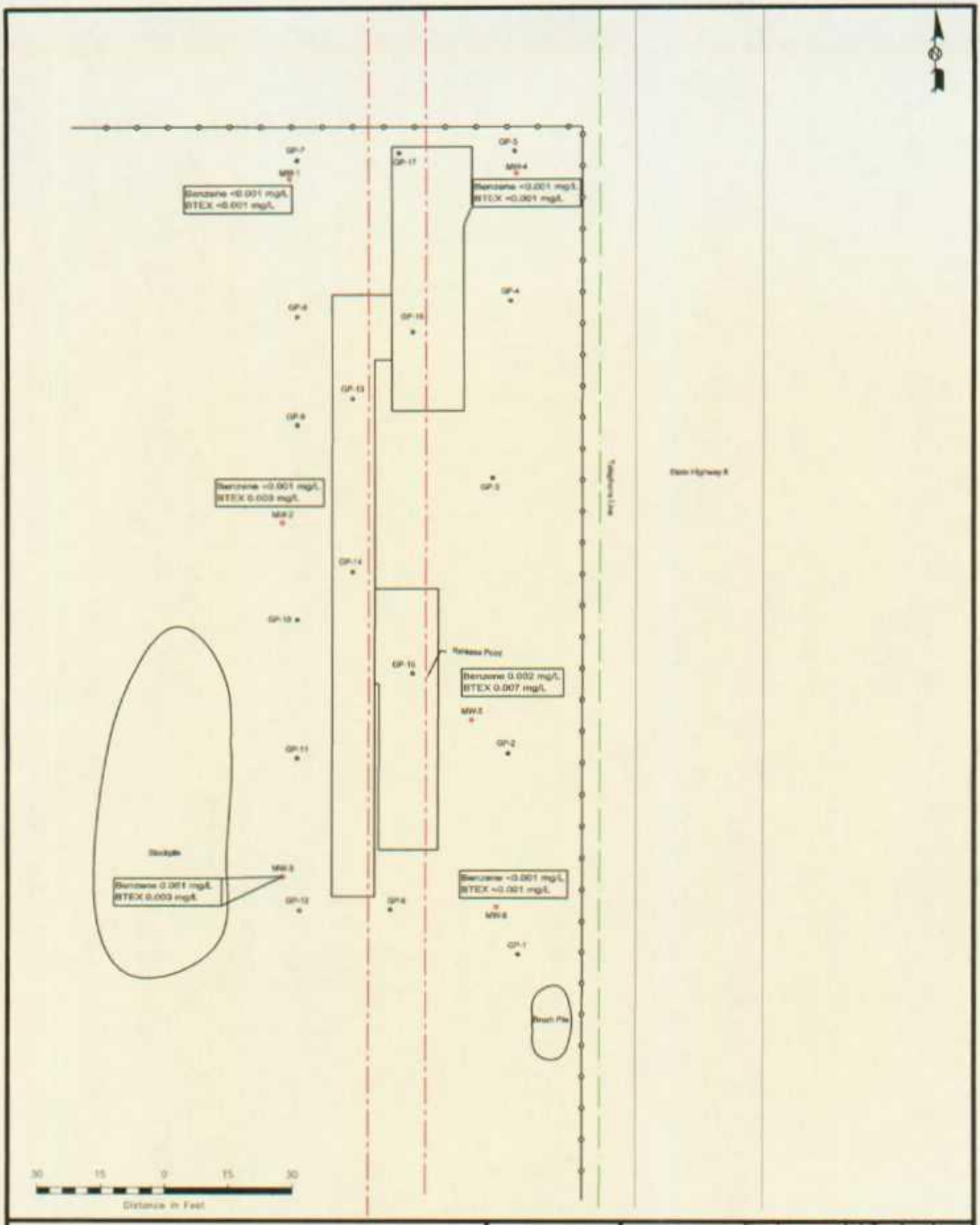
- GeoProbe Sample Location (3523.20) Groundwater Elevation (in Feet)
- Pipeline
- Fence
- Monitor Well Location

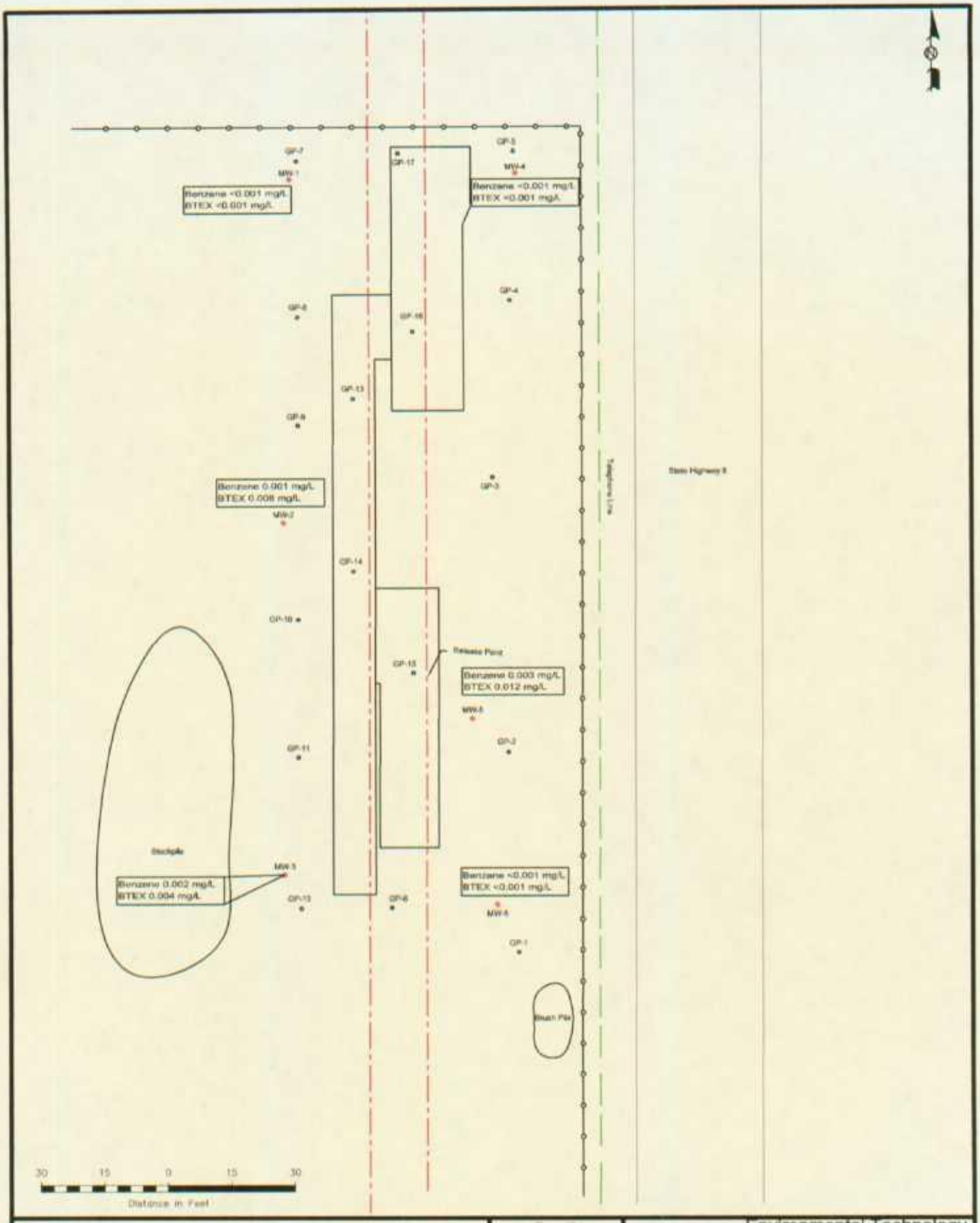
NE 1/4, SE 1/4, Sec. 3, T20S, R37E

Figure 2D
Inferred Groundwater Gradient Map (11/21/03)
Link Energy
Lea Station to Monument 6" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 30'	Prep By: ve	Checked By: SE
January 20, 2004	Lat. 32° 36' 6.476 Long. 103° 55' 55.7"	
ETGI Project #: LI 2079		


GP-7
MW-1
Benzene <0.001 mg/L
BTEX <0.001 mg/L
GP-17
GP-5
MW-4
Benzene <0.001 mg/L
BTEX <0.001 mg/L
GP-4
GP-8
GP-16
GP-13
GP-9
Benzene <0.001 mg/L
BTEX 0.003 mg/L
MW-2
GP-3
GP-14
GP-10
GP-15
Release Point
Benzene 0.002 mg/L
BTEX 0.007 mg/L
MW-5
GP-2
GP-11
Stockpile
MW-3
Benzene 0.001 mg/L
BTEX 0.003 mg/L
GP-12
GP-6
Benzene <0.001 mg/L
BTEX <0.001 mg/L
MW-6
GP-1
Brush Pile
Railroad Line
State Highway 8
30
15
0
15
30
Distance in Feet
Legend:
GeoProbe Sample Location
Pipeline
Fence
Monitor Well Location
NE 1/4, SE 1/4, Sec. 5, T20S, R37E
Figure 3A
Groundwater Concentration Map (2/17/03)
Link Energy
Lea Station to Monument 0" Pipeline
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1" = 30'
Prep By: cs
Checked By: DC
March 17, 2004
Lat. 32° 32' 0.4"N Long. 103° 18' 35.1"
ETGI Project # LI 2018



Legend:

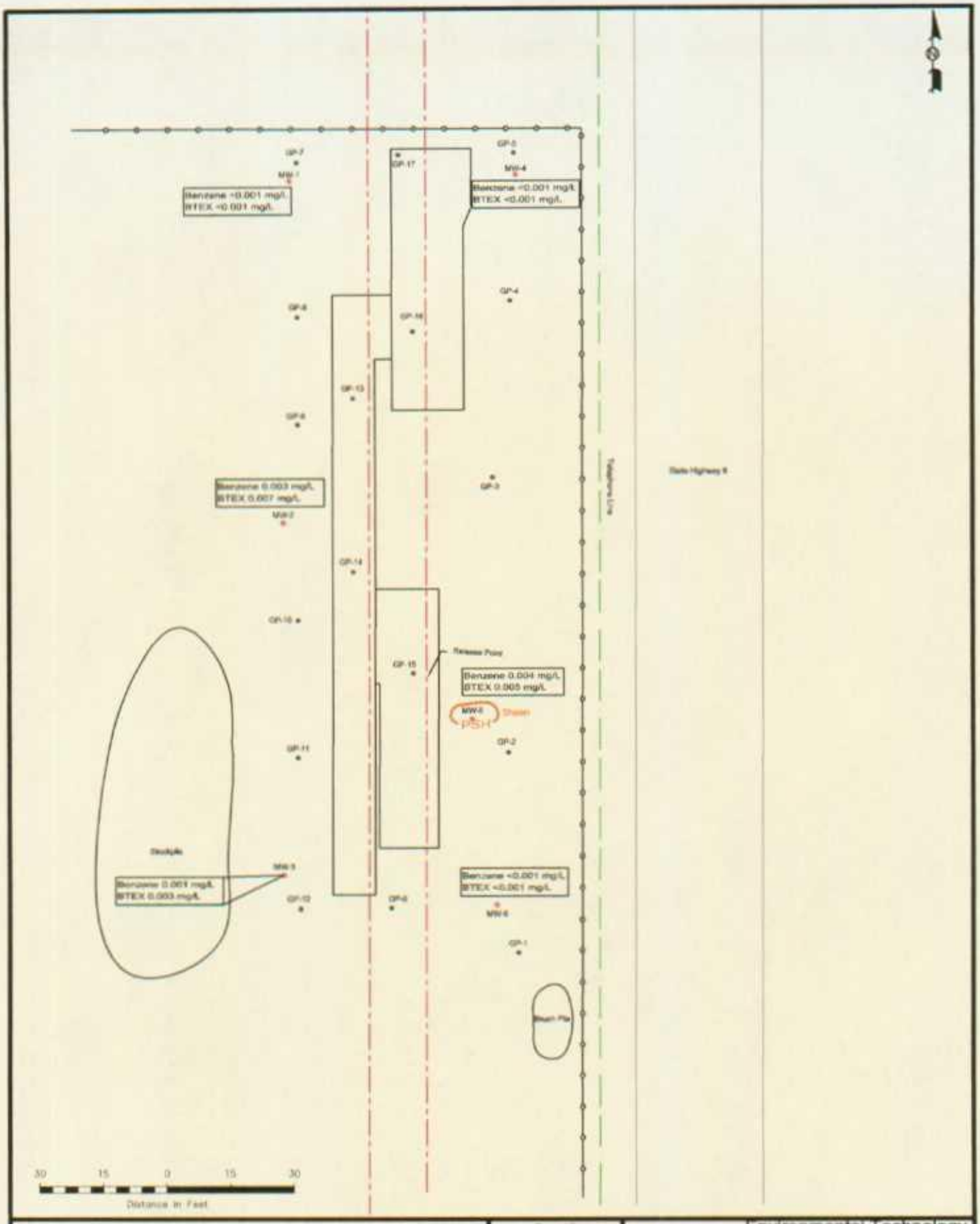
- GeoProbe Sample Location
- Pipeline
- Fence
- Monitor Well Location

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 3B
Groundwater Concentration Map (8/19/03)
Link Energy
Lea Station to Monument 8" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 30'	Prep By: cs	Checked By: RE
Revd: 17, 2004	Lat: 32° 36' 0.47" Long: 103° 15' 55.1"	
ETGI Project # LI 3078		



Legend:

- Grab/Probe Sample Location
- Pipeline
- Fence
- Monitor Well Location
- Inferred PSH Extent

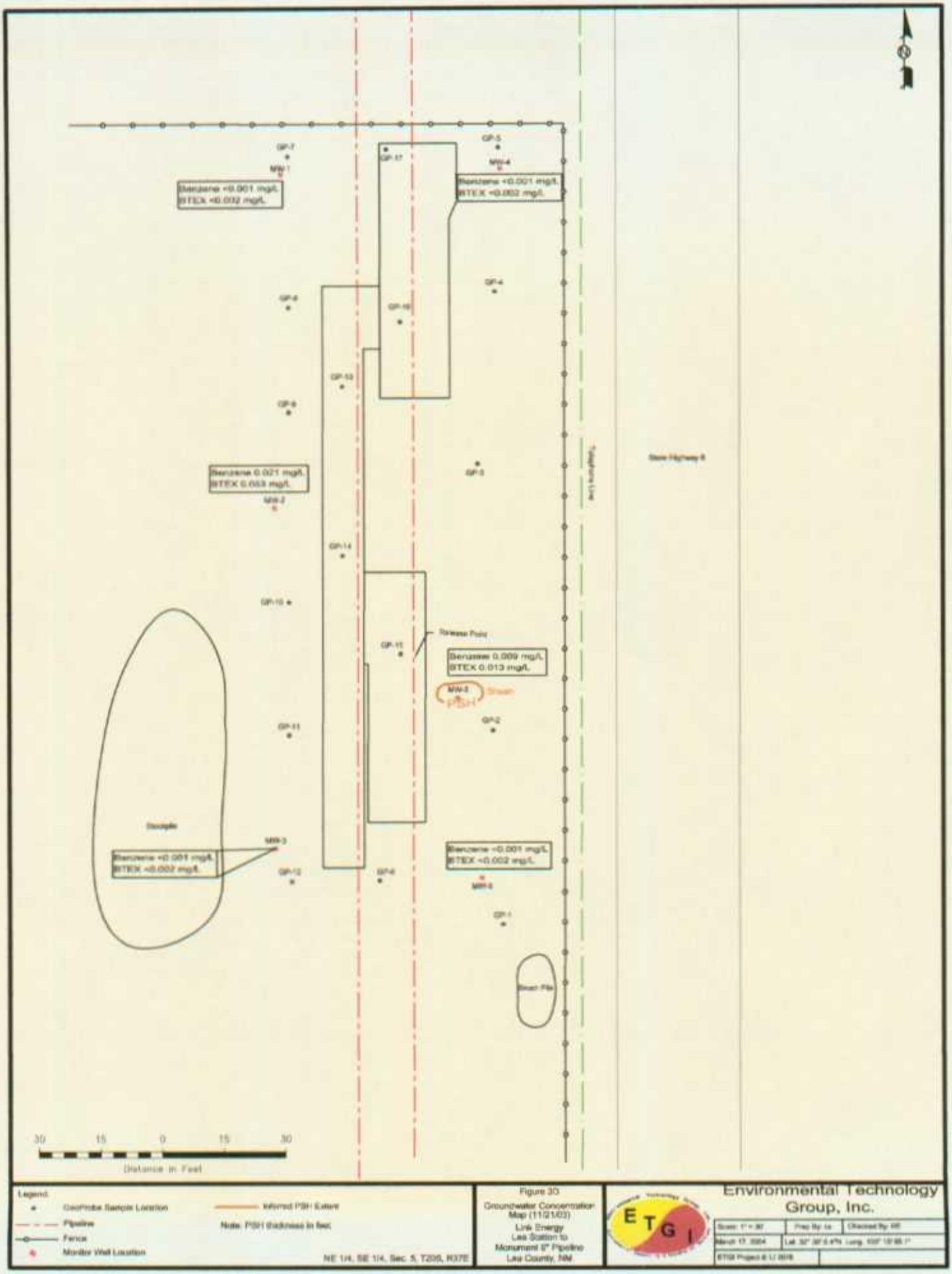
Note: PSH thickness in feet

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 3C
Groundwater Concentration Map (8/25/03)
Lea Energy
Lea Station to Monument 6" Pipeline
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 30'	Prep By: cs	Checked By: AE
March 17, 2004	Lat. 32° 38' 0.47"N Long. 103° 15' 55.1"	
ETGI Project # LI 3078		


GP-7
MW-1
GP-17
GP-5
MW-4
Benzene <0.001 mg/L
BTEX <0.032 mg/L
Benzene <0.001 mg/L
BTEX <0.002 mg/L
GP-4
GP-16
GP-6
GP-13
GP-8
Benzene 0.021 mg/L
BTEX 0.033 mg/L
MW-2
GP-3
GP-14
GP-10
GP-15
Release Point
Benzene 0.009 mg/L
BTEX 0.013 mg/L
MW-5
Sheen
PSH
GP-2
GP-11
Stockpile
MW-3
Benzene <0.001 mg/L
BTEX <0.002 mg/L
GP-12
GP-9
Benzene <0.001 mg/L
BTEX <0.002 mg/L
MW-6
GP-1
Brush Pile
30
15
0
15
30
Distance in Feet
Legend:
Geoprobe Sample Location
Pipeline
Fence
Monitor Well Location
Inferred PSH Extent
Note: PSH thickness in feet
NE 1/4, SE 1/4, Sec. 5, T20S, R37E
Figure 3D
Groundwater Concentration Map (11/21/03)
Link Energy
Lea Station to Monument 8" Pipeline
Lea County, NM
ETG
Environmental Technology Group, Inc.

TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2078

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	05/01/02	3562.67	ND	38.71	0.00	3523.96
	05/02/02	3562.67	ND	38.68	0.00	3523.99
	09/17/02	3562.67	ND	39.15	0.00	3523.52
	11/19/02	3562.67	ND	39.31	0.00	3523.36
	02/17/03	3562.67	ND	39.19	0.00	3523.48
	05/19/03	3562.67	ND	39.20	0.00	3523.47
	08/25/03	3562.67	ND	39.61	0.00	3523.06
	11/21/03	3562.67	ND	39.90	0.00	3522.77
MW - 2	05/01/02	3563.00	ND	39.04	0.00	3523.96
	05/02/02	3563.00	ND	39.04	0.00	3523.96
	09/17/02	3563.00	ND	39.47	0.00	3523.53
	11/19/02	3563.00	ND	39.63	0.00	3523.37
	02/17/03	3563.00	ND	39.45	0.00	3523.55
	05/19/03	3563.00	ND	39.52	0.00	3523.48
	08/25/03	3563.00	ND	39.88	0.00	3523.12
	11/21/03	3563.00	ND	40.22	0.00	3522.78
MW - 3	05/01/02	3562.60	ND	38.65	0.00	3523.95
	05/02/02	3562.60	ND	38.65	0.00	3523.95
	09/17/02	3562.60	ND	39.10	0.00	3523.50
	11/19/02	3562.60	ND	39.24	0.00	3523.36
	02/17/03	3562.60	ND	39.07	0.00	3523.53
	05/19/03	3562.60	ND	39.12	0.00	3523.48
	08/25/03	3562.60	ND	39.56	0.00	3523.04
	11/21/03	3562.60	ND	39.84	0.00	3522.76
MW - 4	05/01/02	3562.85	ND	38.89	0.00	3523.96
	05/02/02	3562.85	ND	38.85	0.00	3524.00
	09/17/02	3562.85	ND	39.34	0.00	3523.51
	11/19/02	3562.85	ND	39.48	0.00	3523.37
	02/17/03	3562.85	ND	39.35	0.00	3523.50
	05/19/03	3562.85	ND	39.38	0.00	3523.47
	08/25/03	3562.85	ND	39.81	0.00	3523.04
	11/21/03	3562.85	ND	40.08	0.00	3522.77
MW - 5	05/01/02	3564.21	ND	40.25	0.00	3523.96
	05/02/02	3564.21	ND	40.24	0.00	3523.97
	09/17/02	3564.21	ND	40.70	0.00	3523.51
	11/19/02	3564.21	ND	40.85	0.00	3523.36
	02/17/03	3564.21	ND	40.71	0.00	3523.50
	05/19/03	3564.21	ND	40.74	0.00	3523.47
	08/25/03	3564.21	41.17	41.17	Sheen	3523.04

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2078

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/24/03	3564.21	41.60	41.61	0.01	3522.61
	10/14/03	3564.21	41.69	41.69	Sheen	3522.52
	10/21/03	3564.21	41.70	41.70	Sheen	3522.51
	11/11/03	3564.21	41.86	41.86	Sheen	3522.35
	11/21/03	3564.21	41.55	41.55	Sheen	3522.66
	12/31/03	3564.21	41.49	41.50	0.01	3522.72
MW - 6	05/01/02	3563.29	ND	39.34	0.00	3523.95
	05/02/02	3563.29	ND	39.34	0.00	3523.95
	09/17/02	3563.29	ND	39.79	0.00	3523.50
	11/19/02	3563.29	ND	39.94	0.00	3523.35
	02/17/03	3563.29	ND	39.81	0.00	3523.48
	05/19/03	3563.29	ND	39.83	0.00	3523.46
	08/25/03	3563.29	ND	40.26	0.00	3523.03
	11/21/03	3563.29	ND	40.53	0.00	3522.76

Note: ND denotes no product detected during well gauging activity.
Elevations based on the North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI2078

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	05/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	05/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	0.001	<0.001	<0.001	0.003	<0.001
	02/17/03	<0.001	<0.001	0.001	0.002	<0.001
	05/19/03	0.001	<0.001	0.002	0.005	<0.001
	08/25/03	0.003	<0.001	0.002	0.002	<0.001
	11/21/03	0.021	0.001	0.011	0.017	0.003
MW - 3	05/02/02	<0.001	0.002	<0.001	0.008	0.003
	09/17/02	0.002	0.001	0.001	0.003	0.001
	11/19/02	0.001	<0.001	<0.001	0.001	<0.001
	02/17/03	0.001	<0.001	<0.001	0.002	<0.001
	05/19/03	0.002	<0.001	<0.001	0.002	<0.001
	08/25/03	0.001	<0.001	<0.001	0.002	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 4	05/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	05/02/02	0.024	0.039	0.021	0.061	0.012
	09/17/02	0.005	0.002	0.003	0.006	0.001
	11/19/02	0.003	0.002	0.002	0.004	0.001
	02/17/03	0.002	<0.001	0.002	0.003	<0.001
	05/19/03	0.003	<0.001	0.003	0.005	0.001
	08/25/03	0.004	<0.001	<0.001	0.001	0.001
	11/21/03	0.009	<0.001	0.002	0.002	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
ETGI PROJECT #LI2078

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 6	05/02/02	0.002	<0.001	<0.001	<0.001	<0.001
	09/17/02	0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/25/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/21/03	<0.001	<0.001	<0.001	<0.002	<0.001
*EB - 1	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/19/02	<0.001	<0.001	<0.001	<0.001	<0.001

**EB = Equipment Blank*

APPENDICES

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 139980 **Report Date:** 03/05/03
Project ID: EO 2078
Sample Name: WEML621703MW-1
Sample Matrix: water
Date Received: 02/28/2003 **Time:** 14:30
Date Sampled: 02/17/2003 **Time:** 12:30

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	---		---		03/03/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/03/03	8260b	---	1.8	79.3	107.8	93.3
Ethylbenzene	<1	µg/L	1	<1	03/03/03	8260b	---	1.1	105.6	110.5	113.9
m,p-Xylenes	<1	µg/L	1	<1	03/03/03	8260b	---	2.7	104.6	108.2	114.8
o-Xylene	<1	µg/L	1	<1	03/03/03	8260b	---	6.2	102	98.3	108.8
Toluene	<1	µg/L	1	<1	03/03/03	8260b	---	19.8	97.2	93.3	113.4

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:** Camille Reynolds	**Project ID:** EO 2078 **Sample Name:** WEML621703MW-1	**Report#/Lab ID#:** 139980 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.6	80-120	---
Toluene-d8	8260b	108	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 139981 **Report Date:** 03/05/03
Project ID: EO 2078
Sample Name: WEML621703MW-2
Sample Matrix: water
Date Received: 02/28/2003 **Time:** 14:30
Date Sampled: 02/17/2003 **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	---		---		03/03/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/03/03	8260b	J	1.8	79.3	107.8	93.3
Ethylbenzene	**1**	µg/L	1	<1	03/03/03	8260b	---	7.2	109.6	99	98.9
m,p-Xylenes	**2.47**	µg/L	1	<1	03/03/03	8260b	---	3.7	103.6	92.9	95.7
o-Xylene	<1	µg/L	1	<1	03/03/03	8260b	---	9.6	109.7	96.4	100.8
Toluene	<1	µg/L	1	<1	03/03/03	8260b	---	3.5	101.8	104.3	110.3

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.

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 2078	**Report#/Lab ID#:** 139981
Attn: Camille Reynolds	**Sample Name:** WEML621703MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.9	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#: 139981 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078
Sample Name: WEML621703MW-2

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 139982 **Report Date:** 03/05/03
Project ID: EO 2078
Sample Name: WEML621703MW-3
Sample Matrix: water
Date Received: 02/28/2003 **Time:** 14:30
Date Sampled: 02/17/2003 **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	---		---		03/03/03	8260b	---	---	---	---	---
Benzene	**1.21**	µg/L	1	<1	03/03/03	8260b	---	1.8	79.3	107.8	93.3
Ethylbenzene	<1	µg/L	1	<1	03/03/03	8260b	J	1.1	105.6	110.5	113.9
m,p-Xylenes	**1.65**	µg/L	1	<1	03/03/03	8260b	---	2.7	104.6	108.2	114.8
o-Xylene	<1	µg/L	1	<1	03/03/03	8260b	---	6.2	102	98.3	108.8
Toluene	<1	µg/L	1	<1	03/03/03	8260b	---	19.8	97.2	93.3	113.4

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.

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:** Camille Reynolds	**Project ID:** EO 2078 **Sample Name:** WEML621703MW-3	**Report#/Lab ID#:** 139982 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.1	80-120	---
Toluene-d8	8260b	107	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 139982 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078
Sample Name: WEML621703MW-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
Ethylbenzene	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 139983 **Report Date:** 03/05/03
Project ID: EO 2078
Sample Name: WEML621703MW-4
Sample Matrix: water
Date Received: 02/28/2003 **Time:** 14:30
Date Sampled: 02/17/2003 **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	---		---		03/03/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/03/03	8260b	---	1.8	79.3	107.8	93.3
Ethylbenzene	<1	µg/L	1	<1	03/03/03	8260b	---	1.1	105.6	110.5	113.9
m,p-Xylenes	<1	µg/L	1	<1	03/03/03	8260b	---	2.7	104.6	108.2	114.8
o-Xylene	<1	µg/L	1	<1	03/03/03	8260b	---	6.2	102	98.3	108.8
Toluene	<1	µg/L	1	<1	03/03/03	8260b	---	19.8	97.2	93.3	113.4

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 recoverics 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	**Project ID:** EO 2078	**Report#/Lab ID#:** 139983
Attn: Camille Reynolds	**Sample Name:** WEML621703MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	108	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 139984 **Report Date:** 03/05/03
Project ID: EO 2078
Sample Name: WEML621703MW-5
Sample Matrix: water
Date Received: 02/28/2003 **Time:** 14:30
Date Sampled: 02/17/2003 **Time:** 14:30

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	---		---		03/03/03	8260b	---	---	---	---	---
Benzene	**2.22**	µg/L	1	<1	03/03/03	8260b	---	11.1	84.9	99.6	75.9
Ethylbenzene	**1.92**	µg/L	1	<1	03/03/03	8260b	---	7.2	109.6	99	98.9
m,p-Xylenes	**2.97**	µg/L	1	<1	03/03/03	8260b	---	3.7	103.6	92.9	95.7
o-Xylene	<1	µg/L	1	<1	03/03/03	8260b	J	9.6	109.7	96.4	100.8
Toluene	<1	µg/L	1	<1	03/03/03	8260b	J	3.5	101.8	104.3	110.3

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.

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:** Camille Reynolds	**Project ID:** EO 2078 **Sample Name:** WEML621703MW-5	**Report#/Lab ID#:** 139984 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.7	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 139984 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078
Sample Name: *WEML621703MW-5*

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
o-Xylene	J	See J-flag discussion above.
Toluene	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 139985 **Report Date:** 03/05/03
Project ID: EO 2078
Sample Name: WEML621703MW-6
Sample Matrix: water
Date Received: 02/28/2003 **Time:** 14:30
Date Sampled: 02/17/2003 **Time:** 15:00

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	---		---		03/03/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/03/03	8260b	---	11.1	84.9	99.6	75.9
Ethylbenzene	<1	µg/L	1	<1	03/03/03	8260b	---	7.2	109.6	99	98.9
m,p-Xylenes	<1	µg/L	1	<1	03/03/03	8260b	---	3.7	103.6	92.9	95.7
o-Xylene	<1	µg/L	1	<1	03/03/03	8260b	---	9.6	109.7	96.4	100.8
Toluene	<1	µg/L	1	<1	03/03/03	8260b	---	3.5	101.8	104.3	110.3

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.

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 2078	**Report#/Lab ID#:** 139985
Attn: Camille Reynolds	**Sample Name:** WEML621703MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	101	88-110	---

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

CHAIN-OF-CUSTODY

5351

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: Camille Reynolds
Phone 505-397-4882 Fax 505-397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 60 2078 Sampler:

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
WEML621703MW-1	2-17-03	12:30	2		X		139980	X	
WEML621703MW-2	2-17-03	1:00	2		X		139981	X	
WEML621703MW-3	2-17-03	1:30	2		X		139982	X	
WEML621703MW-4	2-17-03	2:00	2		X		139983	X	
WEML621703MW-5	2-17-03	2:30	2		X		139984	X	
WEML621703MW-6	2-17-03	3:00	2		X		139985	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 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 + ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T = 5.6°c

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
	ETGI	2-17-03		Melanie Humphrey	ASI	2/28/03	14:30

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

FILE

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 142964 **Report Date:** 05/30/03
Project ID: EO 2078
Sample Name: MW-1
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:55
Date Sampled: 05/19/2003 **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	---		---		05/28/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/28/03	8260b	---	3.6	89.9	94.2	89.4
Ethylbenzene	<1	µg/L	1	<1	05/28/03	8260b	---	4.1	99.4	103.1	94.8
m,p-Xylenes	<1	µg/L	1	<1	05/28/03	8260b	---	3.7	102.9	105.6	97.5
o-Xylene	<1	µg/L	1	<1	05/28/03	8260b	---	2.4	101.7	102.7	99
Toluene	<1	µg/L	1	<1	05/28/03	8260b	---	2.4	92.2	93.1	94.8

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.

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 2078	**Report#/Lab ID#:** 142964
Attn: Camille Reynolds	**Sample Name:** MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 142965 **Report Date:** 05/30/03
Project ID: EO 2078
Sample Name: MW-2
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:55
Date Sampled: 05/19/2003 **Time:** 14:30

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	---		---		05/28/03	8260b	---	---	---	---	---
Benzene	1.44	µg/L	1	<1	05/28/03	8260b	---	3.6	89.9	94.2	89.4
Ethylbenzene	1.52	µg/L	1	<1	05/28/03	8260b	---	4.1	99.4	103.1	94.8
m,p-Xylenes	4.7	µg/L	1	<1	05/28/03	8260b	---	3.7	102.9	105.6	97.5
o-Xylene	<1	µg/L	1	<1	05/28/03	8260b	J	2.4	101.7	102.7	99
Toluene	<1	µg/L	1	<1	05/28/03	8260b	---	2.4	92.2	93.1	94.8

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

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 2078	**Report#/Lab ID#:** 142965
Attn: Camille Reynolds	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93	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#: 142965 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078
Sample Name: MW-2

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
o-Xylene	J	See J-flag discussion above.

Notes:

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 142966 **Report Date:** 05/30/03
Project ID: EO 2078
Sample Name: MW-3
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:55
Date Sampled: 05/19/2003 **Time:** 15:00

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	---		---		05/29/03	8260b	---	---	---	---	---
Benzene	1.74	µg/L	1	<1	05/29/03	8260b	---	3.6	89.9	94.2	89.4
Ethylbenzene	<1	µg/L	1	<1	05/29/03	8260b	J	4.1	99.4	103.1	94.8
m,p-Xylenes	2.02	µg/L	1	<1	05/29/03	8260b	---	3.7	102.9	105.6	97.5
o-Xylene	<1	µg/L	1	<1	05/29/03	8260b	J	2.4	101.7	102.7	99
Toluene	<1	µg/L	1	<1	05/29/03	8260b	---	2.4	92.2	93.1	94.8

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

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 2078	**Report#/Lab ID#:** 142966
Attn: Camille Reynolds	**Sample Name:** MW-3	**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	107	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 142966 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078
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
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes:

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 142967 **Report Date:** 05/30/03
Project ID: EO 2078
Sample Name: MW-4
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:55
Date Sampled: 05/19/2003 **Time:** 15:30

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	---		---		05/29/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/29/03	8260b	---	3.6	89.9	94.2	89.4
Ethylbenzene	<1	µg/L	1	<1	05/29/03	8260b	---	4.1	99.4	103.1	94.8
m,p-Xylenes	<1	µg/L	1	<1	05/29/03	8260b	---	3.7	102.9	105.6	97.5
o-Xylene	<1	µg/L	1	<1	05/29/03	8260b	---	2.4	101.7	102.7	99
Toluene	<1	µg/L	1	<1	05/29/03	8260b	---	2.4	92.2	93.1	94.8

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.

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:** Camille Reynolds	**Project ID:** EO 2078 **Sample Name:** MW-4	**Report#/Lab ID#:** 142967 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.1	80-120	---
Toluene-d8	8260b	106	88-110	---

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

AnalySys

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 142968 **Report Date:** 05/30/03
Project ID: EO 2078
Sample Name: MW-5
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:55
Date Sampled: 05/19/2003 **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	---		---		05/28/03	8260b	---	---	---	---	---
Benzene	2.65	µg/L	1	<1	05/28/03	8260b	---	3.6	89.9	94.2	89.4
Ethylbenzene	2.53	µg/L	1	<1	05/28/03	8260b	---	4.1	99.4	103.1	94.8
m,p-Xylenes	5.19	µg/L	1	<1	05/28/03	8260b	---	3.7	102.9	105.6	97.5
o-Xylene	1.29	µg/L	1	<1	05/28/03	8260b	---	2.4	101.7	102.7	99
Toluene	<1	µg/L	1	<1	05/28/03	8260b	---	2.4	92.2	93.1	94.8

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:** Camille Reynolds	**Project ID:** EO 2078 **Sample Name:** MW-5	**Report#/Lab ID#:** 142968 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.5	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 142969 **Report Date:** 05/30/03
Project ID: EO 2078
Sample Name: MW-6
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:55
Date Sampled: 05/19/2003 **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	---		---		05/28/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/28/03	8260b	---	3.6	89.9	94.2	89.4
Ethylbenzene	<1	µg/L	1	<1	05/28/03	8260b	---	4.1	99.4	103.1	94.8
m,p-Xylenes	<1	µg/L	1	<1	05/28/03	8260b	---	3.7	102.9	105.6	97.5
o-Xylene	<1	µg/L	1	<1	05/28/03	8260b	---	2.4	101.7	102.7	99
Toluene	<1	µg/L	1	<1	05/28/03	8260b	---	2.4	92.2	93.1	94.8

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

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 2078	**Report#/Lab ID#:** 142969
Attn: Camille Reynolds	**Sample Name:** MW-6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	106	88-110	---

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

CHAIN-OF-CUSTODY

WWW.ANALYSYSINC.COM

6129

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 78744
Phone: (512) 385-5886 Fax: (512) 385-7411
2209 N.P.I.D., Ste K, Corpus Christi, TX 78408
Phone: (361) 289-6384 Fax: (361) 289-0875

Send Report To:
Company Name: Environmental Technology Group Inc.
Address: 3540 W. Marland
City: Hobbs State: N.M. Zip: 88240
ATTN: Camille Reynolds
Phone: (505) 397-4882 Fax: (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EO 2078 Sampler: Justin Frisk

Analyses Requested (1)
Please attach explanatory information as require

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	5-19-03	2:00	2		X		142964	X	
MW-2	5-19-03	2:30	2		X		142965	X	
MW-3	5-19-03	3:00	2		X		142966	X	
MW-4	5-19-03	3:30	2		X		142967	X	
MW-5	5-19-03	4:00	2		X		142968	X	
MW-6	5-19-03	4:30	2		X		142969	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 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 o ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T= 4.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
	ETGI	5-19-03		E. Hess	ASI	5-21-03	09:55

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

FILE

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 146601 **Report Date:** 09/03/03
Project ID: EO 2078 Lea Station to Mon.6
Sample Name: MW-1
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/25/2003 **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	---		---		09/02/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/02/03	8260b	---	2.3	91.9	89.5	90.7
Ethylbenzene	<1	µg/L	1	<1	09/02/03	8260b	---	2	108	108.4	103.5
m,p-Xylenes	<1	µg/L	1	<1	09/02/03	8260b	---	0.8	108.6	108	105.1
o-Xylene	<1	µg/L	1	<1	09/02/03	8260b	---	1.4	107.8	105.2	103.8
Toluene	<1	µg/L	1	<1	09/02/03	8260b	---	4.4	106.8	104.3	102.2

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.

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:** Camille Reynolds	**Project ID:** EO 2078 Lea Station to Mon.6 **Sample Name:** MW-1	**Report#/Lab ID#:** 146601 **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	102	88-110	---

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

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 146602 **Report Date:** 09/03/03
Project ID: EO 2078 Lea Station to Mon. 6
Sample Name: MW-2
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/25/2003 **Time:** 14:30

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	---		---		09/02/03	8260b	---	---	---	---	---
Benzene	3.21	µg/L	1	<1	09/02/03	8260b	---	2.3	91.9	89.5	90.7
Ethylbenzene	2.15	µg/L	1	<1	09/02/03	8260b	---	2	108	108.4	103.5
m,p-Xylenes	2.17	µg/L	1	<1	09/02/03	8260b	---	0.8	108.6	108	105.1
o-Xylene	<1	µg/L	1	<1	09/02/03	8260b	---	1.4	107.8	105.2	103.8
Toluene	<1	µg/L	1	<1	09/02/03	8260b	---	4.4	106.8	104.3	102.2

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.

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:** Camille Reynolds	**Project ID:** EO 2078 Lea Station to Mon. 6 **Sample Name:** MW-2	**Report#/Lab ID#:** 146602 **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.

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 146603 **Report Date:** 09/03/03
Project ID: EO 2078 Lea Station to Mon.6
Sample Name: MW-3
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/25/2003 **Time:** 15:00

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	---		---		09/02/03	8260b	---	---	---	---	---
Benzene	1.13	µg/L	1	<1	09/02/03	8260b	---	2.3	91.9	89.5	90.7
Ethylbenzene	<1	µg/L	1	<1	09/02/03	8260b	J	2	108	108.4	103.5
m,p-Xylenes	1.83	µg/L	1	<1	09/02/03	8260b	---	0.8	108.6	108	105.1
o-Xylene	<1	µg/L	1	<1	09/02/03	8260b	J	1.4	107.8	105.2	103.8
Toluene	<1	µg/L	1	<1	09/02/03	8260b	---	4.4	106.8	104.3	102.2

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.

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:** Camille Reynolds	**Project ID:** EO 2078 Lea Station to Mon.6 **Sample Name:** MW-3	**Report#/Lab ID#:** 146603 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.4	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#: 146603 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078 Lea Station to Mon.6
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
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 146604 **Report Date:** 09/03/03
Project ID: EO 2078 Lea Station to Mon. 6
Sample Name: MW-4
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/25/2003 **Time:** 15:30

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	---		---		09/02/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/02/03	8260b	---	2.3	91.9	89.5	90.7
Ethylbenzene	<1	µg/L	1	<1	09/02/03	8260b	---	2	108	108.4	103.5
m,p-Xylenes	<1	µg/L	1	<1	09/02/03	8260b	---	0.8	108.6	108	105.1
o-Xylene	<1	µg/L	1	<1	09/02/03	8260b	---	1.4	107.8	105.2	103.8
Toluene	<1	µg/L	1	<1	09/02/03	8260b	---	4.4	106.8	104.3	102.2

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.

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:** Camille Reynolds	**Project ID:** EO 2078 Lea Station to Mon. 6 **Sample Name:** MW-4	**Report#/Lab ID#:** 146604 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.1	80-120	---
Toluene-d8	8260b	103	88-110	---

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

ANALYSYS

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 146605 **Report Date:** 09/03/03
Project ID: EO 2078 Lea Station to Mon.6
Sample Name: MW-5
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/25/2003 **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	---		---		09/02/03	8260b	---	---	---	---	---
Benzene	4.39	µg/L	1	<1	09/02/03	8260b	---	2.3	91.9	89.5	90.7
Ethylbenzene	<1	µg/L	1	<1	09/02/03	8260b	J	2	108	108.4	103.5
m,p-Xylenes	1.21	µg/L	1	<1	09/02/03	8260b	---	0.8	108.6	108	105.1
o-Xylene	<1	µg/L	1	<1	09/02/03	8260b	---	1.4	107.8	105.2	103.8
Toluene	<1	µg/L	1	<1	09/02/03	8260b	---	4.4	106.8	104.3	102.2

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.

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:** Camille Reynolds	**Project ID:** EO 2078 Lea Station to Mon.6 **Sample Name:** MW-5	**Report#/Lab ID#:** 146605 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.1	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 146605 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078 Lea Station to Mon.6
Sample Name: MW-5

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
Ethylbenzene	J	*See J-flag discussion above.*

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 146606 **Report Date:** 09/03/03
Project ID: EO 2078 Lea Station to Mon.6
Sample Name: MW-6
Sample Matrix: water
Date Received: 08/26/2003 **Time:** 12:00
Date Sampled: 08/25/2003 **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	---		---		09/02/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/02/03	8260b	---	2.3	91.9	89.5	90.7
Ethylbenzene	<1	µg/L	1	<1	09/02/03	8260b	---	2	108	108.4	103.5
m,p-Xylenes	<1	µg/L	1	<1	09/02/03	8260b	---	0.8	108.6	108	105.1
o-Xylene	<1	µg/L	1	<1	09/02/03	8260b	---	1.4	107.8	105.2	103.8
Toluene	<1	µg/L	1	<1	09/02/03	8260b	---	4.4	106.8	104.3	102.2

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

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:** Camille Reynolds	***Project ID:*** EO 2078 Lea Station to Mon.6 **Sample Name:** MW-6	**Report#/Lab ID#:** 146606 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.6	80-120	---
Toluene-d8	8260b	102	88-110	---

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

CHAIN-OF-CUSTODY

WWW.ANALYSYSINC.COM

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 Reports To:
Company Name Environmental Technology Group Inc.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Camille Reynolds
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#: EOTT 2078 Lea Station West 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 8021B								Comments
MW-1	8-25-03	2:00	2		X		146601	X								
MW-2	8-25-03	2:30	2		X		146602	X								
MW-3	8-25-03	3:00	2		X		146603	X								
MW-4	8-25-03	3:30	2		X		146604	X								
MW-5	8-25-03	4:00	2		X		146605	X								
MW-6	8-25-03	4:30	2		X		146606	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	8-25-03		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.]

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150079 **Report Date:** 12/09/03
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-1
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 17:00
Date Sampled: 11/21/2003 **Time:** 11:00

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	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1

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:** Camille Reynolds	**Project ID:** EO 2078 Lea 6" to Mon. **Sample Name:** MW-1	**Report#/Lab ID#:** 150079 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.8	80-120	---
Toluene-d8	8260b	100	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150080 **Report Date:** 12/08/03
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-2
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 17:00
Date Sampled: 11/21/2003 **Time:** 11:45

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	---		---		12/04/03	8260b(5030/5035)	---	---	---	---	---
Benzene	21.4	µg/L	1	<1	12/04/03	8260b	---	5	100.4	99.4	95.6
Ethylbenzene	10.9	µg/L	1	<1	12/04/03	8260b	---	5.1	112.5	112.7	108.9
m,p-Xylenes	16.5	µg/L	2	<2	12/04/03	8260b	---	5.5	106.7	105.3	101.4
o-Xylene	2.65	µg/L	1	<1	12/04/03	8260b	---	5.7	110.4	118.8	116
Toluene	1.37	µg/L	1	<1	12/04/03	8260b	---	2.5	103.3	102.2	101.2

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 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:** Camille Reynolds	**Project ID:** EO 2078 Lea 6" to Mon. **Sample Name:** MW-2	**Report#/Lab ID#:** 150080 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	105	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150081 **Report Date:** 12/08/03
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-3
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 17:00
Date Sampled: 11/21/2003 **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	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	J	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1

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 2078 Lea 6" to Mon.	**Report#/Lab ID#:** 150081
Attn: Camille Reynolds	**Sample Name:** MW-3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.3	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#: 150081 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078 Lea 6" to Mon.
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:

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150082 **Report Date:** 12/08/03
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-4
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 17:00
Date Sampled: 11/21/2003 **Time:** 11:15

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	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1

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:** Camille Reynolds	**Project ID:** EO 2078 Lea 6" to Mon. **Sample Name:** MW-4	**Report#/Lab ID#:** 150082 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150083 **Report Date:** 12/08/03
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-5
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 17:00
Date Sampled: 11/21/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

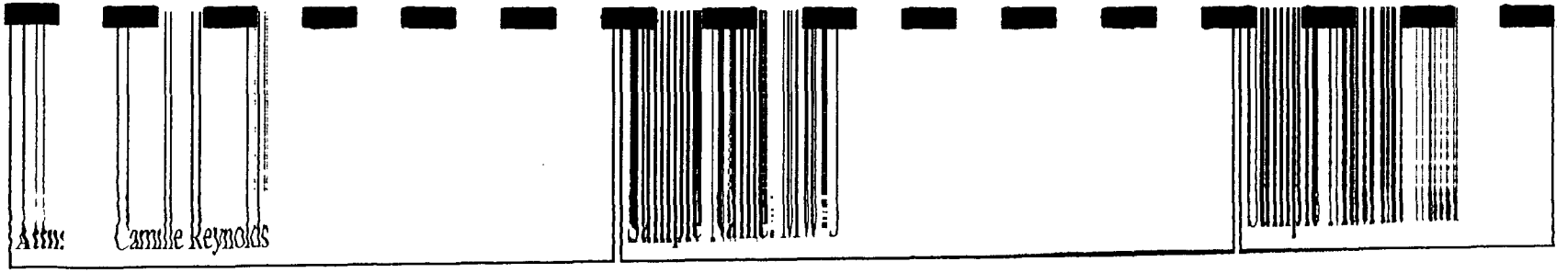
Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	9.22	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	2.42	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	2.48	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1

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.



REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150084 **Report Date:** 12/08/03
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-6
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 17:00
Date Sampled: 11/21/2003 **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	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	J	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1

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:** Camille Reynolds	**Project ID:** EO 2078 Lea 6" to Mon. **Sample Name:** MW-6	**Report#/Lab ID#:** 150084 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.7	80-120	---
Toluene-d8	8260b	107	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 150084 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: EO 2078 Lea 6" to Mon.
Sample Name: MW-6

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:

7961

CHAIN-OF-CUSTODY

www.analysysinc.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) 289-6384 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: Camille Reynolds
Phone: (505) 397-4882 Fax: (505) 397-4704
Project Name/PO#: EO 2078 Lea 6" to Mon. Sampler: Ross Cathcart

Bill To (if different):
Company Name: Link
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	11-21-03	11:00	2			150079	X		X					X					X										
mw-2	11-21-03	11:45	2			150080	X		X					X					X										
mw-3	11-21-03	10:45	2			150081	X		X					X					X										
mw-4	11-21-03	11:15	2			150082	X		X					X					X										
mw-5	11-21-03	12:00	2			150083	X		X					X					X										
mw-6	11-21-03	11:30	2			150084	X		X					X					X										

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

Temperature upon receipt (Consistant with NELAC sec. 5.11) (>0-6°C): YES / NO

(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.

Sample Relinquished By: Name	Affiliation	Date	Time	Sample Received By: Name	Affiliation	Date	Time
	ETGI	11-24-03		E. Hall	ASI	11/24/03	17:00

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