

**1R -** 388

# **REPORTS**

**DATE:**

2004

## **ANNUAL MONITORING REPORT**

**MONUMENT BARBER 10-INCH SOUR**  
**SW ¼ SW ¼ SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST**  
**LEA COUNTY, NEW MEXICO**  
**LINK ENERGY LEAK NUMBER: 2000-10655**  
**ETGI PROJECT NUMBER: LI 2069**

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**

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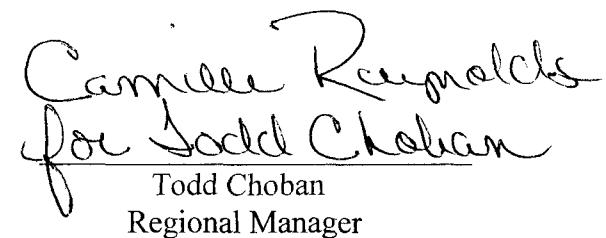
**PREPARED BY:**

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



Robert B. Eidson  
Geologist / Senior Project Manager

**April 2004**



Camille Reynolds  
for Todd Choban

Todd Choban  
Regional Manager

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## **INTRODUCTION**

Environmental Technology Group, Inc. (ETGI), on behalf of Link Energy (Link), has prepared this annual report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an annual report by April 1 of each year. This report is intended to be viewed as 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 three quarterly events in calendar year 2003 to assess the levels and extent of dissolved phase and Phase-Separated Hydrocarbon (PSH) constituents. The groundwater monitoring events consisted of measuring static water levels in the monitoring 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 and recovery wells were gauged and sampled on June 18, September 11 and December 4, 2003. A monitoring event was attempted on March 5, 2003, but was terminated when agents of the landowner denied ETGI groundwater monitoring technician's access to the property. During each sampling event the monitoring 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 stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Vista Trucking, Eunice, New Mexico from June to August and by Lobo Trucking, Hobbs, New Mexico from September to December utilizing a licensed disposal facility (OCD AO SWD-730).

## **GROUNDWATER GRADIENT**

Locations of the monitor wells, recovery wells and the inferred groundwater gradient, constructed from measurements collected during quarterly sampling events are depicted on Figures 2A-2C, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from water level measurements acquired during quarterly sampling events of 2003, indicated a general gradient of approximately 0.002 ft/ft to 0.003 ft/ft to the south southeast as measured between groundwater monitor wells MW-3 and MW-2. The depth to groundwater as measured from the top of the well casing ranged between 28.92 to 30.58 feet for the shallow alluvial aquifer.

Measurable thicknesses of PSH were detected in monitor well MW-3 and recovery well RW-2 during the 2003 annual monitoring period. Maximum thicknesses of 0.14 foot and 0.38 foot respectively, were measured and are indicated on Table 1. Due to site access restrictions, ETGI has been unable to conduct regularly scheduled PSH recovery activities. Site access has been limited to conducting quarterly groundwater monitoring events. No PSH was recovered from the

site during the 2003 reporting period. As indicated on Figures 3A-3C, there is an Equilon Pipeline Company release site approximately 150 feet upgradient of this site. ETGI has documented the presence of PSH in this area with gauging data from monitor well MW-3. The NMOCD has been notified of this off-site, upgradient source area by contact through both ETGI and Link representatives.

## LABORATORY RESULTS

Groundwater samples collected during the 2003 monitoring events were delivered to AnalySys, Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8021b. 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 total BTEX concentrations are indicated on Figures 3A-3C, the Groundwater Concentration Maps.

Review of the laboratory analytical results generated from analysis of groundwater samples obtained during the 2003 monitoring period indicate that the benzene and total BTEX concentrations are below applicable NMOCD regulatory standards for monitor wells MW-1, MW-2, MW-4 and recovery well RW-1. However, measurable amounts of PSH were detected in monitor well MW-3 and recovery well RW-2 during the 2003 monitoring period.

## SUMMARY

This report presents the results of groundwater monitoring activities for the 2003 annual monitoring period. A measurable thickness of PSH was detected in monitoring well MW-3 and recovery well RW-2 during the 2003 annual monitoring period. Maximum thicknesses of 0.14 foot and 0.38 foot respectively, were measured and are indicated on Table 1. Due to landowner site access restrictions, ETGI has been unable to conduct regularly scheduled PSH recovery activities. Site access has been limited to conducting quarterly groundwater monitoring events. During the 2003 reporting period, no PSH was recovered from the aforementioned monitor and recovery wells due to the referenced site access restrictions imposed by agents of the landowner.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2003, indicated a general gradient of approximately 0.002 ft/ft to 0.003 ft/ft to the south southeast as measured between groundwater monitor wells MW-3 and MW-2.

As indicated on Figures 3A-3C, there is an Equilon Pipeline Company release site approximately 150 feet upgradient of this site. ETGI has documented the presence of PSH in this area with gauging data from monitor well MW-3. The NMOCD has been notified of this off-site, upgradient source area by contact through both ETGI and Link representatives.

Review of the laboratory analytical results generated from analysis of groundwater samples obtained during the 2003 monitoring period indicate that the benzene and total BTEX concentrations are below applicable NMOCD regulatory standards for monitor wells MW-1,

MW-2, MW-4 and recovery well RW-1. However, measurable amounts of PSH were detected in monitor well MW-3 and recovery well RW-2 during the 2003 monitoring period.

## **DISTRIBUTION**

Copy 1 & 2: William C. Olson and Ed Martin  
New Mexico Oil Conservation Division  
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 W. Sam Houston Parkway  
Suite 400  
Houston, Texas 77042

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

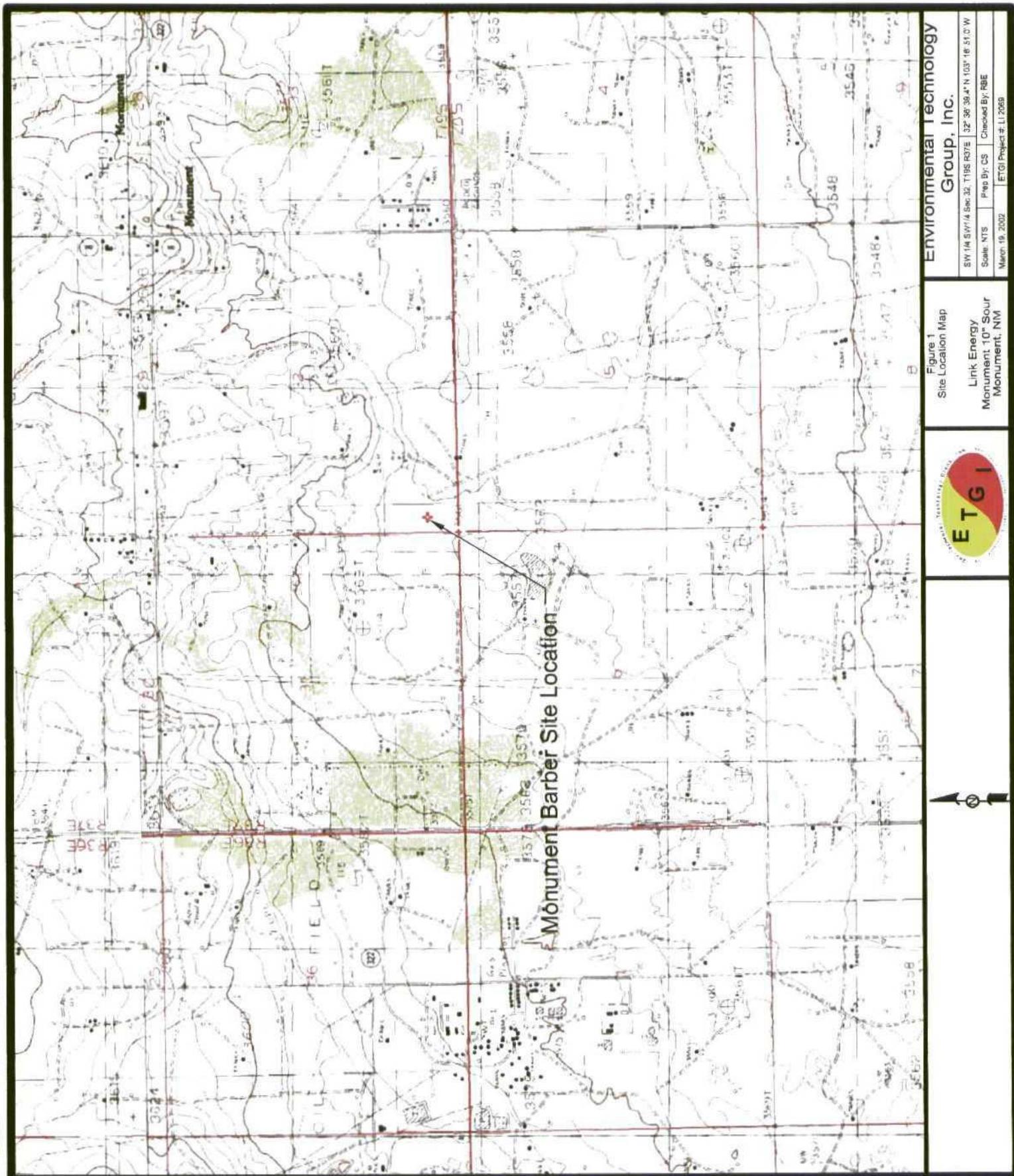
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4600 West Wall Street  
Midland, Texas 79703

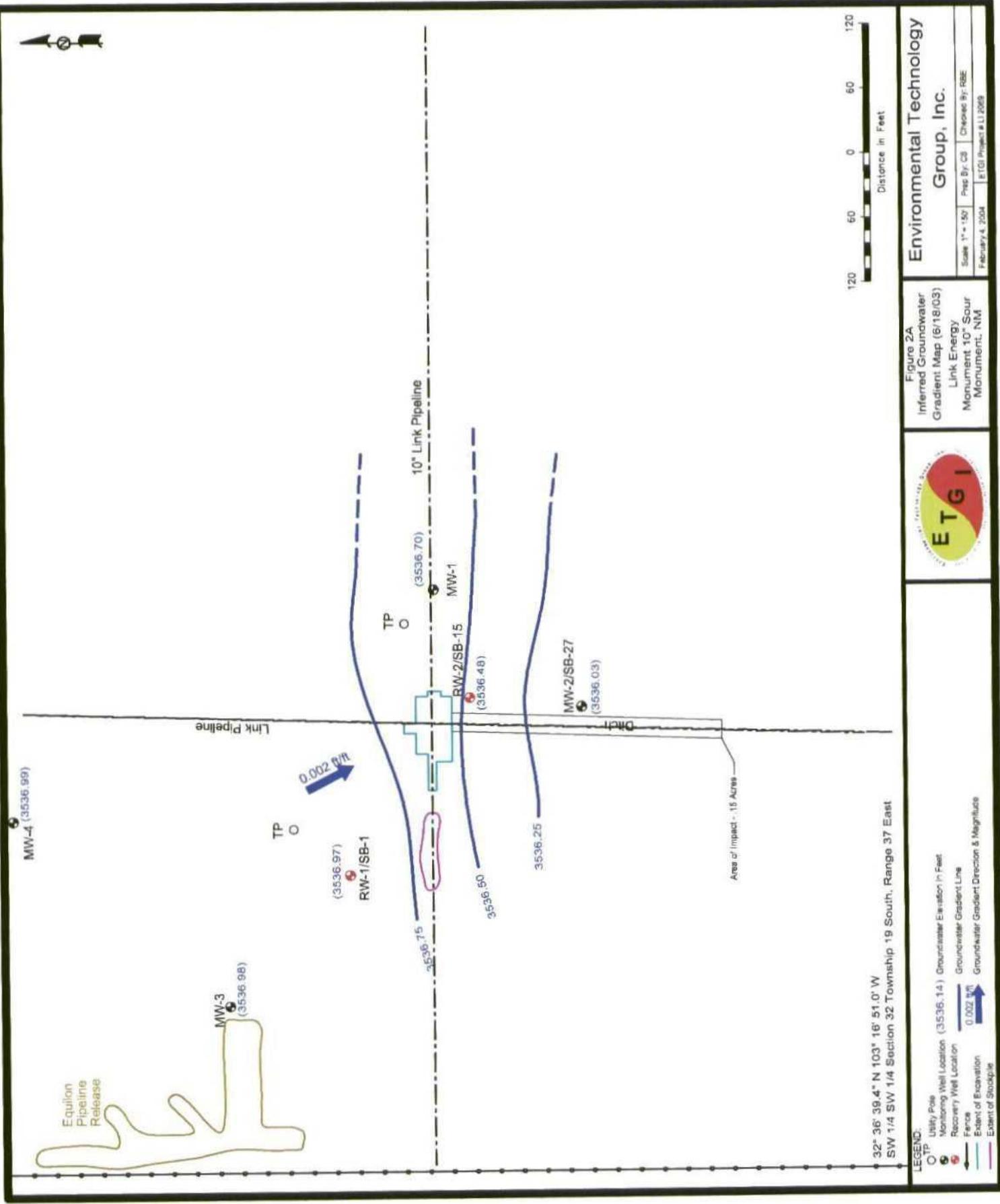
Copy 7: Environmental Technology Group, Inc.  
2540 West Marland  
Hobbs, New Mexico 88240

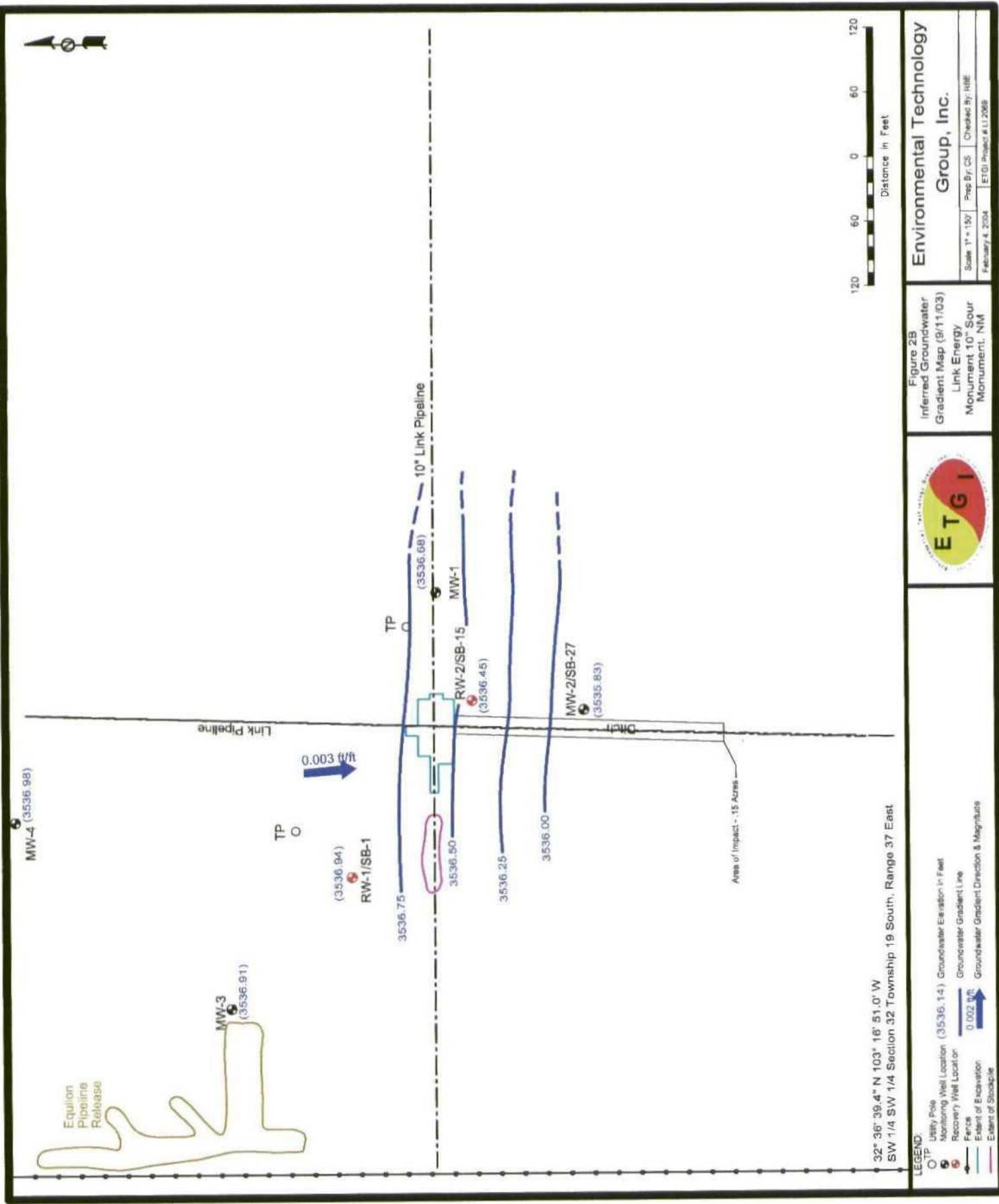
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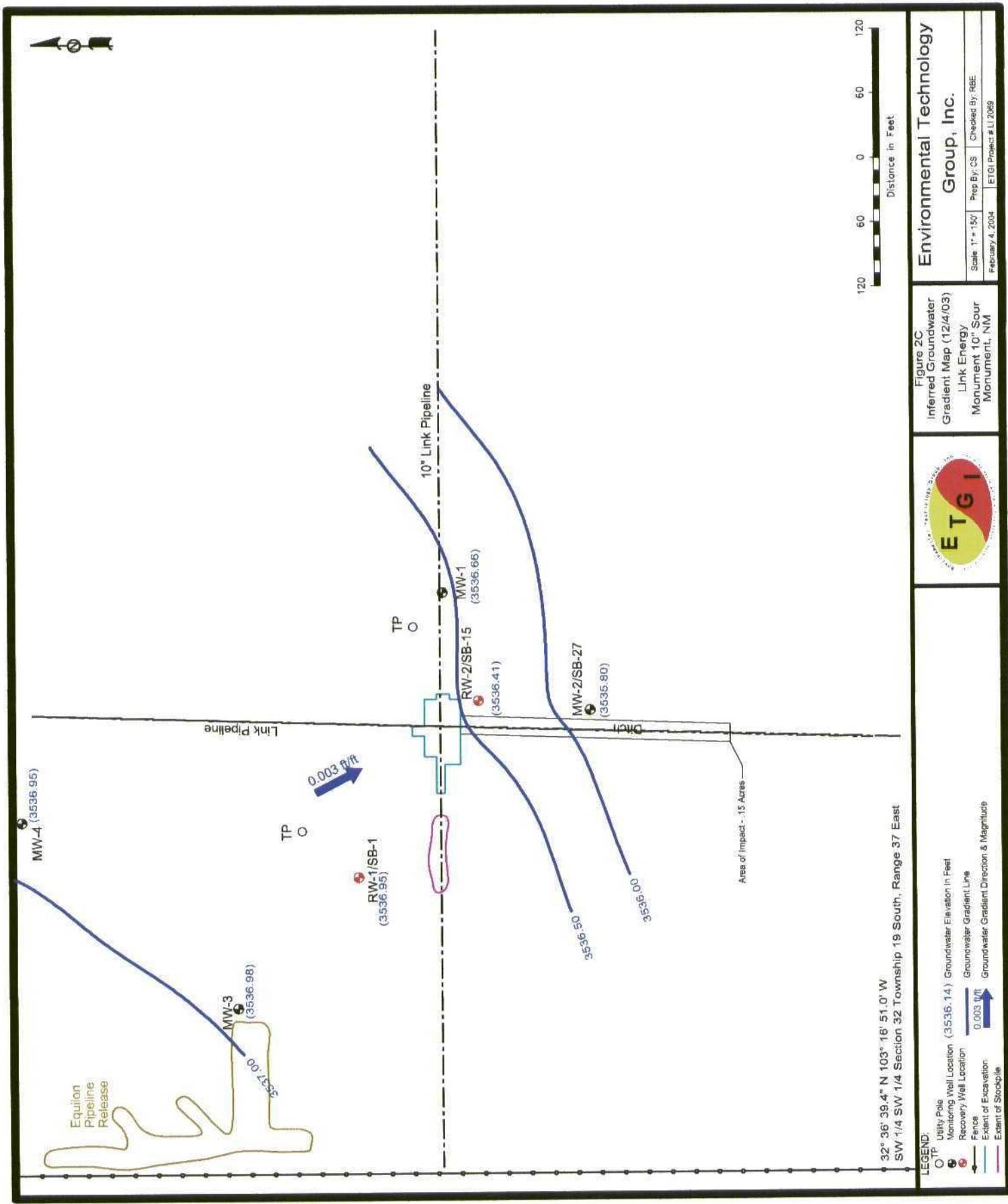
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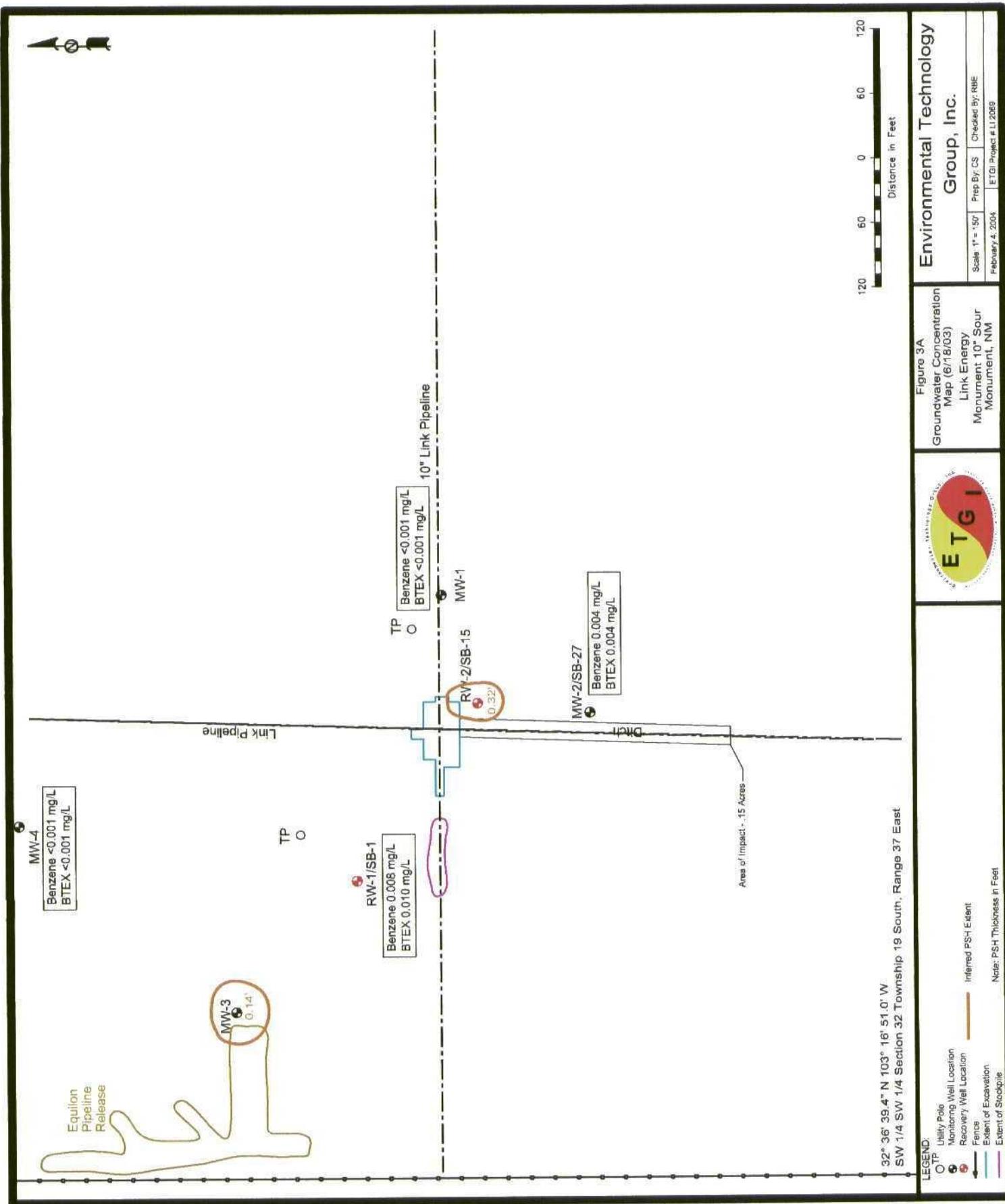
## **FIGURES**

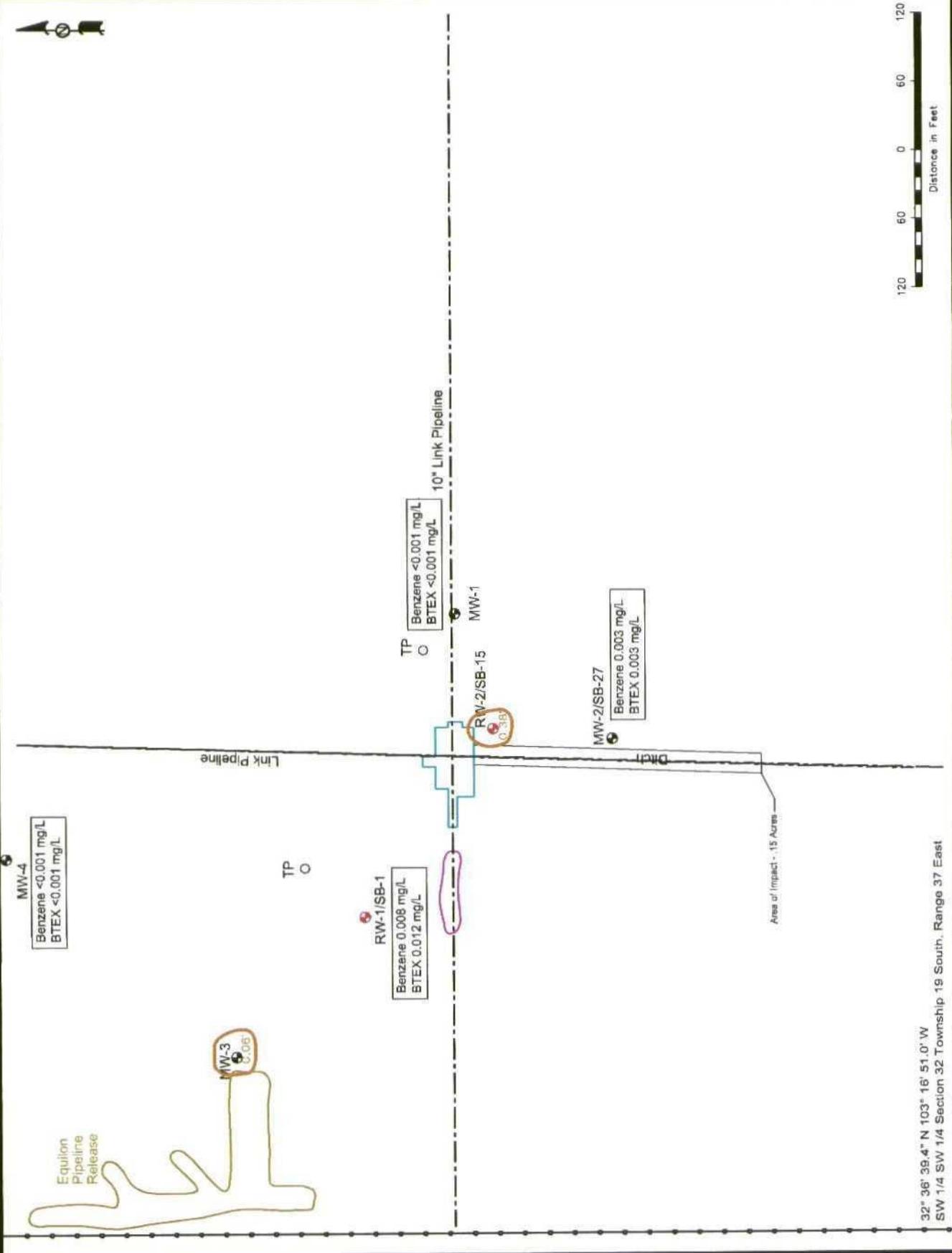












32° 36' 39.4" N 103° 16' 51.0" W  
SW 1/4 SW 1/4 Section 32 Township 19 South, Range 37 East

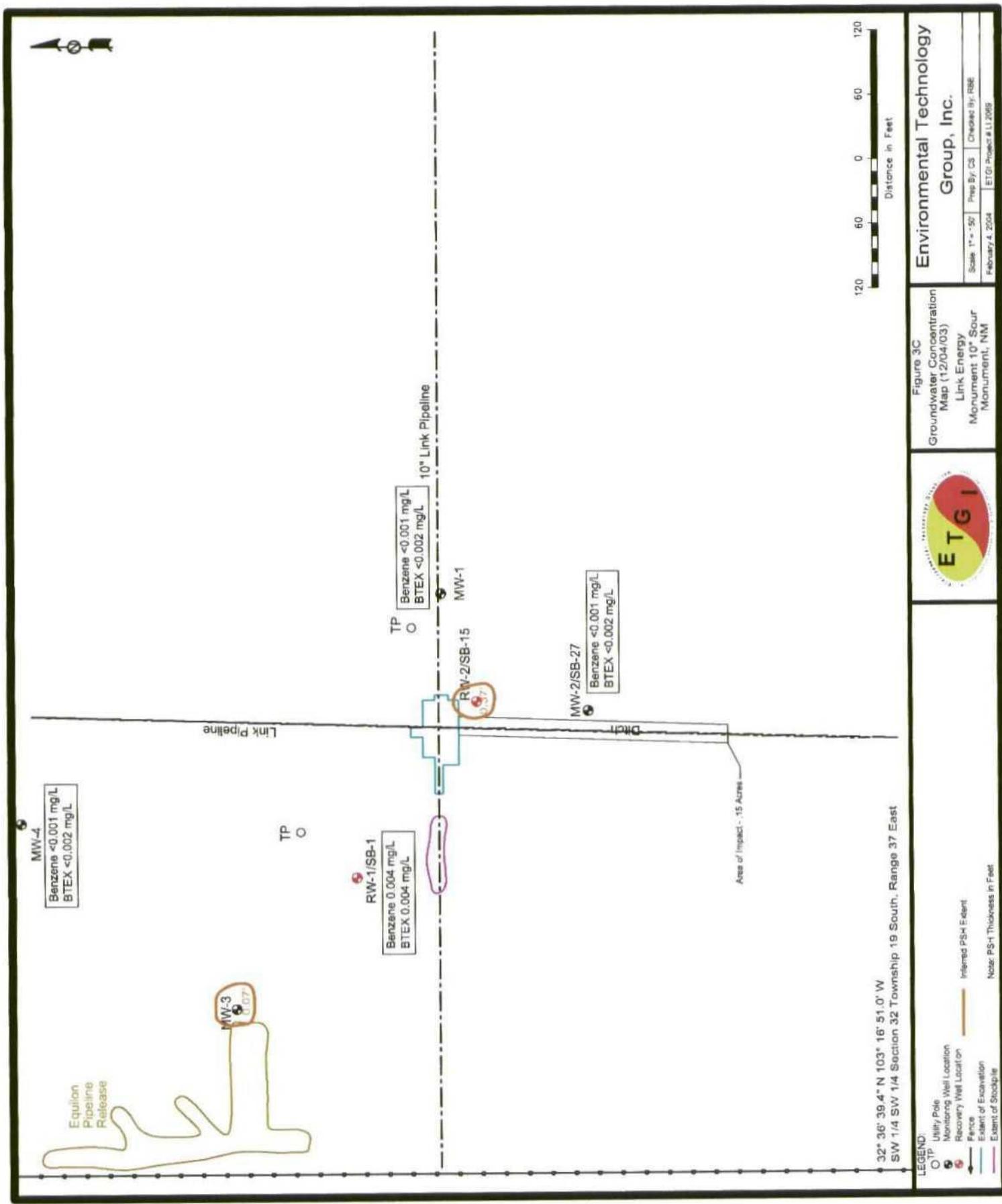
Figure 3B	Groundwater Concentration Map (9/11/03)	Environmental Technology Group, Inc.
Scale 1" = 150'	Link Energy	Prepared By: CS
February 4, 2004	Monument 10° Sour	Checked By: RBE
	Monument, NM	ETGI Project # L1 2089



Figure 3B  
Groundwater Concentration Map (9/11/03)  
Link Energy  
Monument 10° Sour  
Monument, NM

Scale 1" = 150'  
February 4, 2004  
ETGI Project # L1 2089

LEGEND:  
 ○ Utility Pole  
 ● Monitoring Well Location  
 ● Recovery Well Location  
 — Inferred PSH Extent  
 — Fence  
 — Extent of Excavation  
 — Extent of Soil Sample  
 — Note: PSH Thickness in Feet



## **TABLES**

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**

**LINK ENERGY  
 MONUMENT BARBER ESTATE 10" SOUR  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #LI2069**

<b>WELL NUMBER</b>	<b>DATE MEASURED</b>	<b>TOP OF CASING ELEVATION</b>	<b>DEPTH TO PRODUCT</b>	<b>DEPTH TO WATER</b>	<b>PSH THICKNESS</b>	<b>CORRECTED GROUND WATER ELEVATION</b>
MW - 1	03/16/01	3,565.64	ND	28.85	0.00	3,536.79
	06/04/01	3,565.64	ND	28.88	0.00	3,536.76
	09/27/01	3,565.64	ND	28.92	0.00	3,536.72
	03/27/02	3,565.64	ND	28.88	0.00	3,536.76
	06/25/02	3,565.64	ND	28.93	0.00	3,536.71
	09/24/02	3,565.64	ND	28.92	0.00	3,536.72
	12/19/02	3,565.64	ND	28.92	0.00	3,536.72
	03/05/03	3,565.64	ND	28.92	0.00	3,536.72
	06/18/03	3,565.64	ND	28.94	0.00	3,536.70
	09/11/03	3,565.64	ND	28.96	0.00	3,536.68
	12/04/03	3,565.64	ND	28.98	0.00	3,536.66
	MW - 2	3,565.58	ND	29.39	0.00	3,536.19
MW - 2	06/04/01	3,565.58	ND	29.38	0.00	3,536.20
	09/27/01	3,565.58	ND	29.55	0.00	3,536.03
	03/27/02	3,565.58	ND	29.59	0.00	3,535.99
	06/25/02	3,565.58	ND	29.58	0.00	3,536.00
	09/24/02	3,565.58	ND	29.51	0.00	3,536.07
	12/19/02	3,565.58	ND	29.44	0.00	3,536.14
	03/05/03	3,565.58	ND	29.47	0.00	3,536.11
	06/18/03	3,565.58	ND	29.55	0.00	3,536.03
	09/11/03	3,565.58	ND	29.75	0.00	3,535.83
	12/04/03	3,565.58	ND	29.78	0.00	3,535.80
MW - 3	03/16/01	3,567.44	30.40	30.42	0.02	3,537.04
	06/04/01	3,567.44	30.42	30.50	0.08	3,537.01
	09/27/01	3,567.44	30.45	30.46	0.01	3,536.99
	03/27/02	3,567.44	30.46	30.60	0.14	3,536.96
	06/25/02	3,567.44	30.45	30.45	0.00	3,536.99
	09/24/02	3,567.44	30.46	30.46	0.00	3,536.98
	10/22/02	3,567.44	30.51	30.51	0.00	3,536.93
	12/19/02	3,567.44	30.45	30.47	0.02	3,536.99
	01/07/03	3,567.44	30.46	30.46	0.00	3,536.98
	03/05/03	3,567.44	NM	NM	NM	NM
	06/18/03	3,567.44	30.44	30.58	0.14	3,536.98

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**

**LINK ENERGY  
 MONUMENT BARBER ESTATE 10" SOUR  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #LI2069**

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	09/11/03	3,567.44	30.52	30.58	0.06	3,536.91
	12/04/03	3,567.44	30.45	30.52	0.07	3,536.98
MW - 4	03/16/01	3,567.27	ND	30.20	0.00	3,537.07
	06/04/01	3,567.27	ND	30.20	0.00	3,537.07
	09/27/01	3,567.27	ND	30.24	0.00	3,537.03
	03/27/02	3,567.27	ND	30.24	0.00	3,537.03
	06/25/02	3,567.27	ND	30.23	0.00	3,537.04
	09/24/02	3,567.27	ND	30.19	0.00	3,537.08
	12/19/02	3,567.27	ND	30.25	0.00	3,537.02
	03/05/03	3,567.27	NM	NM	NM	NM
	06/18/03	3,567.27	ND	30.28	0.00	3,536.99
	09/11/03	3,567.27	ND	30.29	0.00	3,536.98
	12/04/03	3,567.27	ND	30.32	0.00	3,536.95
RW - 1	03/16/01	3,566.48	ND	29.42	0.00	3,537.06
	06/04/01	3,566.48	ND	29.35	0.00	3,537.13
	03/27/02	3,566.48	ND	29.48	0.00	3,537.00
	06/25/02	3,566.48	ND	29.45	0.00	3,537.03
	09/24/02	3,566.48	ND	29.40	0.00	3,537.08
	12/19/02	3,566.48	ND	29.47	0.00	3,537.01
	03/05/03	3,566.48	NM	NM	NM	NM
	06/18/03	3,566.48	ND	29.51	0.00	3,536.97
	09/11/03	3,566.48	ND	29.54	0.00	3,536.94
	12/04/03	3,566.48	ND	29.53	0.00	3,536.95
RW - 2	03/16/01	3,566.09	ND	29.32	0.00	3,536.77
	06/04/01	3,566.09	ND	29.38	0.00	3,536.71
	03/27/02	3,566.09	ND	29.61	0.00	3,536.48
	06/25/02	3,566.09	ND	29.58	0.00	3,536.51
	09/24/02	3,566.09	ND	29.59	0.00	3,536.50
	12/19/02	3,566.09	ND	29.55	0.00	3,536.54
	01/07/03	3,566.09	ND	29.55	0.00	3,536.54

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**

**LINK ENERGY  
 MONUMENT BARBER ESTATE 10" SOUR  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #LI2069**

<b>WELL NUMBER</b>	<b>DATE MEASURED</b>	<b>TOP OF CASING ELEVATION</b>	<b>DEPTH TO PRODUCT</b>	<b>DEPTH TO WATER</b>	<b>PSH THICKNESS</b>	<b>CORRECTED GROUND WATER ELEVATION</b>
RW - 2	03/05/03	3,566.09	29.53	29.57	0.04	3,536.55
	06/18/03	3,566.09	29.56	29.88	0.32	3,536.48
	09/11/03	3,566.09	29.58	29.96	0.38	3,536.45
	12/04/03	3,566.09	29.62	29.99	0.37	3,536.41

Note: Unable to complete gauging or sampling on 3/5/03, ordered off-site by landowner representative.

*Elevations based on the 1929 North American Vertical Datum.*

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**

**LINK ENERGY  
 MONUMENT 10" SOUR  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #LI 2069**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030					Method: 8015	
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	GRO	DRO
MW-1	08/28/00	0.010	<0.001	0.003	0.001	<0.001		
	12/12/00	0.210	<0.001	0.004	<0.001	<0.001	<0.50	<0.50
	03/16/01	0.382	<0.001	0.001	<0.001	<0.001		
	06/04/01	0.358	<0.005	0.005		<0.005		
	09/27/01	0.144	<0.001	<0.001	<0.001	<0.001		
	03/27/02	0.019	<0.001	0.001	<0.001	<0.001		
	06/25/02	0.014	<0.001	<0.001	<0.001	<0.001		
	09/24/02	0.011	<0.001	<0.001	<0.001	<0.001	<0.5	<0.5
	12/19/02	0.006	0.005	0.004	0.005	0.002		
	03/05/03	NA	NA	NA	NA	NA		
	06/18/03	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/11/03	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001		
MW-2	08/28/00	0.307	0.002	0.058	0.026	0.013		
	12/12/00	0.652	0.048	0.111	0.223	0.018	0.62	<0.50
	03/16/01	0.653	<0.005	0.123	0.208	<0.005		
	06/04/01	0.505	<0.005	0.095		0.088		
	09/27/01	0.383	<0.001	0.020	0.004	<0.001		
	03/27/02	0.087	<0.001	0.002	<0.001	<0.001		
	06/25/02	0.044	<0.001	0.001	<0.001	<0.001		
	09/24/02	0.129	<0.001	0.001	<0.001	<0.001	<0.5	<0.5
	12/19/02	0.015	0.006	0.004	0.006	0.002		
	03/05/03	NA	NA	NA	NA	NA		
	06/18/03	0.004	<0.001	<0.001	<0.001	<0.001		
	09/11/03	0.003	<0.001	<0.001	<0.001	<0.001		
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001		
MW-4	08/28/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/12/00	0.001	<0.001	<0.001	<0.001	<0.001	<0.50	<0.50
	03/16/01	0.002	<0.001	<0.001	<0.001	<0.001		
	06/04/01	0.003	<0.001	0.003		<0.001		
	09/27/01	0.006	<0.001	0.001	0.002	<0.001		
	03/27/02	0.001	<0.001	<0.001	<0.001	<0.001		
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/24/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.5	<0.5
	12/19/02	0.003	0.003	0.002	0.003	0.001		
	03/05/03	NA	NA	NA	NA	NA		
	06/18/03	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/11/03	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001		

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**

**LINK ENERGY  
 MONUMENT 10" SOUR  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #LI 2069**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030					Method: 8015	
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	GRO	DRO
RW - 1	12/12/00	0.408	0.003	0.189	0.227	<0.001	<0.50	1.10
	03/16/01	0.395	0.005	0.193	0.173	<0.001		
	06/04/01	0.027	0.016	0.159		0.127		
	09/27/01	0.215	0.001	0.101	0.055	<0.001		
	03/27/02	0.125	<0.001	0.050	0.018	<0.001		
	06/25/02	0.101	<0.001	0.073	0.021	<0.001		
	09/24/02	0.095	<0.001	0.049	0.007	<0.001	<0.729	<0.5
	12/19/02	0.061	0.003	0.048	0.018	0.002		
	03/05/03	NA	NA	NA	NA	NA		
	06/18/03	0.008	<0.001	0.002	<0.001	<0.001		
	09/11/03	0.008	<0.001	0.004	<0.001	<0.001		
	12/04/03	0.004	<0.001	<0.001	<0.002	<0.001		
RW - 2	12/12/00	0.635	0.040	0.170	0.267	0.022	0.68	1.87
	03/16/01	0.460	0.010	0.143	0.176	<0.010		
	06/04/01	0.061	0.017	0.167		0.188		
	09/27/01	0.821	0.001	0.080	0.054	0.002		
	03/27/02	0.181	<0.001	0.002	0.002	<0.001		
	06/25/02	0.396	<0.001	0.007	0.003	<0.001		
	09/24/02	0.903	<0.001	0.026	0.011	<0.001	<0.5	<0.5
	12/19/02	0.352	0.002	0.014	0.013	<0.001		
	03/05/03	NA	NA	NA	NA	NA		
EB - 1	12/12/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	03/16/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	06/04/01	<0.001	<0.001	<0.001		<0.001		
	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/24/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/19/02	<0.001	<0.001	<0.001	<0.001	<0.001		

Note: NA denotes incomplete sampling event due to Landowner access restrictions.

## **APPENDICES**

**Appendix A**

**Laboratory Reports**

# FILE

**AnalySys**  
Analytical Services

**Client:** Environmental Tech Group  
**Attn:** Robert Eidsion  
**Address:** 2540 W. Maryland  
Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

## REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>
Volatile organics-8260b/BTEX	---		---		06/25/03	8260b
Benzene	<1	µg/L	1	<1	06/25/03	8260b
Ethylbenzene	<1	µg/L	1	<1	06/25/03	8260b
m,p-Xylenes	<1	µg/L	1	<1	06/25/03	8260b
o-Xylene	<1	µg/L	1	<1	06/25/03	8260b
Toluene	<1	µg/L	1	<1	06/25/03	8260b

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#/Lab ID#: 144434	Report Date: 06/25/03
Project ID: EO 2069 MONUMENT 10" SOUR	
Sample Name: MW-1	
Sample Matrix: water	
Date Received: 06/23/2003	Time: 08:00
Date Sampled: 06/18/2003	Time: 09:30

## QUALITY ASSURANCE DATA<sup>1</sup>

	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
	---	---	---	---	---

**CHARTER**

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

**Client:** Environmental Tech Group  
**Attn:** Robert Eidsom

**Project ID:** EO 2069 MONUMENT 10" SOUR  
**Sample Name:** MW-1

**Report#/Lab ID#:** 144434  
**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	106	88-110	---

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

**ANALYSIS**

**Client:** Environmental Tech Group  
**Attn:** Robert Eidsom  
**Address:** 2540 W. Maryland  
Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/25/03	8260b	---	---	---	---	---
Benzene	4.09	µg/L	1	<1	06/25/03	8260b	---	20.7	90.6	90.2	86.3
Ethylbenzene	<1	µg/L	1	<1	06/25/03	8260b	---	3.3	124.1	118.5	119
m,p-Xylenes	<1	µg/L	1	<1	06/25/03	8260b	---	3.1	110.6	107.9	106.1
o-Xylene	<1	µg/L	1	<1	06/25/03	8260b	---	3.7	119.3	115.9	114.2
Toluene	<1	µg/L	1	<1	06/25/03	8260b	---	19.7	92	97.2	86.5

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*Richard Laster*  
Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Report#/Lab ID#: 144435	Report Date: 06/25/03
Project ID: EO 2069 MONUMENT 10" SOUR	
Sample Name: MW-2	
Sample Matrix: water	
Date Received: 06/23/2003	Time: 08:00
Date Sampled: 06/18/2003	Time: 10:00

**ENVIRONMENTAL**

**TECHNOLOGY GROUP**

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: EO 2069 MONUMENT 10" SOUR  
Sample Name: MW-2

Report#Lab ID#: 144455  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.3	80-120	---
Toluene-d8	8260b	106	88-110	---

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

**AnalySys**

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

**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W. Marland  
Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/25/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/25/03	8260b	---	20.7	90.6	90.2	86.3
Ethylbenzene	<1	µg/L	1	<1	06/25/03	8260b	---	3.3	124.1	118.5	119
m,p-Xylenes	<1	µg/L	1	<1	06/25/03	8260b	---	3.1	110.6	107.9	106.1
o-Xylene	<1	µg/L	1	<1	06/25/03	8260b	---	3.7	119.3	115.9	114.2
Toluene	<1	µg/L	1	<1	06/25/03	8260b	---	19.7	92	97.2	86.5

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Richard Laster

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**ETI**

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**Client:** Environmental Tech Group  
**Attn:** Robert Eidson

**Project ID:** EO 2069 MONUMENT 10" SOUR  
**Sample Name:** MW-4

#### **REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.7	80-120	---
Toluene-d8	8260b	104	88-110	---

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

**Report#/Lab ID#:** 144436  
**Sample Matrix:** water

**ANALYSYS INC.**

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

**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/25/03	8260b	---	---	---	---	---
Benzene	7.73	µg/L	1	<1	06/25/03	8260b	---	20.7	90.6	90.2	86.3
Ethylbenzene	2.06	µg/L	1	<1	06/25/03	8260b	---	3.3	124.1	118.5	119
m,p-Xylenes	<1	µg/L	1	<1	06/25/03	8260b	---	3.1	110.6	107.9	106.1
o-Xylene	<1	µg/L	1	<1	06/25/03	8260b	---	3.7	119.3	115.9	114.2
Toluene	<1	µg/L	1	<1	06/25/03	8260b	---	19.7	92	97.2	86.5

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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*Environmental Tech Group*

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

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: EO 2069 MONUMENT 10" SOUR  
Sample Name: RW-1

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	106	88-110	---

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

Report# /Lab ID#: 144437  
Sample Matrix: water



**7**  
**5**

# FILE

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
 Attn: Robert Eidsen  
 Address: 2540 W. Marland Hobbs NM 88240  
 Phone: 505 397-4882 FAX: 505 397-4701

## REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	09/18/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/18/03	8260b	---	7.8	93.9	94.6	88.1
Ethylbenzene	<1	µg/L	1	<1	09/18/03	8260b	---	2.8	99.7	97.1	97
m,p-Xylenes	<1	µg/L	1	<1	09/18/03	8260b	---	1.2	98.6	98.2	96.6
o-Xylene	<1	µg/L	1	<1	09/18/03	8260b	---	2.4	103.9	102.9	100.7
Toluene	<1	µg/L	1	<1	09/18/03	8260b	---	8.1	105.7	105.3	102.5

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**Q** **R** **E** **T** **E** **S** **T** **E**

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(512) 385-5886 • FAX (512) 385-7411

**Client:** Environmental Tech Group  
**Attn:** Robert Eidsom

**Project ID:** EO 2069 Mon 10" Sour  
**Sample Name:** MW-1

**Report#**[Lab ID#]: 147254  
**Sample Matrix:** water

**REPORT OF SURROGATE RECOVERY**

<b>Surrogate Compound</b>	<b>Method</b>	<b>Recovery</b>	<b>Recovery Limit</b>	<b>Data Qualifiers</b>
1,2-Dichloroethane-d4	8260b	92	80-120	---
Toluene-d8	8260b	93.2	88-110	---

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



**GTI**

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: EO 2069 Mon 10" Sour  
Sample Name: MW-2

Report# /Lab ID#: 147255  
Sample Matrix: water

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#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.8	80-120	---
Toluene-d8	8260b	92.6	88-110	---

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

**ANALYST**

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

**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W Marland  
**Hobbs**  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	09/18/03	8260b(5030/S035)	---	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/18/03	8260b	---	7.8	93.9	94.6	88.1
Ethylbenzene	<1	µg/L	1	<1	09/18/03	8260b	---	2.8	99.7	97.1	97
m,p-Xylenes	<1	µg/L	1	<1	09/18/03	8260b	---	1.2	98.6	98.2	96.6
o-Xylene	<1	µg/L	1	<1	09/18/03	8260b	---	2.4	103.9	102.9	100.7
Toluene	<1	µg/L	1	<1	09/18/03	8260b	---	8.1	105.7	105.3	102.5

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Respectfully Submitted,  
**Richard Laster**  
 Richard Laster

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Report#/Lab ID#: 147256	Report Date: 09/19/03
Project ID: EO 2069 Mon 10" Sour	
Sample Name: MW-4	
Sample Matrix: water	
Date Received: 09/15/2003	Time: 08:00
Date Sampled: 09/11/2003	Time: 11:30

**QUALITY ASSURANCE DATA<sup>1</sup>**

*Q* *T* *T* *O* *L* *P* *S*

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Client: Environmental Tech Group  
Attn: Robert Edson

Project ID: EO 2069 Mon 10<sup>th</sup> Sour  
Sample Name: MW-4

Report# /Lab ID#: 147256  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.8	80-120	---
Toluene-d8	8260b	89.7	88-110	---

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

**AnalySys**

**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W Marland Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/18/03	8260b(5030/5035)	---	---	---	---	---
Benzene	8.01	µg/L	1	<1	09/18/03	8260b	---	7.8	93.9	94.6	88.1
Ethylbenzene	3.68	µg/L	1	<1	09/18/03	8260b	---	2.8	99.7	97.1	97
m,p-Xylenes	<1	µg/L	1	<1	09/18/03	8260b	---	1.2	98.6	98.2	96.6
o-Xylene	<1	µg/L	1	<1	09/18/03	8260b	---	2.4	103.9	102.9	100.7
Toluene	<1	µg/L	1	<1	09/18/03	8260b	---	8.1	105.7	105.3	102.5

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**Richard Laster**

Richard Laster

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Report#/ <b>Lab ID#:</b> 147257	<b>Report Date:</b> 09/19/03
Project ID: EO 2069 Mon 10" Sour	
Sample Name: RW-1	
Sample Matrix: water	
Date Received: 09/15/2003	Time: 08:00
Date Sampled: 09/11/2003	Time: 12:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

**7/17/05**

**Client:** Environmental Tech Group  
**Attn:** Robert Eidson

**Project ID:** EO 2069 Mon 10" Sour  
**Sample Name:** RW-1

**REPORT OF SURROGATE RECOVERY**

<b>Surrogate Compound</b>	<b>Method</b>	<b>Recovery</b>	<b>Recovery Limit</b>	<b>Data Qualifiers</b>
1,2-Dichloroethane-d4	8260b	91.5	80-120	---
Toluene-d8	8260b	91.2	88-110	---

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

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**Report#**/Lab ID#: 147257  
**Sample Matrix:** water



**FILE**

5

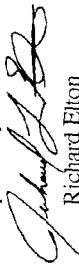
Client: Environmental Tech Group  
Attn: Robert Eidson  
Address: 2540 W. Marland Hobbs  
Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date
Volatile organics-8260b/BTEX	---	µg/L	---	<1	12/12/03
Benzene	<1	µg/L	1	<1	12/12/03
Ethylbenzene	<1	µg/L	1	<1	12/12/03
m,p-Xylenes	<2	µg/L	2	<2	12/12/03
o-Xylene	<1	µg/L	1	<1	12/12/03
Toluene	<1	µg/L	1	<1	12/12/03

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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 (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. P =Precision higher than advisory limit. M =Matrix interference.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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Report#/ <b>Lab ID#:</b> 150574	<b>Report Date:</b> 12/22/03
Project ID: EO2069	Mon.10 <sup>th</sup> Soer
Sample Name: MW-1	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/04/2003	Time: 13:30

**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	8260b(5030/5035)	---	---	---	---	---
Benzene	8260b	---	---	3.2	100	101.8
Ethylbenzene	8260b	---	---	1.7	107.2	112.2
m,p-Xylenes	8260b	---	---	2.5	102.3	107
o-Xylene	8260b	---	---	1.7	115.3	111.6
Toluene	8260b	---	6.9	104.7	108.9	109.1

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Client:	Environmental Tech Group	Project ID:	EO2069 Mon.10 <sup>th</sup> Soer
Attn:	Robert Edson	Sample Name:	MW-1

#### REPORT OF SURROGATE RECOVERY

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

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

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**REPORT OF ANALYSIS**

Client: Environmental Tech Group  
Attn: Robert Eidson  
Address: 2540 W. Marland Hobbins  
Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/11/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/11/03	8260b	---	9.8	79	95.2	107.1
Ethylbenzene	<1	µg/L	1	<1	12/11/03	8260b	---	5.5	105.3	106	113.8
m,p-Xylenes	<2	µg/L	2	<2	12/11/03	8260b	---	5	99.6	101.1	106.3
o-Xylene	<1	µg/L	1	<1	12/11/03	8260b	---	15	102.9	11.5	120.8
Toluene	<1	µg/L	1	<1	12/11/03	8260b	---	7.7	101.8	101.1	109.5

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Respectfully Submitted,  
*Richard Elton*  
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. M =Matrix interference.

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Report#/Lab ID#: 150575  
Sample Matrix: water

Client: Environmental Tech Group  
Attn: Robert Eidson  
Project ID: EO2069 Mon.10<sup>th</sup> Soer  
Sample Name: MW-2

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.3	80-120	---
Toluene-d8	8260b	106	88-110	---

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

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**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group		
Attn:	Robert Eidson		
<b>Address:</b>	2540 W. Marland Hobbs NM 88240		
<b>Phone:</b>	505 397-4882	<b>FAX:</b>	505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. 2	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics:8260b/BTEX	---	---	---	---	12/11/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/11/03	8260b	---	9.8	79	95.2	107.1
Ethylbenzene	<1	µg/L	1	<1	12/11/03	8260b	---	5.5	105.3	106	113.8
m,p-Xylenes	<2	µg/L	2	<2	12/11/03	8260b	---	5	99.6	101.1	106.3
o-Xylene	<1	µg/L	1	<1	12/11/03	8260b	---	15	102.9	115	120.8
Toluene	<1	µg/L	1	<1	12/11/03	8260b	---	7.7	101.8	101.1	109.5

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Respectfully Submitted,  
  
 Richard Elton

QUALITY ASSURANCE DATA <sup>1</sup>											
Report#	Lab ID#:	EO2069	Mon.10"	Soer							
Project ID:											
Sample Name:	MW-4										
Sample Matrix:	water										
Date Received:	12/09/2003										
Date Sampled:	12/04/2003										
Time:	15:00										
Time:	14:30										

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.	8. Recovery values reflect nominal quantitation limits adjusted for any required dilutions.

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Client:	Environmental Tech Group	Project ID: EO2069 Mon.10 <sup>th</sup> Soer	Report# /Lab ID#: 150576
Attn:	Robert Eidson	Sample Name: MW-4	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.1	80-120	---
Toluene-d8	8260b	109	88-110	---

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

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**REPORT OF ANALYSIS**

**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W. Marland Hobbies  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. 2	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	12/11/03	8260b(5030/5035)	---	---	---	---	---	---
Benzene	4.06	µg/L	1	<1	12/11/03	8260b	---	9.8	79	95.2	107.1
Ethylbenzene	<1	µg/L	1	<1	12/11/03	8260b	J	5.5	105.3	106	113.8
m,p-Xylenes	<2	µg/L	2	<2	12/11/03	8260b	---	5	99.6	101.1	106.3
o-Xylene	<1	µg/L	1	<1	12/11/03	8260b	---	15	102.9	115	120.8
Toluene	<1	µg/L	1	<1	12/11/03	8260b	---	7.7	101.8	101.1	109.5

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Respectfully Submitted,  
  
 Richard Elton

QUALITY ASSURANCE DATA <sup>1</sup>											
Report#	Lab ID#	Project ID:	Sample Name:	Matrix:	Date Received:	Date Sampled:	Prec. 2	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>	
Report Date:	12/22/03	EO2069 Mon.10" Soer	RW-1	water	12/09/2003	12/04/2003	15.00	15.00	15.00	15.00	

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

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Client: Environmental Tech Group Attn: Robert Eidson	Project ID: EO2069 Mon.10 <sup>th</sup> Soer Sample Name: RW-1
<b>REPORT OF SURROGATE RECOVERY</b>	

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.2	80-120	---
Toluene-d8	8260b	105	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 150577 Matrix: water  
Client: Environmental Tech Group Attn: Robert Eidson  
Project ID: EO269 Mon.10" Soer  
Sample Name: RW-1

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is  $\leq 6^{\circ}\text{C}$ . 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	Qualifier	Comment
Ethylbenzene	J	See J-flag discussion above.

Notes:

## CHAIN OF CUSTODY

www.analysysinc.com

## Send Report To:

Company Name Environmental Technology Group Inc.

Address 2540 Old Harborland

City Hobbs State NM Zip 88240

ATTN: Robert Edison

Phone (505) 327-4882 Fax (505) 327-4701

Project Name/YR: E&amp;Q 2001 Non-Sol. Sampler

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".

## Bill To (if different):

Company Name Local Energy

Address

City

State

Zip

Phone

Fax

ATN:

City