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# REPORTS

DATE:

04-2004

# **ANNUAL MONITORING REPORT**

## **MONUMENT 17**

**SE ¼ of the NW ¼ of SECTION 29, TOWNSHIP 19 SOUTH, RANGE 37 EAST**

**LEA COUNTY, NEW MEXICO**

**LINK ENERGY LEAK NUMBER: TNM MONUMENT-17-KNOWN**

**ETGI PROJECT NUMBER: LI2064**

**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**

## **MONUMENT 17**

**SE ¼ of the NW ¼ of SECTION 29, TOWNSHIP 19 SOUTH, RANGE 37 EAST**

**LEA COUNTY, NEW MEXICO**

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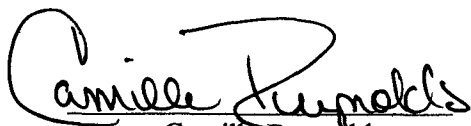
**PREPARED FOR:**

**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**



**Todd Choban  
Regional Manager**

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## **INTRODUCTION**

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

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

## **FIELD ACTIVITIES**

The site monitoring 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 sampler. 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 Map. Cumulative groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2003, indicated a general gradient of approximately 0.001 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-6. The depth to groundwater as measured from the top of the well casing ranged between 17.66 to 22.95 feet in the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor well MW-7 during the 2003 annual monitoring period. A maximum thickness of 0.12 foot was measured during the 2003 monitoring event and is recorded on Table 1.

## 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 SW846-8260b. 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 the laboratory analytical results generated from analysis of the groundwater samples obtained during the 2003 monitoring period indicated that the benzene and BTEX constituent concentrations in monitor wells MW-4, MW-5, MW-6, MW-7 (except for the third quarter), and MW-8 are below NMOCD regulatory standards. The benzene concentrations in monitor wells MW-1, MW-2 and MW-3 were above the NMOCD regulatory standard while total BTEX concentrations were below NMOCD regulatory standards. However, a measurable amount of PSH was detected in monitor well MW-7 during the third and fourth quarters of 2003 monitoring events.

## SUMMARY

This report presents the results of groundwater monitoring activities for the annual monitoring period 2003. A measurable thickness of PSH was detected in monitor well MW-7 during the 2003 reporting period. A maximum thickness of 0.12 foot in monitor well MW-7 was measured during 2003. No measurable amount of PSH was recovered during the 2003 reporting period. Monitor well MW-7 has an absorbent boom for passive PSH recovery.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2003, indicated a general gradient of approximately 0.001 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-6.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained from monitor wells MW-4, MW-5, MW-6, MW-7 (except for the third quarter), and MW-8 during the 2003 monitoring period indicate that benzene and BTEX constituent concentrations are below NMOCD regulatory standards. The benzene concentrations in monitor wells MW-1, MW-2 and MW-3 were above the NMOCD regulatory standard while total BTEX constituent concentrations were below applicable NMOCD regulatory standards. However, a measurable amount of PSH was detected in monitor well MW-7 during the third and fourth quarters of 2003 monitoring events.

Groundwater sampling results from samples collected at monitor wells MW-4, MW-5, MW-6, and MW-8 have not exceeded the NMOCD regulatory standards for benzene or total BTEX concentrations for at least eight consecutive monitoring events. At this time, we are requesting that the above referenced monitor wells be gauged quarterly but sampled annually, until conditions for site closure are met.

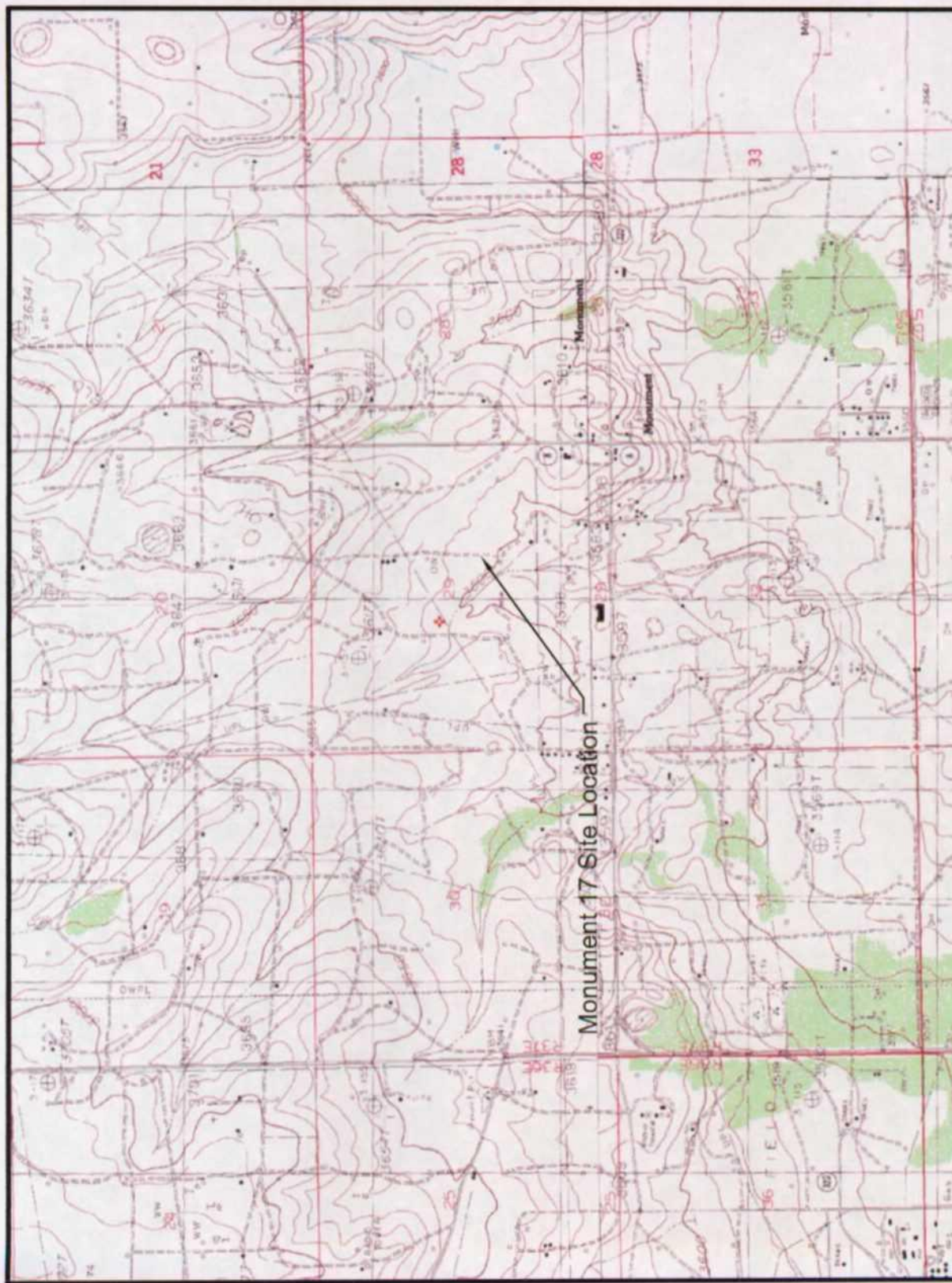
## **DISTRIBUTION**

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Santa Fe, New Mexico 87505
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New Mexico Oil Conservation Division (District 1)  
1625 French Drive  
Hobbs, New Mexico 88240
- Copy 4: Jeff Dann  
Link Energy  
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Suite 400  
Houston, Texas 77042
- Copy 5: Jimmy Bryant  
Link Energy  
5805 Hwy 80 East  
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- Copy 6: Environmental Technology Group, Inc.  
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Midland, Texas 79703
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Hobbs, New Mexico 88240

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## FIGURES



SE 1/4 NW 1/4 Sec. 29  
T19S, R37E

Site Location Map  
Figure 1  
Link Energy  
Monument 17  
Lea County, NM

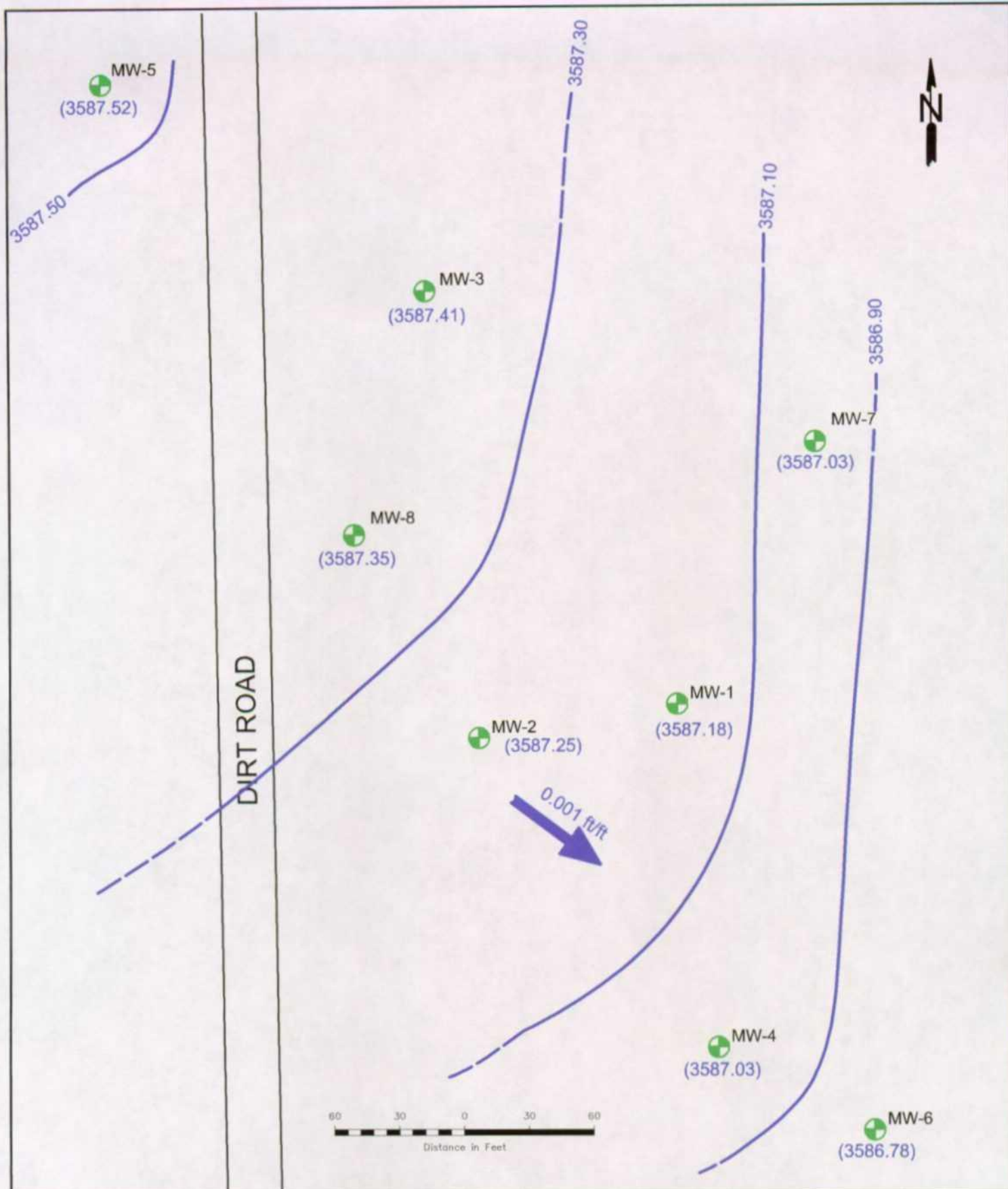
Distance in Miles

0 .25 .5

Environmental Technology  
Group, Inc.

|                       |                                   |                                     |
|-----------------------|-----------------------------------|-------------------------------------|
| Scale: 1" = 3 Miles   | Prep By: JCL                      | Checked By: BE                      |
| February 13, 2003     | Section 28 Township 19S Range 37E |                                     |
| ETGI Project # 112064 |                                   | Lat: 32° 37' 37" Long: 102° 16' 31" |





**LEGEND:**

- Monitoring Well Locations
- Ground Water Contour Lines
- (3587.54) Groundwater Elevation
- 0.001 ft/ft Groundwater Gradient Direction and Magnitude

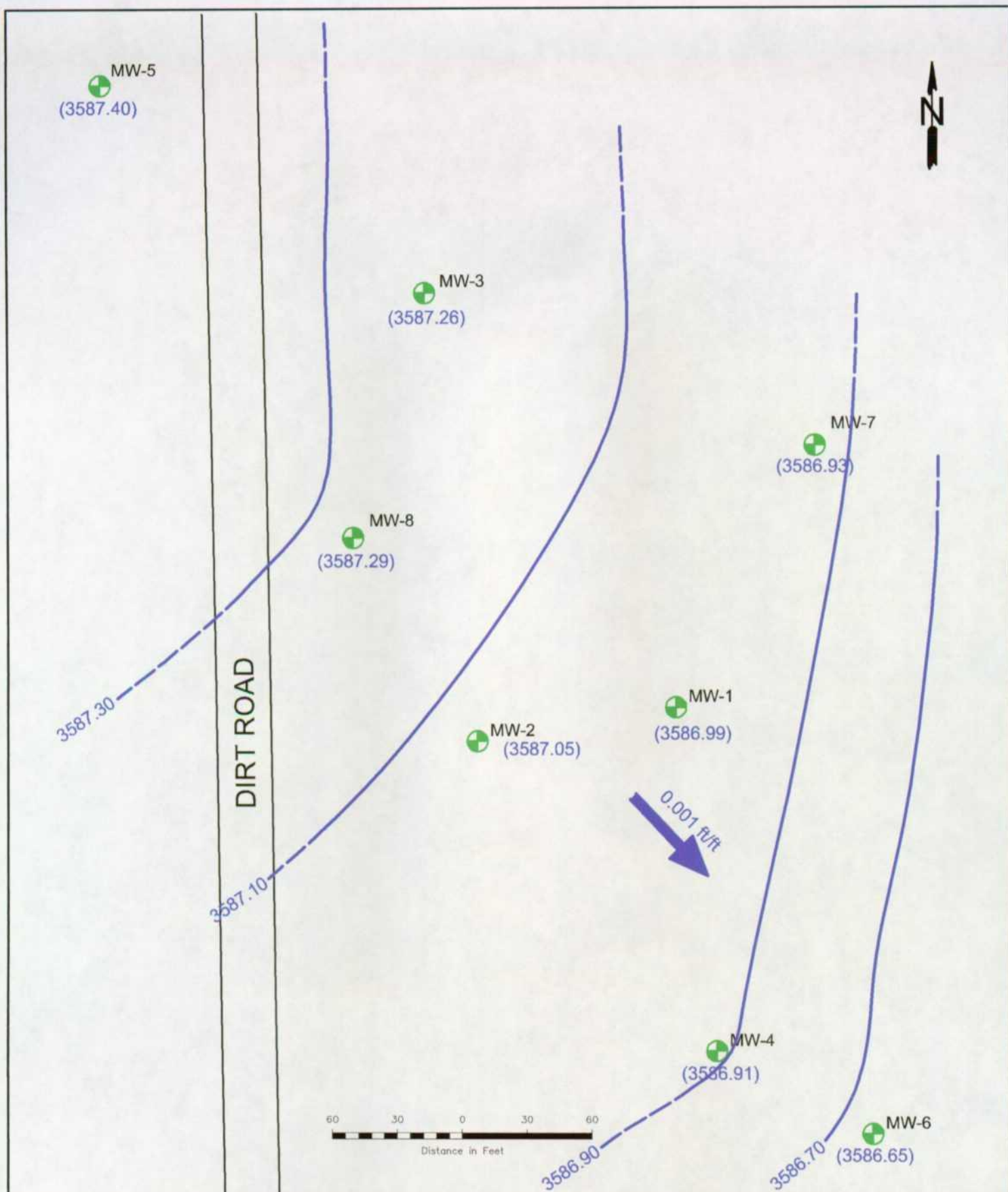
**Figure 2A**  
Inferred Groundwater  
Gradient Map (2/17/03)

Link Energy  
Monument 17  
Lea County, NM



**Environmental Technology  
Group, Inc.**

|                              |                                           |                        |
|------------------------------|-------------------------------------------|------------------------|
| January 25, 2004             | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                        |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE         |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI2064 |



60 30 0 30 60  
Distance in Feet

**LEGEND:**

- Monitoring Well Locations
- Ground Water Contour Lines
- (3587.54) Groundwater Elevation
- 0.001 ft/ft Groundwater Gradient Direction and Magnitude

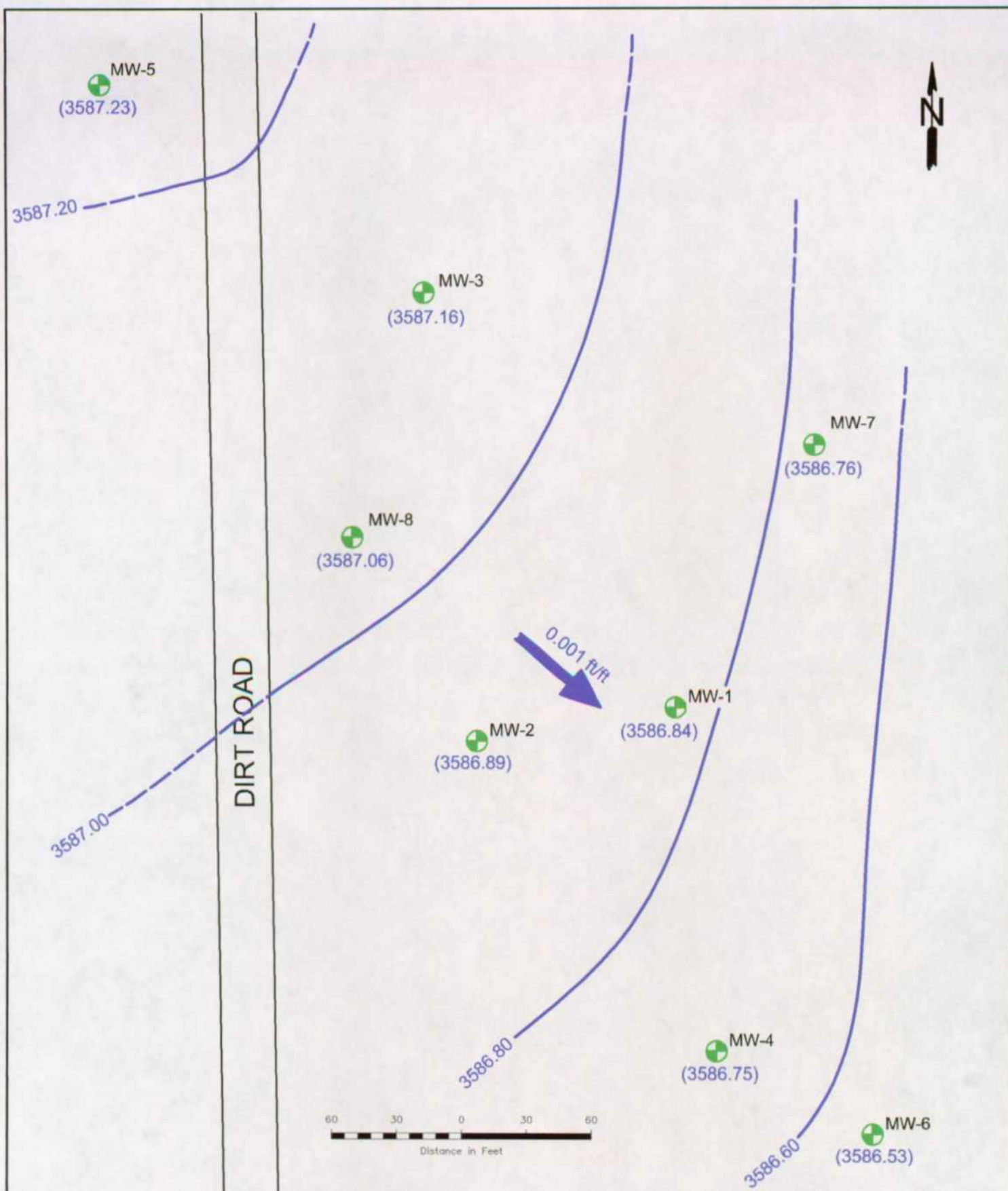
**Figure 2B**  
Inferred Groundwater  
Gradient Map (5/19/03)

Link Energy  
Monument 17  
Lea County, NM



**Environmental Technology  
Group, Inc.**

|                              |                                           |                        |
|------------------------------|-------------------------------------------|------------------------|
| January 25, 2004             | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                        |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE         |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI2064 |



**LEGEND:**

- Monitoring Well Locations
- Ground Water Contour Lines
- (3587.54) Groundwater Elevation
- 0.001 ft/ft Groundwater Gradient Direction and Magnitude

**Figure 2C**  
Inferred Groundwater  
Gradient Map (8/25/03)

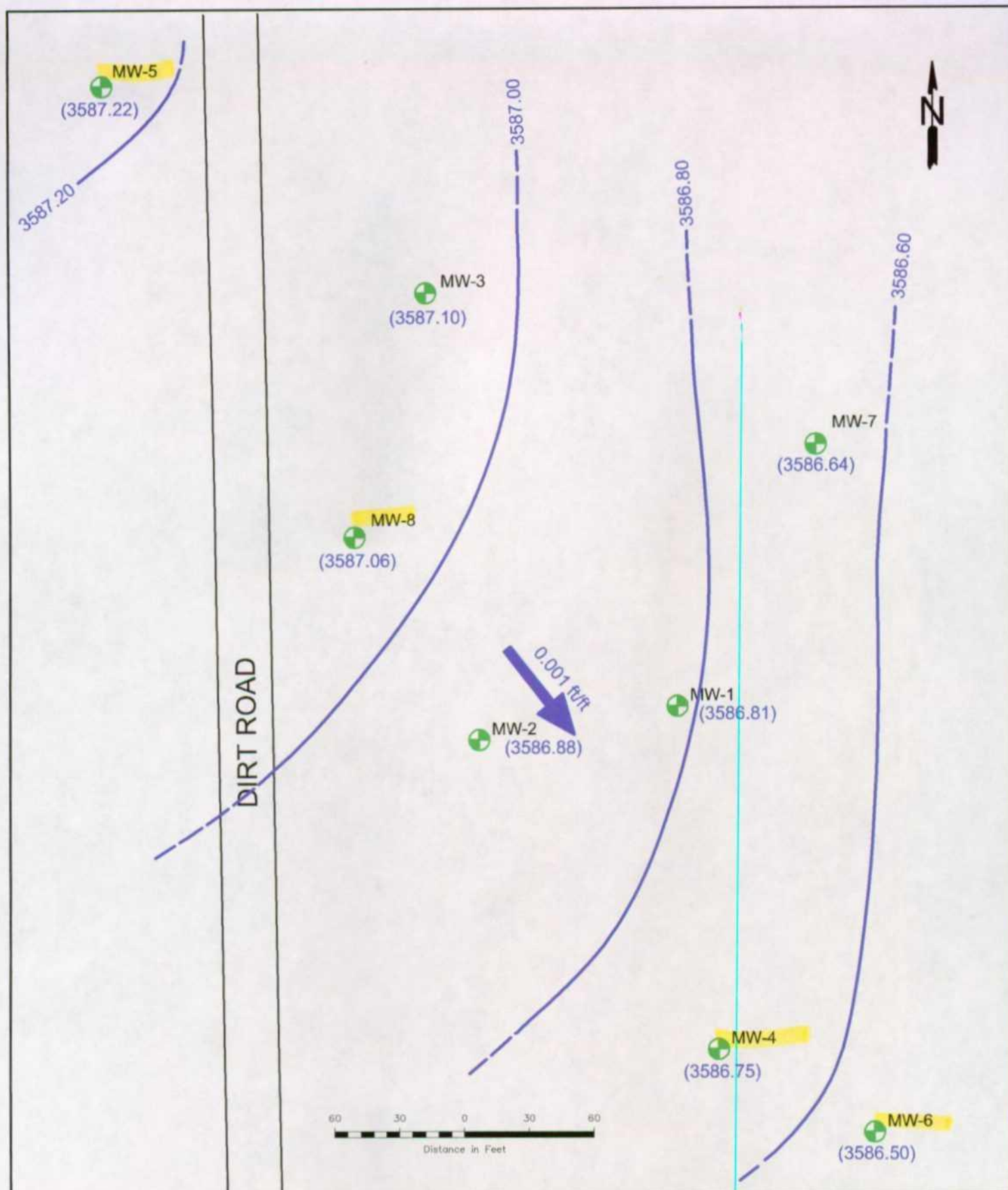
Link Energy  
Monument 17  
Lea County, NM



**Environmental Technology  
Group, Inc.**

|                              |                                           |                        |
|------------------------------|-------------------------------------------|------------------------|
| January 25, 2004             | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                        |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE         |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI2064 |





#### LEGEND:

- + Monitoring Well Locations
- Ground Water Contour Lines
- (3587.54) Groundwater Elevation
- 0.001 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2D  
Inferred Groundwater  
Gradient Map (11/21/03)

Link Energy  
Monument 17  
Lea County, NM



Environmental Technology  
Group, Inc.

|                              |                                           |                        |
|------------------------------|-------------------------------------------|------------------------|
| January 25, 2004             | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                        |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE         |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI2064 |



MW-5

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-3

Benzene 0.015 mg/L  
BTEX 0.015 mg/L

MW-7

Benzene 0.001 mg/L  
BTEX 0.001 mg/L

MW-8

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-1

Benzene 0.003 mg/L  
BTEX 0.003 mg/L

MW-2

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-4

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-6

DIRT ROAD



LEGEND:



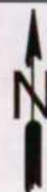
Monitoring Well Location

Figure 3A  
Groundwater Concentration  
Map (2/17/03)  
Link Energy  
Monument 17  
Lea County, NM



Environmental Technology  
Group, Inc.

|                              |                                           |                         |
|------------------------------|-------------------------------------------|-------------------------|
| March 23, 2004               | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                         |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE          |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI 2064 |



MW-5

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-3

Benzene 0.053 mg/L  
BTEX 0.069 mg/L

MW-7  
PSH 0.05'

MW-8

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-1

Benzene 0.076 mg/L  
BTEX 0.119 mg/L

MW-2

Benzene 0.050 mg/L  
BTEX 0.081 mg/L

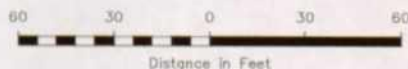
Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-4

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-6

DIRT ROAD



LEGEND:

- Monitoring Well Location
- Inferred PSH Extent

Note: PSH Thickness in Feet

Figure 3C  
Groundwater Concentration  
Map (8/25/03)  
Link Energy  
Monument 17  
Lea County, NM



Environmental Technology  
Group, Inc.

|                              |                                           |                         |
|------------------------------|-------------------------------------------|-------------------------|
| March 23, 2004               | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                         |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE          |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI 2064 |





MW-5

Benzene <0.001 mg/L  
BTEX <0.002 mg/L

MW-3

Benzene 0.409 mg/L  
BTEX 0.610 mg/L

MW-7  
PSH 0.02'

MW-8

Benzene 0.005 mg/L  
BTEX 0.007 mg/L

MW-1

Benzene 0.145 mg/L  
BTEX 0.260 mg/L

MW-2

Benzene 0.192 mg/L  
BTEX 0.246 mg/L

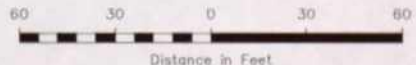
Benzene <0.001 mg/L  
BTEX <0.002 mg/L

MW-4

Benzene <0.001 mg/L  
BTEX <0.002 mg/L

MW-6

DIRT ROAD



LEGEND:

- Monitoring Well Location
- Inferred PSH Extent

Note: PSH Thickness in Feet

Figure 3D  
Groundwater Concentration  
Map (11/21/03)  
Link Energy  
Monument 17  
Lea County, NM



Environmental Technology  
Group, Inc.

|                              |                                           |                         |
|------------------------------|-------------------------------------------|-------------------------|
| March 23, 2004               | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                         |
| Scale: 1" = 60'              | Prep By: CS                               | Checked By: RE          |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: LI 2064 |

## TABLES

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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</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                 | 01/17/00           | 3,607.16                       | ND                      | 19.95                 | 0.00                 | 3,587.21                                |
|                        | 04/10/00           | 3,607.16                       | ND                      | 20.08                 | 0.00                 | 3,587.08                                |
|                        | 08/31/00           | 3,607.16                       | ND                      | 19.71                 | 0.00                 | 3,587.45                                |
|                        | 12/18/00           | 3,607.16                       | ND                      | 19.89                 | 0.00                 | 3,587.27                                |
|                        | 03/13/01           | 3,607.16                       | ND                      | 19.88                 | 0.00                 | 3,587.28                                |
|                        | 05/30/01           | 3,607.16                       | ND                      | 19.88                 | 0.00                 | 3,587.28                                |
|                        | 09/12/01           | 3,607.16                       | ND                      | 20.05                 | 0.00                 | 3,587.11                                |
|                        | 11/17/01           | 3,607.16                       | ND                      | 20.03                 | 0.00                 | 3,587.13                                |
|                        | 02/12/02           | 3,607.16                       | ND                      | 20.10                 | 0.00                 | 3,587.06                                |
|                        | 05/15/02           | 3,607.16                       | ND                      | 20.02                 | 0.00                 | 3,587.14                                |
|                        | 09/12/02           | 3,607.16                       | ND                      | 20.09                 | 0.00                 | 3,587.07                                |
|                        | 11/18/02           | 3,607.16                       | ND                      | 19.91                 | 0.00                 | 3,587.25                                |
|                        | 02/17/03           | 3,607.16                       | ND                      | 19.98                 | 0.00                 | 3,587.18                                |
|                        | 05/19/03           | 3,607.16                       | ND                      | 20.17                 | 0.00                 | 3,586.99                                |
|                        | 08/25/03           | 3,607.16                       | ND                      | 20.32                 | 0.00                 | 3,586.84                                |
|                        | 11/21/03           | 3,607.16                       | ND                      | 20.35                 | 0.00                 | 3,586.81                                |
| MW - 2                 | 01/17/00           | 3,607.08                       | ND                      | 19.82                 | 0.00                 | 3,587.26                                |
|                        | 04/10/00           | 3,607.08                       | ND                      | 19.94                 | 0.00                 | 3,587.14                                |
|                        | 08/31/00           | 3,607.08                       | ND                      | 19.57                 | 0.00                 | 3,587.51                                |
|                        | 12/18/00           | 3,607.08                       | ND                      | 19.77                 | 0.00                 | 3,587.31                                |
|                        | 03/13/01           | 3,607.08                       | ND                      | 19.75                 | 0.00                 | 3,587.33                                |
|                        | 05/30/01           | 3,607.08                       | ND                      | 19.75                 | 0.00                 | 3,587.33                                |
|                        | 09/12/01           | 3,607.08                       | ND                      | 19.92                 | 0.00                 | 3,587.16                                |
|                        | 11/17/01           | 3,607.08                       | ND                      | 19.88                 | 0.00                 | 3,587.20                                |
|                        | 02/12/02           | 3,607.08                       | ND                      | 19.96                 | 0.00                 | 3,587.12                                |
|                        | 05/15/02           | 3,607.08                       | ND                      | 19.88                 | 0.00                 | 3,587.20                                |
|                        | 09/12/02           | 3,607.08                       | ND                      | 19.93                 | 0.00                 | 3,587.15                                |
|                        | 11/18/02           | 3,607.08                       | ND                      | 19.77                 | 0.00                 | 3,587.31                                |
|                        | 02/17/03           | 3,607.08                       | ND                      | 19.83                 | 0.00                 | 3,587.25                                |
|                        | 05/19/03           | 3,607.08                       | ND                      | 20.03                 | 0.00                 | 3,587.05                                |
|                        | 08/25/03           | 3,607.08                       | ND                      | 20.19                 | 0.00                 | 3,586.89                                |
|                        | 11/21/03           | 3,607.08                       | ND                      | 20.20                 | 0.00                 | 3,586.88                                |



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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</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 - 3                 | 01/17/00           | 3,608.43                       | ND                      | 20.92                 | 0.00                 | 3,587.51                                |
|                        | 04/10/00           | 3,608.43                       | ND                      | 21.06                 | 0.00                 | 3,587.37                                |
|                        | 08/31/00           | 3,608.43                       | ND                      | 20.64                 | 0.00                 | 3,587.79                                |
|                        | 12/18/00           | 3,608.43                       | ND                      | 20.86                 | 0.00                 | 3,587.57                                |
|                        | 03/13/01           | 3,608.43                       | ND                      | 20.85                 | 0.00                 | 3,587.58                                |
|                        | 05/30/01           | 3,608.43                       | ND                      | 20.93                 | 0.00                 | 3,587.50                                |
|                        | 09/12/01           | 3,608.43                       | ND                      | 21.04                 | 0.00                 | 3,587.39                                |
|                        | 11/17/01           | 3,608.43                       | ND                      | 21.02                 | 0.00                 | 3,587.41                                |
|                        | 02/12/02           | 3,608.43                       | ND                      | 21.09                 | 0.00                 | 3,587.34                                |
|                        | 05/15/02           | 3,608.43                       | ND                      | 21.04                 | 0.00                 | 3,587.39                                |
|                        | 09/12/02           | 3,608.43                       | ND                      | 21.07                 | 0.00                 | 3,587.36                                |
|                        | 11/18/02           | 3,608.43                       | ND                      | 20.89                 | 0.00                 | 3,587.54                                |
|                        | 02/17/03           | 3,608.43                       | ND                      | 21.02                 | 0.00                 | 3,587.41                                |
|                        | 05/19/03           | 3,608.43                       | ND                      | 21.17                 | 0.00                 | 3,587.26                                |
|                        | 08/25/03           | 3,608.43                       | ND                      | 21.27                 | 0.00                 | 3,587.16                                |
|                        | 11/21/03           | 3,608.43                       | ND                      | 21.33                 | 0.00                 | 3,587.10                                |
| MW-4                   | 01/17/00           | 3,606.12                       | ND                      | 19.02                 | 0.00                 | 3,587.10                                |
|                        | 04/10/00           | 3,606.12                       | ND                      | 19.12                 | 0.00                 | 3,587.00                                |
|                        | 08/31/00           | 3,606.12                       | ND                      | 18.80                 | 0.00                 | 3,587.32                                |
|                        | 12/18/00           | 3,606.12                       | ND                      | 18.97                 | 0.00                 | 3,587.15                                |
|                        | 03/13/01           | 3,606.12                       | ND                      | 18.93                 | 0.00                 | 3,587.19                                |
|                        | 05/30/01           | 3,606.12                       | ND                      | 18.94                 | 0.00                 | 3,587.18                                |
|                        | 09/12/01           | 3,606.12                       | ND                      | 19.11                 | 0.00                 | 3,587.01                                |
|                        | 11/17/01           | 3,606.12                       | ND                      | 19.10                 | 0.00                 | 3,587.02                                |
|                        | 02/12/02           | 3,606.12                       | ND                      | 19.13                 | 0.00                 | 3,586.99                                |
|                        | 05/15/02           | 3,606.12                       | ND                      | 19.08                 | 0.00                 | 3,587.04                                |
|                        | 09/12/02           | 3,606.12                       | ND                      | 19.12                 | 0.00                 | 3,587.00                                |
|                        | 11/18/02           | 3,606.12                       | ND                      | 18.98                 | 0.00                 | 3,587.14                                |
|                        | 02/17/03           | 3,606.12                       | ND                      | 19.09                 | 0.00                 | 3,587.03                                |
|                        | 05/19/03           | 3,606.12                       | ND                      | 19.21                 | 0.00                 | 3,586.91                                |
|                        | 08/25/03           | 3,606.12                       | ND                      | 19.37                 | 0.00                 | 3,586.75                                |
|                        | 11/21/03           | 3,606.12                       | ND                      | 19.37                 | 0.00                 | 3,586.75                                |
| MW - 5                 | 01/17/00           | 3,610.17                       | ND                      | 22.55                 | 0.00                 | 3,587.62                                |
|                        | 04/10/00           | 3,610.17                       | ND                      | 22.64                 | 0.00                 | 3,587.53                                |
|                        | 08/31/00           | 3,610.17                       | ND                      | 22.22                 | 0.00                 | 3,587.95                                |

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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</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 - 5                 | 12/18/00           | 3,610.17                       | ND                      | 22.44                 | 0.00                 | 3,587.73                                |
|                        | 03/13/01           | 3,610.17                       | ND                      | 22.43                 | 0.00                 | 3,587.74                                |
|                        | 05/30/01           | 3,610.17                       | ND                      | 22.50                 | 0.00                 | 3,587.67                                |
|                        | 09/12/01           | 3,610.17                       | ND                      | 22.64                 | 0.00                 | 3,587.53                                |
|                        | 11/17/01           | 3,610.17                       | ND                      | 22.63                 | 0.00                 | 3,587.54                                |
|                        | 02/12/02           | 3,610.17                       | ND                      | 22.67                 | 0.00                 | 3,587.50                                |
|                        | 05/15/02           | 3,610.17                       | ND                      | 22.64                 | 0.00                 | 3,587.53                                |
|                        | 09/12/02           | 3,610.17                       | ND                      | 22.67                 | 0.00                 | 3,587.50                                |
|                        | 11/18/02           | 3,610.17                       | ND                      | 22.49                 | 0.00                 | 3,587.68                                |
|                        | 02/17/03           | 3,610.17                       | ND                      | 22.65                 | 0.00                 | 3,587.52                                |
|                        | 05/19/03           | 3,610.17                       | ND                      | 22.77                 | 0.00                 | 3,587.40                                |
|                        | 08/25/03           | 3,610.17                       | ND                      | 22.94                 | 0.00                 | 3,587.23                                |
|                        | 11/21/03           | 3,610.17                       | ND                      | 22.95                 | 0.00                 | 3,587.22                                |
|                        | 01/17/00           | 3,604.44                       | ND                      | 17.63                 | 0.00                 | 3,586.81                                |
| MW - 6                 | 04/10/00           | 3,604.44                       | ND                      | 17.72                 | 0.00                 | 3,586.72                                |
|                        | 08/31/00           | 3,604.44                       | ND                      | 17.44                 | 0.00                 | 3,587.00                                |
|                        | 12/18/00           | 3,604.44                       | ND                      | 17.58                 | 0.00                 | 3,586.86                                |
|                        | 03/13/01           | 3,604.44                       | ND                      | 17.55                 | 0.00                 | 3,586.89                                |
|                        | 05/30/01           | 3,604.44                       | ND                      | 17.58                 | 0.00                 | 3,586.86                                |
|                        | 09/12/01           | 3,604.44                       | ND                      | 17.70                 | 0.00                 | 3,586.74                                |
|                        | 11/17/01           | 3,604.44                       | ND                      | 17.69                 | 0.00                 | 3,586.75                                |
|                        | 02/12/02           | 3,604.44                       | ND                      | 17.67                 | 0.00                 | 3,586.77                                |
|                        | 05/15/02           | 3,604.44                       | ND                      | 17.68                 | 0.00                 | 3,586.76                                |
|                        | 09/12/02           | 3,604.44                       | ND                      | 17.72                 | 0.00                 | 3,586.72                                |
|                        | 11/18/02           | 3,604.44                       | ND                      | 17.56                 | 0.00                 | 3,586.88                                |
|                        | 02/17/03           | 3,604.44                       | ND                      | 17.66                 | 0.00                 | 3,586.78                                |
|                        | 05/19/03           | 3,604.44                       | ND                      | 17.79                 | 0.00                 | 3,586.65                                |
|                        | 08/25/03           | 3,604.44                       | ND                      | 17.91                 | 0.00                 | 3,586.53                                |
|                        | 11/21/03           | 3,604.44                       | ND                      | 17.94                 | 0.00                 | 3,586.50                                |
| MW 7                   | 01/17/00           | 3,607.38                       | 20.25                   | 20.30                 | 0.05                 | 3,587.12                                |
|                        | 04/10/00           | 3,607.38                       | 20.36                   | 20.41                 | 0.05                 | 3,587.01                                |
|                        | 08/31/00           | 3,607.38                       | 19.99                   | 19.99                 | Sheen                | 3,587.39                                |
|                        | 09/14/00           | 3,607.38                       | 20.01                   | 20.01                 | Sheen                | 3,587.37                                |
|                        | 09/20/00           | 3,607.38                       | 20.03                   | 20.03                 | Sheen                | 3,587.35                                |
|                        | 09/27/00           | 3,607.38                       | 20.04                   | 20.04                 | Sheen                | 3,587.34                                |

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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</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 - 7                 | 10/04/00           | 3,607.38                       | 20.07                   | 20.07                 | Sheen                | 3,587.31                                |
|                        | 12/18/00           | 3,607.38                       | 20.16                   | 20.16                 | Sheen                | 3,587.22                                |
|                        | 03/13/01           | 3,607.38                       | 20.20                   | 20.20                 | Sheen                | 3,587.18                                |
|                        | 05/30/01           | 3,607.38                       | 20.21                   | 20.21                 | Sheen                | 3,587.17                                |
|                        | 09/12/01           | 3,607.38                       | 20.03                   | 20.03                 | Sheen                | 3,587.35                                |
|                        | 11/17/01           | 3,607.38                       | 20.27                   | 20.27                 | Sheen                | 3,587.11                                |
|                        | 02/12/02           | 3,607.38                       | 20.30                   | 20.30                 | Sheen                | 3,587.08                                |
|                        | 03/18/02           | 3,607.38                       | 20.42                   | 20.42                 | Sheen                | 3,586.96                                |
|                        | 03/28/02           | 3,607.38                       | 20.33                   | 20.33                 | Sheen                | 3,587.05                                |
|                        | 04/03/02           | 3,607.38                       | 20.31                   | 20.31                 | Sheen                | 3,587.07                                |
|                        | 04/12/02           | 3,607.38                       | 20.31                   | 20.31                 | Sheen                | 3,587.07                                |
|                        | 04/16/02           | 3,607.38                       | 20.32                   | 20.32                 | Sheen                | 3,587.06                                |
|                        | 05/03/02           | 3,607.38                       | 20.32                   | 20.32                 | Sheen                | 3,587.06                                |
|                        | 05/10/02           | 3,607.38                       | 20.32                   | 20.32                 | Sheen                | 3,587.06                                |
|                        | 05/15/02           | 3,607.38                       | 20.35                   | 20.35                 | Sheen                | .587.03                                 |
|                        | 05/24/02           | 3,607.38                       | 20.41                   | 20.41                 | Sheen                | 3,586.97                                |
|                        | 06/10/02           | 3,607.38                       | 20.48                   | 20.48                 | Sheen                | 3,586.90                                |
|                        | 06/12/02           | 3,607.38                       | 20.37                   | 20.37                 | Sheen                | 3,587.01                                |
|                        | 06/19/02           | 3,607.38                       | 20.28                   | 20.28                 | Sheen                | 3,587.10                                |
|                        | 07/03/02           | 3,607.38                       | 20.38                   | 20.38                 | Sheen                | 3,587.00                                |
|                        | 07/11/02           | 3,607.38                       | 20.37                   | 20.37                 | Sheen                | 3,587.01                                |
|                        | 07/16/02           | 3,607.38                       | 20.24                   | 20.24                 | Sheen                | 3,587.14                                |
|                        | 08/21/02           | 3,607.38                       | 20.27                   | 20.27                 | Sheen                | 3,587.11                                |
|                        | 08/27/02           | 3,607.38                       | 20.30                   | 20.30                 | Sheen                | 3,587.08                                |
|                        | 09/05/02           | 3,607.38                       | 20.34                   | 20.34                 | Sheen                | 3,587.04                                |
|                        | 09/12/02           | 3,607.38                       | 20.37                   | 20.37                 | Sheen                | 3,587.01                                |
|                        | 10/08/02           | 3,607.38                       | 20.43                   | 20.43                 | Sheen                | 3,586.95                                |
|                        | 10/31/02           | 3,607.38                       | 20.43                   | 20.43                 | Sheen                | 3,586.95                                |
|                        | 11/06/02           | 3,607.38                       | 20.12                   | 20.12                 | Sheen                | 3,587.26                                |
|                        | 11/18/02           | 3,607.38                       | 20.22                   | 20.22                 | Sheen                | 3,587.16                                |
|                        | 01/07/03           | 3,607.38                       | 20.29                   | 20.29                 | Sheen                | 3,587.09                                |
|                        | 01/10/03           | 3,607.38                       | 20.28                   | 20.28                 | Sheen                | 3,587.10                                |
|                        | 02/17/03           | 3,607.38                       | ND                      | 20.35                 | 0.00                 | 3,587.03                                |
|                        | 04/02/03           | 3,607.38                       | 20.41                   | 20.41                 | Sheen                | 3,586.97                                |
|                        | 04/16/03           | 3,607.38                       | 20.46                   | 20.46                 | Sheen                | 3,586.92                                |
|                        | 05/19/03           | 3,607.38                       | ND                      | 20.45                 | 0.00                 | 3,586.93                                |

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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</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 - 7                 | 06/10/03           | 3,607.38                       | 22.59                   | 22.59                 | Sheen                | 3,584.79                                |
|                        | 06/25/03           | 3,607.38                       | 20.66                   | 20.66                 | Sheen                | 3,586.72                                |
|                        | 07/10/03           | 3,607.38                       | 20.69                   | 20.69                 | Sheen                | 3,586.69                                |
|                        | 08/05/03           | 3,607.38                       | 20.76                   | 20.76                 | Sheen                | 3,586.62                                |
|                        | 08/25/03           | 3,607.38                       | 20.61                   | 20.66                 | 0.05                 | 3,586.76                                |
|                        | 09/08/03           | 3,607.38                       | 20.91                   | 20.98                 | 0.07                 | 3,586.46                                |
|                        | 09/30/03           | 3,607.38                       | 20.65                   | 20.77                 | 0.12                 | 3,586.71                                |
|                        | 11/11/03           | 3,607.38                       | 21.04                   | 21.06                 | 0.02                 | 3,586.34                                |
|                        | 11/21/03           | 3,607.38                       | 20.74                   | 20.76                 | 0.02                 | 3,586.64                                |
|                        | 12/08/03           | 3,607.38                       | 20.75                   | 20.75                 | Sheen                | 3,586.63                                |
|                        | 12/31/03           | 3,607.38                       | 20.60                   | 20.61                 | 0.01                 | 3,586.78                                |
| MW - 8                 | 01/17/00           | 3,607.99                       | ND                      | 20.55                 | 0.00                 | 3,587.44                                |
|                        | 04/10/00           | 3,607.99                       | ND                      | 20.68                 | 0.00                 | 3,587.31                                |
|                        | 08/31/00           | 3,607.99                       | ND                      | 20.26                 | 0.00                 | 3,587.73                                |
|                        | 12/18/00           | 3,607.99                       | ND                      | 20.46                 | 0.00                 | 3,587.53                                |
|                        | 03/13/01           | 3,607.99                       | ND                      | 20.46                 | 0.00                 | 3,587.53                                |
|                        | 05/30/01           | 3,607.99                       | ND                      | 20.46                 | 0.00                 | 3,587.53                                |
|                        | 09/12/01           | 3,607.99                       | ND                      | 20.63                 | 0.00                 | 3,587.36                                |
|                        | 11/17/01           | 3,607.99                       | ND                      | 20.64                 | 0.00                 | 3,587.35                                |
|                        | 02/12/02           | 3,607.99                       | ND                      | 20.68                 | 0.00                 | 3,587.31                                |
|                        | 05/15/02           | 3,607.99                       | ND                      | 20.62                 | 0.00                 | 3,587.37                                |
|                        | 09/12/02           | 3,607.99                       | ND                      | 20.68                 | 0.00                 | 3,587.31                                |
|                        | 11/18/02           | 3,607.99                       | ND                      | 20.51                 | 0.00                 | 3,587.48                                |
|                        | 02/17/03           | 3,607.99                       | ND                      | 20.64                 | 0.00                 | 3,587.35                                |
|                        | 05/19/03           | 3,607.99                       | ND                      | 20.70                 | 0.00                 | 3,587.29                                |
|                        | 08/25/03           | 3,607.99                       | ND                      | 20.93                 | 0.00                 | 3,587.06                                |
|                        | 11/21/03           | 3,607.99                       | ND                      | 20.93                 | 0.00                 | 3,587.06                                |
|                        |                    |                                |                         |                       |                      |                                         |

*Elevations based on the North America Vertical Datum of 1929.*

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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT #LI2064**

*All Concentrations are reported in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Methods: SW 846-8021B, 5030 |         |               |                |          |
|-----------------|-------------|-----------------------------|---------|---------------|----------------|----------|
|                 |             | BENZENE                     | TOLUENE | ETHYL-BENZENE | m, p - XYLENES | o-XYLENE |
| MW-1            | 09/10/99    | 0.090                       | 0.006   | 0.016         | 0.010          | 0.004    |
|                 | 01/17/00    | 0.153                       | 0.008   | 0.044         | 0.016          | 0.006    |
|                 | 04/10/00    | 0.059                       | 0.003   | 0.002         | 0.003          | 0.002    |
|                 | 08/31/00    | 0.132                       | 0.002   | <0.001        | 0.001          | 0.001    |
|                 | 12/18/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 03/13/01    | 0.005                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/30/01    | 0.201                       | <0.001  | <0.001        | <0.001         |          |
|                 | 09/12/01    | 0.184                       | 0.010   | 0.027         | 0.021          | 0.008    |
|                 | 11/17/01    | 0.044                       | 0.001   | <0.001        | 0.001          | 0.002    |
|                 | 02/12/02    | 0.069                       | 0.004   | 0.017         | 0.015          | 0.005    |
|                 | 05/15/02    | 0.095                       | 0.005   | 0.027         | 0.020          | 0.005    |
|                 | 09/12/02    | 0.259                       | 0.005   | 0.017         | 0.013          | 0.004    |
|                 | 11/18/02    | 0.010                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/17/03    | 0.003                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/19/03    | 0.060                       | 0.002   | 0.033         | 0.014          | 0.003    |
|                 | 08/25/03    | 0.076                       | 0.001   | 0.028         | 0.011          | 0.003    |
|                 | 11/21/03    | 0.145                       | 0.004   | 0.080         | 0.025          | 0.006    |
| MW - 2          | 09/10/99    | 0.017                       | 0.003   | 0.001         | <0.001         | <0.001   |
|                 | 01/17/00    | 0.002                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 04/10/00    | 0.011                       | 0.004   | 0.001         | 0.002          | 0.001    |
|                 | 08/31/00    | 0.107                       | 0.005   | 0.006         | <0.001         | <0.001   |
|                 | 12/18/00    | 0.003                       | <0.001  | <0.001        | <0.001         | <0.002   |
|                 | 03/13/01    | 0.006                       | <0.001  | <0.001        | <0.001         | <0.002   |
|                 | 05/30/01    | 0.005                       | <0.001  | <0.001        | <0.001         |          |
|                 | 09/12/01    | 0.033                       | 0.003   | 0.003         | 0.001          | <0.001   |
|                 | 11/17/01    | 0.020                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/12/02    | 0.020                       | 0.001   | 0.002         | 0.001          | <0.001   |
|                 | 05/15/02    | 0.039                       | 0.003   | 0.006         | 0.002          | <0.001   |
|                 | 09/12/02    | 0.046                       | 0.001   | 0.002         | 0.001          | <0.001   |
|                 | 11/18/02    | 0.006                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/17/03    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/19/03    | 0.008                       | <0.001  | <0.001        | <0.001         | <0.001   |
| MW - 3          | 08/25/03    | 0.050                       | 0.006   | 0.010         | 0.011          | 0.004    |
|                 | 11/21/03    | 0.192                       | 0.014   | 0.026         | 0.011          | 0.003    |
|                 | 09/10/99    | 0.032                       | 0.003   | 0.001         | <0.001         | <0.001   |
|                 | 01/17/00    | 0.005                       | 0.002   | <0.001        | 0.002          | <0.001   |
|                 | 04/10/00    | 0.033                       | 0.005   | 0.003         | 0.003          | 0.002    |
|                 | 08/31/00    | 0.029                       | <0.001  | 0.001         | <0.001         | <0.001   |
|                 | 12/18/00    | 0.028                       | 0.002   | 0.001         | <0.001         | <0.001   |
|                 | 03/13/01    | 0.004                       | <0.001  | <0.001        | <0.001         | <0.001   |



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

**LINK ENERGY**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT #LI2064**

*All Concentrations are reported in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Methods: SW 846-8021B, 5030 |         |               |                |          |
|-----------------|-------------|-----------------------------|---------|---------------|----------------|----------|
|                 |             | BENZENE                     | TOLUENE | ETHYL-BENZENE | m, p - XYLENES | o-XYLENE |
| MW - 3          | 05/30/01    | 0.096                       | <0.001  | <0.001        | <0.001         |          |
|                 | 09/12/01    | 0.008                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 11/17/01    | 0.005                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/12/02    | 0.137                       | 0.011   | 0.020         | 0.010          | 0.001    |
|                 | 05/15/02    | 0.022                       | 0.001   | 0.002         | <0.001         | <0.001   |
|                 | 09/12/02    | 0.019                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 11/18/02    | 0.008                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/17/03    | 0.015                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/19/03    | 0.014                       | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 08/25/03    | 0.053                       | <0.001  | 0.010         | 0.006          | <0.001   |
|                 | 11/21/03    | 0.409                       | 0.045   | 0.091         | 0.055          | 0.010    |
| MW - 4          | 09/10/99    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 01/17/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 04/10/00    | <0.001                      | <0.001  | <0.001        | 0.001          | <0.001   |
|                 | 08/31/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 12/18/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 03/13/01    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/30/01    | <0.001                      | <0.001  | <0.001        | <0.001         |          |
|                 | 09/12/01    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 11/17/01    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/12/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/15/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 09/12/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 11/18/02    | <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          | 09/10/99    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 01/17/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 04/10/00    | <0.001                      | <0.001  | <0.001        | 0.001          | <0.001   |
|                 | 08/31/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 12/18/00    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 03/13/01    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/30/01    | 0.005                       | <0.001  | <0.001        | <0.001         |          |
|                 | 09/12/01    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 11/17/01    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 02/12/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 05/15/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 09/12/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |
|                 | 11/18/02    | <0.001                      | <0.001  | <0.001        | <0.001         | <0.001   |

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

**LINK ENERGY  
MONUMENT 17  
LEA COUNTY, NEW MEXICO  
ETGI PROJECT #LI2064**

*All Concentrations are reported in mg/L*

| SAMPLE<br>LOCATION | SAMPLE<br>DATE | Methods: SW 846-8021B, 5030 |         |                   |                   |              |
|--------------------|----------------|-----------------------------|---------|-------------------|-------------------|--------------|
|                    |                | BENZENE                     | TOLUENE | ETHYL-<br>BENZENE | m, p -<br>XYLENES | o-<br>XYLENE |
| MW - 8             | 08/25/03       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 11/21/03       | 0.005                       | <0.001  | 0.002             | <0.002            | <0.001       |
| EB -1              | 08/31/00       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 12/18/00       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 03/13/01       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 05/30/01       | <0.001                      | <0.001  | <0.001            | <0.001            |              |
|                    | 09/12/01       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 11/17/01       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 02/12/02       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 05/15/02       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 09/12/02       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    | 11/18/02       | <0.001                      | <0.001  | <0.001            | <0.001            | <0.001       |
|                    |                |                             |         |                   |                   |              |

*Note: m, p and o Xylenes combined when analyzed by Trace Laboratories, Inc. only.*

*Note: EB denotes Equipment Blank collected during the sampling event.*

## APPENDICES

**Appendix A**  
**Laboratory Reports**

# QUALITYSYS

# FILE

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#:** 138325 **Report Date:** 01/15/03  
**Project ID:** Monument 17 EO 2064  
**Sample Name:** MW 7  
**Sample Matrix:** water  
**Date Received:** 01/14/2003 **Time:** 15:00  
**Date Sampled:** 01/10/2003 **Time:** 09:45

## REPORT OF ANALYSIS

## QUALITY ASSURANCE DATA 1

| 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 | ---    |       | ---              |       | 01/15/03 | 8260b               | ---                     | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 01/15/03 | 8260b               | ---                     | 15.1               | 107.9               | 92.6             | 91.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 01/15/03 | 8260b               | ---                     | 3.1                | 119                 | 114.6            | 111.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 01/15/03 | 8260b               | ---                     | 3                  | 109.5               | 105.3            | 101.6            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 01/15/03 | 8260b               | ---                     | 3.1                | 117.6               | 111.7            | 110              |
| Toluene                      | <1     | µg/L  | 1                | <1    | 01/15/03 | 8260b               | ---                     | 14.9               | 112.3               | 95.4             | 95.2             |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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



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

|                                                            |                                                      |                                                 |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Camille Reynolds | Project ID: Monument 17 EO 2064<br>Sample Name: MW 7 | Report#/Lab ID#: 138325<br>Sample Matrix: water |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limitse | Data Qualifiers |
|-----------------------|--------|----------|------------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94       | 80-120           | ---             |
| Toluene-d8            | 8260b  | 97.4     | 88-110           | ---             |

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



# שילוב

Bill to (if different):

4221 Freidrich Lane, Suite 100, Austin, TX 78711  
(512) 444 5896

City *if applicable* State *if applicable* Zip *if applicable*

### Analyses Requested (1)

Please attach explanatory information as required.

**Rush Status (must be confirmed with lab mgr.):** \_\_\_\_\_

Project Name/PO#: Wish. and 17 Sampler: Marcel Cumbo

Comments

Rush Fragments

BTX

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 in accordance with the appropriate standards (NIST, NIOSH, EPA, etc.). 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 by the client, ASI will default to Property Technology Inc.'s (PTI) list as ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 3.3°C

| Sample Relinquished By |             |         | Sample Received By |             |         |
|------------------------|-------------|---------|--------------------|-------------|---------|
| Name                   | Affiliation | Date    | Name               | Affiliation | Date    |
| John L. Carter         | I. C. I.    | 1/13/03 | William Thompson   | B.S.I       | 1/14/03 |

7-72  
 Tending of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.

# FILE

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

**QUALITYSYS**

Client: Environmental Tech Group  
Attn: Carnille Reynolds  
Address: 2540 W. Marland  
Hobbs NM 88240

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

Report#/Lab ID#: 139972 Report Date: 03/05/03  
Project ID: EO 2064  
Sample Name: WEM1721703MW-1  
Sample Matrix: water  
Date Received: 02/28/2003 Time: 14:30  
Date Sampled: 02/17/2003 Time: 08:00

## REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 03/03/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 3.21   | 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               | ---                    | 1.1                | 105.6               | 110.5            | 113.9            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 03/03/03 | 8260b               | J                      | 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            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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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: Camille Reynolds

Project ID: EO 2064  
Sample Name: WEM1721703MW-1

Report#/Lab ID#: 139972  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 101      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 108      | 88-110         | ---             |

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

### Exceptions Report:

Report #/Lab ID#: 139972 Matrix: water

Client: Environmental Tech Group

Project ID: EO 2064

Sample Name: WEM1721703MW-1

Attn: Camille Reynolds

### 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                      |
|-------------|--------|------------------------------|
| m,p-Nylenes | 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#: 139973 Report Date: 03/05/03  
Project ID: EO 2064  
Sample Name: WEM1721703MW-2  
Sample Matrix: water  
Date Received: 02/28/2003 Time: 14:30  
Date Sampled: 02/17/2003 Time: 08:30

#### 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 03/03/03 | 8260b               |                        | ---                | ---                 | ---              | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 03/03/03 | 8260b               | J                      | 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            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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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: Camille Reynolds

Project ID: EO 2064

Sample Name: WEM1721703MW-2

Report#/Lab ID#: 139973

Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94.7     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 94.1     | 88-110         | ---             |

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

## Exceptions Report:

Report #/Lab ID#: 139973 Matrix: water  
Client: Environmental Tech Group Attn: Camille Reynolds  
Project ID: EO 2064  
Sample Name: WEM1721703MW-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).

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☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:





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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:** Camille Reynolds

**Address:** 2540 W. Marland

Hobbs

NM 88240

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

**Report# / Lab ID#:** 139974 **Report Date:** 03/05/03

**Project ID:** EO 2064

**Sample Name:** WEM1721703MW-3

**Sample Matrix:** water

**Date Received:** 02/28/2003 **Time:** 14:30

**Date Sampled:** 02/17/2003 **Time:** 09:00

#### 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 | ---    |       | ---              |       | 03/03/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 15     | 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               | J                      | 7.2                | 109.6               | 99               | 98.9             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 03/03/03 | 8260b               | J                      | 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               | J                      | 3.5                | 101.8               | 104.3            | 110.3            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

|                                  |                             |                         |
|----------------------------------|-----------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: EO 2064         | Report#/Lab ID#: 139974 |
| Attn: Camille Reynolds           | Sample Name: WEM1721703MW-3 | Sample Matrix: water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 100      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 93.5     | 88-110         | ---             |

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

## Exceptions Report:

Report #/Lab ID#: 139974 Matrix: water Attn: Camille Reynolds  
Client: Environmental Tech Group  
Project ID: EO 2064  
Sample Name: WEM1721703MW-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. |
| m,p-Xylenes  | J      | See J-flag discussion above. |
| Toluene      | J      | See J-flag discussion above. |

### Notes:



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

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

Report#/Lab ID#: 139975 Report Date: 03/05/03  
Project ID: EO 2064  
Sample Name: WEM1721703MW-4  
Sample Matrix: water  
Date Received: 02/28/2003 Time: 14:30  
Date Sampled: 02/17/2003 Time: 09:30

#### 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles 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            |

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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 2064

Sample Name: WEM1721703MW-4

Report#/Lab ID#: 139975

Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 95.4     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 96.5     | 88-110         | ---             |

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



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

Client: Environmental Tech Group  
Attn: Carrille Reynolds  
Address: 2540 W. Marland  
Hobbs

NM 88240

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

Report#/Lab ID#: 139976 Report Date: 03/05/03

Project ID: EO 2064

Sample Name: WEM1721703MW-5

Sample Matrix: water

Date Received: 02/28/2003 Time: 14:30

Date Sampled: 02/17/2003 Time: 10:00

#### 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 | ---    |       | ---              |       | 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            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064

Sample Name: WEM1721703MW-5

Report#/Lab ID#: 139976  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 111      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 108      | 88-110         | ---             |

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds  
Address: 2540 W. Marland  
Hobbs NM 88240

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

Report#/Lab ID#: 139977 Report Date: 03/05/03  
Project ID: EO 2064  
Sample Name: WEM1721703MW-6  
Sample Matrix: water  
Date Received: 02/28/2003 Time: 14:30  
Date Sampled: 02/17/2003 Time: 10:30

#### 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 | ---    |       | ---              |       | 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            |

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

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*Richard Laster*

Richard Laster

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QMS

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 2064  
Sample Name: WEM1721703MW-6

Report#/Lab ID#: 139977  
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  | 109      | 88-110         | ---             |

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



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(512) 385-5886 • FAX (512) 385-7411

**Client:** Environmental Tech Group

**Attn:** Camille Reynolds

**Address:** 2540 W. Marland

Hobbs

NM 88240

**Phone:** 505 397-4882

**FAX:** 505 397-4701

**Report#/Lab ID#:** 139978 **Report Date:** 03/05/03

**Project ID:** EO 2064

**Sample Name:** WEM1721703MW-7

**Sample Matrix:** water

**Date Received:** 02/28/2003 **Time:** 14:30

**Date Sampled:** 02/17/2003 **Time:** 11:00

#### 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 | ---    |       | ---              |       | 03/03/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 1.03   | 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            |

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

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Richard Laster

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|                                  |                             |                         |
|----------------------------------|-----------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: EO 2064         | Report#/Lab ID#: 139978 |
| Attn: Camille Reynolds           | Sample Name: WEMI721703MW-7 | Sample Matrix: water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 93.8     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 98.8     | 88-110         | ---             |

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



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(512) 385-5886 • FAX (512) 385-7411

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds  
**Address:** 2540 W. Marland  
Hobbs NM 88240

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

**Report#/Lab ID#:** 139979 **Report Date:** 03/05/03  
**Project ID:** EO 2064  
**Sample Name:** WEM1721703MW-8  
**Sample Matrix:** water  
**Date Received:** 02/28/2003 **Time:** 14:30  
**Date Sampled:** 02/17/2003 **Time:** 11:30

#### 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 | ---    |       | ---              |       | 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            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

|                                                            |                                                    |                                                 |
|------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Camille Reynolds | Project ID: EO 2064<br>Sample Name: WEM1721703MW-8 | Report#/Lab ID#: 139979<br>Sample Matrix: water |
|------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 83.1     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 105      | 88-110         | ---             |

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

כ'טבת ה'תשנ"א

3505

**Bill to (if different),**

Company Name EAH

## Address

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

ATTN:

Phone \_\_\_\_\_ Fax \_\_\_\_\_

---

✓

### Analyses Requested (1)

Please attach explanatory information as required.

| Client Sample No.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water | Waste | Lab I.D. #<br>(Lab only) | Comments |
|-------------------------------------------------|-----------------|-----------------|----------------------|------|-------|-------|--------------------------|----------|
| WE M17 21703 MW-1                               | 2-17-03         | 8:00            | 2                    |      | X     |       | 139972                   |          |
| WE M17 21703 MW-2                               | 2-17-03         | 8:30            | 2                    |      | X     |       | 139973                   |          |
| WE M17 21703 MW-3                               | 2-17-03         | 9:00            | 2                    |      | X     |       | 139974                   |          |
| WE M17 21703 MW-4                               | 2-17-03         | 9:30            | 2                    |      | X     |       | 139975                   |          |
| WE M17 21703 MW-5                               | 2-17-03         | 10:00           | 2                    |      | X     |       | 139976                   |          |
| WE M17 21703 MW-6                               | 2-17-03         | 10:30           | 2                    |      | X     |       | 139977                   |          |
| WE M17 21703 MW-7                               | 2-17-03         | 11:00           | 2                    |      | X     |       | 139978                   |          |
| WE M17 21703 MW-8                               | 2-17-03         | 11:30           | 2                    |      | X     |       | 139979                   |          |

(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 Polymers on ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

$$T = 5.6^{\circ}\text{C}$$

| Sample Relinquished By |             |                | Sample Received By       |             |                |
|------------------------|-------------|----------------|--------------------------|-------------|----------------|
| Name                   | Affiliation | Date           | Name                     | Affiliation | Date           |
| <i>J. B. Fied</i>      | <i>ETGI</i> | <i>2-17-03</i> | <i>Michelle Humphrey</i> | <i>ASI</i>  | <i>2/28/03</i> |
|                        |             |                |                          |             | <i>14:30</i>   |

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

FILE

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#: 142956 Report Date: 05/30/03  
Project ID: EO 2064  
Sample Name: MW-1  
Sample Matrix: water  
Date Received: 05/21/2003 Time: 09:50  
Date Sampled: 05/19/2003 Time: 09:30

#### REPORT OF ANALYSIS

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 05/27/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | 59.7   | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.9                | 84.7                | 90               | 74.1             |
| Ethylbenzene                  | 33     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 0.3                | 99.4                | 98.7             | 100.2            |
| m,p-Xylenes                   | 13.5   | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.5                | 114.1               | 111              | 115.6            |
| o-Xylene                      | 3.26   | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 0.2                | 109.3               | 107.2            | 111.2            |
| Toluene                       | 1.8    | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.9                | 91.7                | 118.1            | 78.8             |

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*Richard Laster*

Richard Laster

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



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|-----------------------------------------|----------------------------|--------------------------------|
| <b>Client:</b> Environmental Tech Group | <b>Project ID:</b> EO 2064 | <b>Report#/Lab ID#:</b> 142956 |
| <b>Attn:</b> Camille Reynolds           | <b>Sample Name:</b> MW-1   | <b>Sample Matrix:</b> water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 102      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 106      | 88-110         | ---             |

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





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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#: 142957 Report Date: 05/30/03

Project ID: EO 2064

Sample Name: MW-2

Sample Matrix: water

Date Received: 05/21/2003 Time: 09:50

Date Sampled: 05/19/2003 Time: 10:00

#### REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 05/27/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 8.34   | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.9                | 84.7                | 90               | 74.1             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 0.3                | 99.4                | 98.7             | 100.2            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.5                | 114.1               | 111              | 115.6            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 0.2                | 109.3               | 107.2            | 111.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.9                | 91.7                | 118.1            | 78.8             |

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Richard Laster

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|-----------------------------------------|----------------------------|--------------------------------|
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| <b>Attn:</b> Camille Reynolds           | <b>Sample Name:</b> MW-2   | <b>Sample Matrix:</b> 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  | 107      | 88-110         | ---             |

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



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

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

**Report#/Lab ID#:** 142958 **Report Date:** 05/30/03  
**Project ID:** EO 2064  
**Sample Name:** MW-3  
**Sample Matrix:** water  
**Date Received:** 05/21/2003 **Time:** 09:50  
**Date Sampled:** 05/19/2003 **Time:** 10:30

#### REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 05/28/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 13.8   | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 3                  | 95.4                | 99               | 88.1             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 6.2                | 98.7                | 102.7            | 102.2            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 12.2               | 96.4                | 103.5            | 109.4            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 15.9               | 93.2                | 104.1            | 108.7            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 1.9                | 94.5                | 106.1            | 94.9             |

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Richard Laster

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|--------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|
| <b>Client:</b> Environmental Tech Group<br><b>Attn:</b> Camille Reynolds | <b>Project ID:</b> EO 2064<br><b>Sample Name:</b> MW-3 | <b>Report#/Lab ID#:</b> 142958<br><b>Sample Matrix:</b> water |
|--------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

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

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



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

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

**Report#/Lab ID#:** 142959 **Report Date:** 05/30/03  
**Project ID:** EO 2064  
**Sample Name:** MW-4  
**Sample Matrix:** water  
**Date Received:** 05/21/2003 **Time:** 09:50  
**Date Sampled:** 05/19/2003 **Time:** 11:00

#### REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 05/27/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 3.9                | 84.1                | 84.5             | 94               |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 0.5                | 96.9                | 99.5             | 97.5             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.3                | 102.2               | 101.3            | 102.4            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 1.6                | 101.1               | 99.7             | 99.5             |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/27/03 | 8260b               | ---                    | 5.7                | 90.6                | 92.8             | 95.4             |

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Richard Laster

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Attn: Camille Reynolds

Project ID: EO 2064  
Sample Name: MW-4

Report#/Lab ID#: 142959  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 80.9     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 100      | 88-110         | ---             |

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



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

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

**Report#/Lab ID#:** 142960 **Report Date:** 05/30/03  
**Project ID:** EO 2064  
**Sample Name:** MW-5  
**Sample Matrix:** water  
**Date Received:** 05/21/2003 **Time:** 09:50  
**Date Sampled:** 05/19/2003 **Time:** 11:30

#### REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 05/28/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 11.8               | 89.5                | 94               | 89.4             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 2                  | 92.6                | 101              | 80.3             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 0.6                | 101.7               | 110.3            | 90.4             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 2.4                | 101.1               | 106.7            | 88.1             |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/28/03 | 8260b               | ---                    | 12.3               | 95.3                | 97.9             | 94.5             |

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Richard Laster

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|--------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|
| <b>Client:</b> Environmental Tech Group<br><b>Attn:</b> Camille Reynolds | <b>Project ID:</b> EO 2064<br><b>Sample Name:</b> MW-5 | <b>Report#/Lab ID#:</b> 142960<br><b>Sample Matrix:</b> water |
|--------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 90.2     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 106      | 88-110         | ---             |

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





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**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#:** 142961 **Report Date:** 05/30/03  
**Project ID:** EO 2064  
**Sample Name:** MW-6  
**Sample Matrix:** water  
**Date Received:** 05/21/2003 **Time:** 09:50  
**Date Sampled:** 05/19/2003 **Time:** 12:00

#### REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 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             |

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*Richard Laster*

Richard Laster

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(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#:** 142962 **Report Date:** 05/30/03  
**Project ID:** EO 2064  
**Sample Name:** MW-7  
**Sample Matrix:** water  
**Date Received:** 05/21/2003 **Time:** 09:50  
**Date Sampled:** 05/19/2003 **Time:** 12:30

#### REPORT OF ANALYSIS

| Parameter                     | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | QUALITY ASSURANCE DATA <sup>1</sup> |                    |                     |                  |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|-------------------------------------|--------------------|---------------------|------------------|
|                               |        |       |                  |       |          |                     | Data Qual <sup>7</sup>              | Prec. <sup>2</sup> | Recov. <sup>3</sup> | LCS <sup>4</sup> |
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 05/29/03 | 8260b               | ---                                 | ---                | ---                 | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 05/29/03 | 8260b               | ---                                 | 3.6                | 89.9                | 94.2             |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 05/29/03 | 8260b               | ---                                 | 4.1                | 99.4                | 103.1            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 05/29/03 | 8260b               | ---                                 | 3.7                | 102.9               | 105.6            |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 05/29/03 | 8260b               | ---                                 | 2.4                | 101.7               | 102.7            |
| Toluene                       | <1     | µg/L  | 1                | <1    | 05/29/03 | 8260b               | ---                                 | 2.4                | 92.2                | 93.1             |
|                               |        |       |                  |       |          |                     |                                     |                    |                     | 94.8             |

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*Richard Laster*

Richard Laster

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|------------------------------------------------------------|------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Camille Reynolds | Project ID: EO 2064<br>Sample Name: MW-7 | Report#/Lab ID#: 142962<br>Sample Matrix: water |
|------------------------------------------------------------|------------------------------------------|-------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94       | 80-120         | ---             |
| Toluene-d8            | 8260b  | 108      | 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#: 142963 Report Date: 05/30/03  
Project ID: EO 2064  
Sample Name: MW-8  
Sample Matrix: water  
Date Received: 05/21/2003 Time: 09:50  
Date Sampled: 05/19/2003 Time: 13:00

#### 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles 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             |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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



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(512) 385-5886 • FAX (512) 385-7411

|                                         |                            |                                |
|-----------------------------------------|----------------------------|--------------------------------|
| <b>Client:</b> Environmental Tech Group | <b>Project ID:</b> EO 2064 | <b>Report#/Lab ID#:</b> 142963 |
| <b>Attn:</b> Camille Reynolds           | <b>Sample Name:</b> MW-8   | <b>Sample Matrix:</b> water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 100      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 104      | 88-110         | ---             |

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

# CHAIN-OF-CUSTODY

WWW.ANALYSYSINC.COM



3512 Montopolis Drive, Austin, TX 78744  
Phone: (512) 385-5886 Fax: (512) 385-7411  
2209 N.P.L.D., Ste K, Corpus Christi, TX 78401  
Phone: (361) 289-6384 Fax: (361) 289-0875

## Send Reports To:

Company Name Environmental Technology, Shreve Inc.

Address 2540 W. Riverland

City Hobbs State N.M. Zip 88240

ATTN: Carmille Reynolds

Phone (505) 397-4882 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: EO 2064 Sampler: Justin Frisk

## Bill to (if different):

Company Name Earth

Address

City State Zip

ATTN:

Phone Fax

## Analyses Requested (1)

Please attach explanatory information as require

| Client Sample No.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water | Waste | Lab I.D. #<br>(Lab only) | Comments |
|-------------------------------------------------|-----------------|-----------------|----------------------|------|-------|-------|--------------------------|----------|
| MW-1                                            | 5-19-03         | 9:30            | 2                    |      | X     |       | 142956                   |          |
| MW-2                                            | 5-19-03         | 10:00           | 2                    |      | X     |       | 142957                   |          |
| MW-3                                            | 5-19-03         | 10:30           | 2                    |      | X     |       | 142958                   |          |
| MW-4                                            | 5-19-03         | 11:00           | 2                    |      | X     |       | 142959                   |          |
| MW-5                                            | 5-19-03         | 11:30           | 2                    |      | X     |       | 142960                   |          |
| MW-6                                            | 5-19-03         | 12:00           | 2                    |      | X     |       | 142961                   |          |
| MW-7                                            | 5-19-03         | 12:30           | 2                    |      | X     |       | 142962                   |          |
| MW-8                                            | 5-19-03         | 1:00            | 2                    |      | X     |       | 142963                   |          |

(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 (MHL/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 BSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T=45°C

| Sample Relinquished By |             |                |      | Sample Received By |             |                |              |
|------------------------|-------------|----------------|------|--------------------|-------------|----------------|--------------|
| Name                   | Affiliation | Date           | Time | Name               | Affiliation | Date           | Time         |
| <u>ETGI</u>            | <u>ETGI</u> | <u>5-19-03</u> |      | <u>E. L. Smith</u> | <u>ASZ</u>  | <u>5-21-03</u> | <u>09:50</u> |

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

# FILE

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#:** 146594 **Report Date:** 09/03/03

**Project ID:** EO 2064 Mon.17

**Sample Name:** MW-1

**Sample Matrix:** water

**Date Received:** 08/26/2003 **Time:** 12:00

**Date Sampled:** 08/25/2003 **Time:** 09:30

## REPORT OF ANALYSIS

## QUALITY ASSURANCE DATA

| 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 | ---    |       | ---              |       | 08/29/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 75.6   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 10.2               | 95.8                | 89               | 87               |
| Ethylbenzene                 | 27.7   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 0.8                | 111.7               | 113.1            | 110.4            |
| m,p-Xylenes                  | 11.2   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 4.9                | 108.3               | 108.8            | 109.5            |
| o-Xylene                     | 3.41   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 2.3                | 110                 | 110.4            | 110.2            |
| Toluene                      | 1.18   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 8                  | 98.1                | 90.4             | 89.4             |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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010145

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|                                  |                            |                         |
|----------------------------------|----------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: EO 2064 Mon.17 | Report#/Lab ID#: 146594 |
| 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  | 97.9     | 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#**/Lab ID#: 146595 **Report Date:** 09/03/03  
**Project ID:** EO 2064 Mon.17  
**Sample Name:** MW-2  
**Sample Matrix:** water  
**Date Received:** 08/26/2003 **Time:** 12:00  
**Date Sampled:** 08/25/2003 **Time:** 10:00

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

# REPORT OF ANALYSIS

## QUALITY ASSURANCE DATA

| 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 | ---    |       | ---              |       | 08/29/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 49.8   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 10.2               | 95.8                | 89               | 87               |
| Ethylbenzene                 | 10.1   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 0.8                | 111.7               | 113.1            | 110.4            |
| m,p-Xylenes                  | 11     | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 4.9                | 108.3               | 108.8            | 109.5            |
| o-Xylene                     | 3.75   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 2.3                | 110                 | 110.4            | 110.2            |
| Toluene                      | 5.8    | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 8                  | 98.1                | 90.4             | 89.4             |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon.17  
Sample Name: MW-2

Report#/Lab ID#: 146595  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 108      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 109      | 88-110         | ---             |

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

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**Report#**/Lab ID#: 146596 **Report Date:** 09/03/03  
**Project ID:** EO 2064 Mon.17  
**Sample Name:** MW-3  
**Sample Matrix:** water  
**Date Received:** 08/26/2003 **Time:** 12:00  
**Date Sampled:** 08/25/2003 **Time:** 10:30

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

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

## 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 | ---    |       | ---              |       | 08/29/03 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 53.2   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 10.2               | 95.8                | 89               | 87               |
| Ethylbenzene                 | 9.65   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 0.8                | 111.7               | 113.1            | 110.4            |
| m,p-Xylenes                  | 5.72   | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 4.9                | 108.3               | 108.8            | 109.5            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 08/29/03 | 8260b               | ---                    | 2.3                | 110                 | 110.4            | 110.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 08/29/03 | 8260b               | J                      | 8                  | 98.1                | 90.4             | 89.4             |

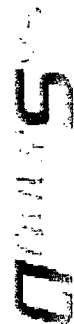
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Respectfully Submitted,

*Richard Laster*

Richard Laster

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|                                                                          |                                                               |                                                               |
|--------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| <b>Client:</b> Environmental Tech Group<br><b>Attn:</b> Camille Reynolds | <b>Project ID:</b> EO 2064 Mon.17<br><b>Sample Name:</b> MW-3 | <b>Report#/Lab ID#:</b> 146S96<br><b>Sample Matrix:</b> water |
|--------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 109      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 106      | 88-110         | ---             |

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

### Exceptions Report:

**Report #/Lab ID#:** 146596 **Matrix:** water **Attn:** Carnille Reynolds  
**Client:** Environmental Tech Group  
**Project ID:** EO 2064 Mon.17  
**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                      |
|-----------|--------|------------------------------|
| Toluene   | J      | See J-flag discussion above. |

Notes:

3512 Montopolis Drive, Austin, TX 78744 &  
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(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#: 146597 Report Date: 09/03/03

Project ID: EO 2064 Mon.17

Sample Name: MW-4

Sample Matrix: water

Date Received: 08/26/2003 Time: 12:00

Date Sampled: 08/25/2003 Time: 11:00

# REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 09/02/03 | 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            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Client: Environmental Tech Group  
Attn: Camille Reynolds

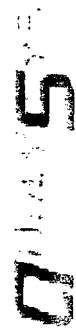
Project ID: EO 2064 Mon.17  
Sample Name: MW-4

Report#/Lab ID#: 146597  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 84.8     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 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#:** 146598 **Report Date:** 09/03/03  
**Project ID:** EO 2064 Mon.17  
**Sample Name:** MW-5  
**Sample Matrix:** water  
**Date Received:** 08/26/2003 **Time:** 12:00  
**Date Sampled:** 08/25/2003 **Time:** 11:30

**REPORT OF ANALYSIS**

**QUALITY ASSURANCE DATA 1**

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles 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            |

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Respectfully Submitted,  
*Richard Laster*  
Richard Laster

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



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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 2064 Mon.17  
Sample Name: MW-5

Report#/Lab ID#: 146598  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94.4     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 103      | 88-110         | ---             |

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

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**Report#**/Lab ID#: 146599 **Report Date:** 09/03/03  
**Project ID:** EO 2064 Mon.17  
**Sample Name:** MW-6  
**Sample Matrix:** water  
**Date Received:** 08/26/2003 **Time:** 12:00  
**Date Sampled:** 08/25/2003 **Time:** 12:00

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

# REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 09/02/03 | 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            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon.17  
Sample Name: MW-6

Report#/Lab ID#: 146S99  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 92       | 80-120         | ---             |
| Toluene-d8            | 8260b  | 103      | 88-110         | ---             |

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

**QUALITY**

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(512) 385-5886 • FAX (512) 385-7411

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

**Report#/Lab ID#:** 146600 **Report Date:** 09/03/03  
**Project ID:** EO 2064 Mon.17  
**Sample Name:** MW-8  
**Sample Matrix:** water  
**Date Received:** 08/26/2003 **Time:** 12:00  
**Date Sampled:** 08/25/2003 **Time:** 12:30

**REPORT OF ANALYSIS**

**QUALITY ASSURANCE DATA 1**

| 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 | ---    |       | ---              |       | 09/02/03 | 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            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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7/15/03

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(512) 385-5886 • FAX (512) 385-7411

|                                                            |                                                 |                                                 |
|------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Camille Reynolds | Project ID: EO 2064 Mon.17<br>Sample Name: MW-8 | Report#/Lab ID#: 146600<br>Sample Matrix: water |
|------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 95.6     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 102      | 88-110         | ---             |

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

# CHAIN-OF-CUSTODY

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Phone: (512) 385-5886 Fax: (512) 385-7411  
2209 N. P.L.D., Ste K, Corpus Christi, TX 78408  
Phone: (361) 289-6484 Fax: (361) 289-0855

## Send Reports To:

Company Name Environmental Technology Group Inc.

Address 2230 E. 22nd St.

City Irving State TX Zip 75039

ATTN: Carroll Reynolds

Phone (972) 377-4513 Fax (972) 377-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: 200204 070217 Sampler: Justin Frank

## Bill to (if different):

Company Name ESI

Address

City State Zip

ATTN:

Phone Fax

## Analyses Requested (1)

Please attach explanatory information as requested.

| Client Sample No.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water/Waste | Lab I.D. #<br>(Lab only) | Comments |
|-------------------------------------------------|-----------------|-----------------|----------------------|------|-------------|--------------------------|----------|
| 1                                               | 8-25-03         | 9:30            | 2                    |      | X           | 146594                   |          |
| 2                                               | 8-25-03         | 10:30           | 2                    |      | X           | 146595                   |          |
| 3                                               | 8-25-03         | 10:30           | 2                    |      | X           | 146596                   |          |
| 4                                               | 8-25-03         | 11:00           | 2                    |      | X           | 146597                   |          |
| 5                                               | 8-25-03         | 11:30           | 2                    |      | X           | 146598                   |          |
| 6                                               | 8-25-03         | 12:00           | 2                    |      | X           | 146599                   |          |
| 8                                               | 8-25-03         | 12:30           | 2                    |      | X           | 146600                   |          |

(If) 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 (MDF, 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: HSE list at ASI's option. Specific compound lists must be supplied for all GC procedures.

| Sample Relinquished By |             |                | Sample Received By      |             |                |
|------------------------|-------------|----------------|-------------------------|-------------|----------------|
| Name                   | Affiliation | Date           | Name                    | Affiliation | Date           |
| <u>Justin Frank</u>    | <u>ESI</u>  | <u>8-25-03</u> | <u>Melanie Humphrey</u> | <u>ASI</u>  | <u>8/26/03</u> |
|                        |             |                |                         |             | <u>12:00</u>   |

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

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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#: 150085 Report Date: 12/08/03  
Project ID: EO 2064 Mon. 17  
Sample Name: MW-1  
Sample Matrix: water  
Date Received: 11/26/2003 Time: 17:03  
Date Sampled: 11/21/2003 Time: 15:18

#### 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 12/03/03 | 8260b(5030/5035)    | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | 145    | µg/L  | 1                | <1    | 12/03/03 | 8260b               | ---                    | 2.4                | 102.1               | 98.3             | 93.2             |
| Ethylbenzene                  | 79.5   | µg/L  | 1                | <1    | 12/03/03 | 8260b               | ---                    | 0                  | 113.7               | 113.8            | 103.9            |
| m,p-Xylenes                   | 24.5   | µg/L  | 2                | <2    | 12/03/03 | 8260b               | ---                    | 1                  | 106.3               | 108.2            | 99.2             |
| o-Xylene                      | 5.8    | µg/L  | 1                | <1    | 12/03/03 | 8260b               | ---                    | 0.4                | 111.5               | 114.5            | 102.6            |
| Toluene                       | 492    | µg/L  | 1                | <1    | 12/03/03 | 8260b               | ---                    | 3                  | 110                 | 106.5            | 98.1             |

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Respectfully Submitted,



Richard Elton

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|                                  |                             |                         |
|----------------------------------|-----------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: EO 2064 Mon. 17 | Report#/Lab ID#: 150085 |
| 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  | 98.6     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 109      | 88-110         | ---             |

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



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

**Report#**/Lab ID#: 150086 **Report Date:** 12/08/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-2  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 14:45

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

# REPORT OF ANALYSIS

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 12/04/03 | 8260b(5030/5035)    | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | 192    | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5                  | 100.4               | 99.4             | 95.6             |
| Ethylbenzene                  | 25.9   | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5.1                | 112.5               | 112.7            | 108.9            |
| m,p-Xylenes                   | 11.3   | µg/L  | 2                | <2    | 12/04/03 | 8260b               | ---                    | 5.5                | 106.7               | 105.3            | 101.4            |
| o-Xylene                      | 3.4    | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5.7                | 110.4               | 118.8            | 116              |
| Toluene                       | 11.7   | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 2.5                | 103.3               | 102.2            | 101.2            |

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Respectfully Submitted,

  
Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon. 17  
Sample Name: MW-2

Report#/Lab ID#: 150086  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 108      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 109      | 88-110         | ---             |

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

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(512) 385-5886 • FAX (512) 385-7411

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

**Report#/Lab ID#:** 150087 **Report Date:** 12/08/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-3  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 15:00

# REPORT OF ANALYSIS

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

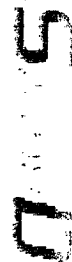
| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    |       | ---              |       | 12/04/03 | 8260b(5030/5035)    | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 409    | µg/L  | 10               | <10   | 12/06/03 | 8260b               | ---                    | 5                  | 100.4               | 99.4             | 95.6             |
| Ethylbenzene                 | 90.8   | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5.1                | 112.5               | 112.7            | 108.9            |
| m,p-Xylenes                  | 55.3   | µg/L  | 2                | <2    | 12/04/03 | 8260b               | ---                    | 5.5                | 106.7               | 105.3            | 101.4            |
| o-Xylene                     | 9.7    | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5.7                | 110.4               | 118.8            | 116              |
| Toluene                      | 44.9   | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 2.5                | 103.3               | 102.2            | 101.2            |

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Respectfully Submitted,

  
Richard Elton

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon. 17  
Sample Name: MW-3

Report#/Lab ID#: 150087  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 104      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 106      | 88-110         | ---             |

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

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(512) 385-5886 • FAX (512) 385-7411

**Report#/Lab ID#:** 150088 **Report Date:** 12/09/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-4  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 13:48

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

# REPORT OF ANALYSIS

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    | ---   | ---              | ---   | 12/05/03 | 8260b(5030/5035)    | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 2.5                | 98.6                | 101.8            | 99.6             |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 3.7                | 96.6                | 103.1            | 98.9             |
| m,p-Xylenes                   | <2     | µg/L  | 2                | <2    | 12/05/03 | 8260b               | ---                    | 1.8                | 97.3                | 103.6            | 98.1             |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 2.9                | 99.4                | 109              | 99.6             |
| Toluene                       | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 1.3                | 100.4               | 107.6            | 101.7            |

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Richard Elton

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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: Camille Reynolds

Project ID: EO 2064 Mon. 17  
Sample Name: MW-4

Report#/Lab ID#: 150088  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 82.8     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 109.7    | 88-110         | ---             |

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

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(512) 385-5886 • FAX (512) 385-7411

**Report#/Lab ID#:** 150089 **Report Date:** 12/09/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-5  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 14:00

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

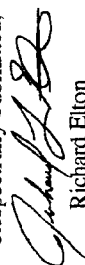
# REPORT OF ANALYSIS

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

| 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 | ---    | ---   | ---              | ---   | 12/05/03 | 8260b(5030/5035)    | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 2.5                | 98.6                | 101.8            | 99.6             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 3.7                | 96.6                | 103.1            | 98.9             |
| m,p-Xylenes                  | <2     | µg/L  | 2                | <2    | 12/05/03 | 8260b               | ---                    | 1.8                | 97.3                | 103.6            | 98.1             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | ---                    | 2.9                | 99.4                | 109              | 99.6             |
| Toluene                      | <1     | µg/L  | 1                | <1    | 12/05/03 | 8260b               | J                      | 1.3                | 100.4               | 107.6            | 101.7            |

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon. 17  
Sample Name: MW-5

Report#/Lab ID#: 150089  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 81.9     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 110.3    | 88-110         | X               |

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



## Exceptions Report:

|                                         |                      |                               |
|-----------------------------------------|----------------------|-------------------------------|
| <b>Report #/Lab ID#:</b> 150089         | <b>Matrix:</b> water | <b>Attn:</b> Camille Reynolds |
| <b>Client:</b> Environmental Tech Group |                      |                               |
| <b>Project ID:</b> EO 2064 Mon. 17      |                      |                               |
| <b>Sample Name:</b> MW-5                |                      |                               |

### 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 (ROL) 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                                                                                                                                           |
|------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Toluene    | J      | See J-flag discussion above.                                                                                                                      |
| Toluene-d8 | X      | Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices |
| Toluene-d8 | X      | (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.                  |

### Notes:

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**Report#**/Lab ID#: 150090 **Report Date:** 12/08/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-6  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 14:25

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

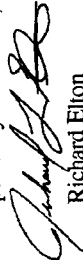
# REPORT OF ANALYSIS

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

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

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon. 17  
Sample Name: MW-6

Report#/Lab ID#: 150090  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 96.6     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 106      | 88-110         | ---             |

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

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(512) 385-5886 • FAX (512) 385-7411

**Report#**/Lab ID#: 150091 **Report Date:** 12/08/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-7  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 15:35

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

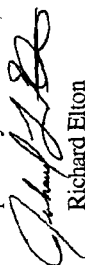
# REPORT OF ANALYSIS

## QUALITY ASSURANCE DATA 1

| Parameter                     | Result | Units | RQL 5 | Blank | Date     | Method 6         | Data Qual 7 | Prec. 2 | Recov. 3 | CCV 4 | LCS 4 |
|-------------------------------|--------|-------|-------|-------|----------|------------------|-------------|---------|----------|-------|-------|
| Volatiles organics-8260b/BTEX | ---    |       | ---   |       | 12/04/03 | 8260b(5030/5035) | ---         | ---     | ---      | ---   | ---   |
| Benzene                       | <1     | µg/L  | 1     | <1    | 12/04/03 | 8260b            | J           | 5       | 100.4    | 99.4  | 95.6  |
| Ethylbenzene                  | <1     | µg/L  | 1     | <1    | 12/04/03 | 8260b            | ---         | 5.1     | 112.5    | 112.7 | 108.9 |
| m,p-Xylenes                   | <2     | µg/L  | 2     | <2    | 12/04/03 | 8260b            | ---         | 5.5     | 106.7    | 105.3 | 101.4 |
| o-Xylene                      | <1     | µg/L  | 1     | <1    | 12/04/03 | 8260b            | ---         | 5.7     | 110.4    | 118.8 | 116   |
| Toluene                       | <1     | µg/L  | 1     | <1    | 12/04/03 | 8260b            | ---         | 2.5     | 103.3    | 102.2 | 101.2 |

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2064 Mon. 17  
Sample Name: MW-7

Report#/Lab ID#: 150091  
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  | 107      | 88-110         | ---             |

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

## Exceptions Report:

Report #/Lab ID#: 150091 Matrix: water

Client: Environmental Tech Group

Project ID: EO 2064 Mon. 17

Sample Name: MW-7

Attn: Camille Reynolds

### 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:

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(512) 385-5886 • FAX (512) 385-7411

**Report#**/Lab ID#: 150092 **Report Date:** 12/08/03  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-8  
**Sample Matrix:** water  
**Date Received:** 11/26/2003 **Time:** 17:03  
**Date Sampled:** 11/21/2003 **Time:** 14:30

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

# **REPORT OF ANALYSIS**

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 12/04/03 | 8260b(5030/5035)    | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | 5.22   | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5                  | 100.4               | 99.4             | 95.6             |
| Ethylbenzene                  | 2.25   | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5.1                | 112.5               | 112.7            | 108.9            |
| m,p-Xylenes                   | <2     | µg/L  | 2                | <2    | 12/04/03 | 8260b               | ---                    | 5.5                | 106.7               | 105.3            | 101.4            |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 12/04/03 | 8260b               | ---                    | 5.7                | 110.4               | 118.8            | 116              |
| Toluene                       | <1     | µg/L  | 1                | <1    | 12/04/03 | 8260b               | J                      | 2.5                | 103.3               | 102.2            | 101.2            |

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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 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 2064 Mon. 17  
Sample Name: MW-8

Report#/Lab ID#: 150092  
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  | 109      | 88-110         | ---             |

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



## Exceptions Report:

**Report #/Lab ID#:** 150092   **Matrix:** water  
**Client:** Environmental Tech Group  
**Project ID:** EO 2064 Mon. 17  
**Sample Name:** MW-8

**Attn:** Camille Reynolds

### 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 | Qualif | Comment                      |
|-----------|--------|------------------------------|
| Toluene   | J      | See J-flag discussion above. |

### Notes:

## CHAIN 2-CUSTODY

www.analysysinc.com

## Send Reports To:

Company Name Environmental Technology Group Inc.  
Address 2540 W. MacArthur State N.M. Zip 88240  
ATTN: Camille Reynolds  
Phone (505) 397-4882 Fax (505) 397-4701  
Project Name/PO#: 10-2064 Nov. 17 Sampler Leo Carls

## Bill To (if different):

Company Name Link  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
ATTN: \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_

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

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.<br>Description/Identification | Date Sampled | Time Sampled | No. of Containers | Shipped | Grab | Composite | Lab I.D. #<br>(Lab Only) | RUSH TAT (Pre-Scheduled) |      |     |           |             |      |                 |       |            |       | Standard TAT |      |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|                                                 |              |              |                   |         |      |           |                          | Ice                      | HNO3 | HCL | ZnAc/NaOH | H2SO4 Glass | None | Other (Specify) | Water | Wastewater | Waste |              | Soil | Other (Specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| MW-1                                            | 11-21-03     | 3:18         | 2                 |         |      |           | 150085                   | X                        | X    | X   |           |             |      |                 |       |            |       | X            |      |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

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

Temperature upon receipt (Consistent with NELAC sec. 5.11) (&gt;0-6°C)

| Sample Relinquished By  |             |                 |      | Sample Received By       |             |                 |              |
|-------------------------|-------------|-----------------|------|--------------------------|-------------|-----------------|--------------|
| Name                    | Affiliation | Date            | Time | Name                     | Affiliation | Date            | Time         |
| <u>Camille Reynolds</u> | <u>ETG</u>  | <u>11-24-03</u> |      | <u>E. L. [Signature]</u> | <u>ASL</u>  | <u>11/24/03</u> | <u>17:03</u> |
|                         |             |                 |      |                          |             |                 |              |

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

## Sample Analysis Case Narrative & Exceptions Report

Client: Environmental Tech Group Project ID: EO 2064 Mon. 17

Attn: Camille Reynolds

for Sample #'s 150085 thru 150092

Analyzed by AnalySys, Inc.

Final Review Date: 12/9/2003 By:  (R. Elton)

**OTHER:** The surrogate recovery for sample# 150089 slightly exceeded the normal limit (110.3% versus 110% limit).. This not expected to impact data quality as no constituents of concern were above quantitation limits and the high surrogate recovery indicates possible high bias.

**ANNUAL MONITORING REPORT**

1K-123

**EOTT ENERGY, LLC  
MONUMENT 17**

**SE ¼, NW ¼ OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 37 EAST  
LEA COUNTY, NEW MEXICO**

MAR 25 2003

LOS 5/6/03

**PREPARED FOR:**

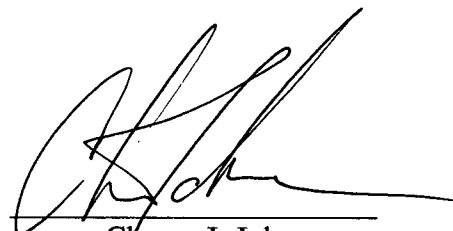
**EOTT ENERGY, LLC  
5805 EAST HIGHWAY 80  
MIDLAND, TEXAS 79701**

**PREPARED BY:**

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

**April 2003**

  
Camille Reynolds  
Project Manager

  
Chance I. Johnson  
New Mexico Regional Manager

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## **INTRODUCTION**

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

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

## **FIELD ACTIVITIES**

The site monitoring wells were gauged and sampled on February 12, May 15, September 12, and November 18, 2002. During each sampling event, the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon sampler. Water samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

## **GROUNDWATER GRADIENT**

Locations of the monitor wells and the inferred groundwater gradient, as measured on November 18, 2002, are depicted on Figure 2, the Groundwater Gradient Map. The groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from the final quarterly event of calendar year 2002 water level measurements, indicated a general gradient of approximately 0.001 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-6. The depth to groundwater, as measured from the top of the well casing, ranged between 17.56 to 22.67 feet in the shallow alluvial aquifer.

A trace amount, or sheen of PSH was detected in monitor well MW-7 during the annual monitoring period and is reflected in Table 1.

## **LABORATORY RESULTS**

Groundwater samples collected during the sampling events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. The groundwater chemistry data is provided as Table 2 and the Laboratory Reports are provided as Appendix A. Groundwater samples that exceed regulatory standards for benzene and BTEX, are indicated on Figure 3, the NMOCD Site Map.

Laboratory results obtained from analysis of the groundwater samples collected from monitor wells MW-4, MW-5, MW-6, MW-7, and MW-8 during this annual reporting period indicate that benzene and total BTEX concentrations were below NMOCD regulatory standards. Laboratory results obtained from analysis of the groundwater samples collected from monitor wells MW-1, MW-2 and MW-3 indicate that benzene concentrations exceeded the NMOCD regulatory standard while total BTEX concentrations were below NMOCD regulatory standard.

## **SUMMARY**

This report presents the results of monitoring activities for the annual monitoring period of the calendar year 2002. A sheen of PSH was detected in monitor well MW-7 during the annual reporting period. No measurable amount of PSH was recovered during this reporting period.

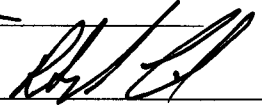
Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicate a general gradient of approximately 0.001 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-6.

Laboratory results obtained from analysis of the groundwater samples collected from monitor wells MW-4, MW-5, MW-6, MW-7, and MW-8 during this annual reporting period indicate that benzene and total BTEX concentrations were below NMOCD regulatory standards. Laboratory results obtained from analysis of the groundwater samples collected from monitor wells MW-1, MW-2 and MW-3 indicate that benzene concentrations exceeded the NMOCD regulatory standards while total BTEX concentrations were below NMOCD regulatory standards.

## DISTRIBUTION

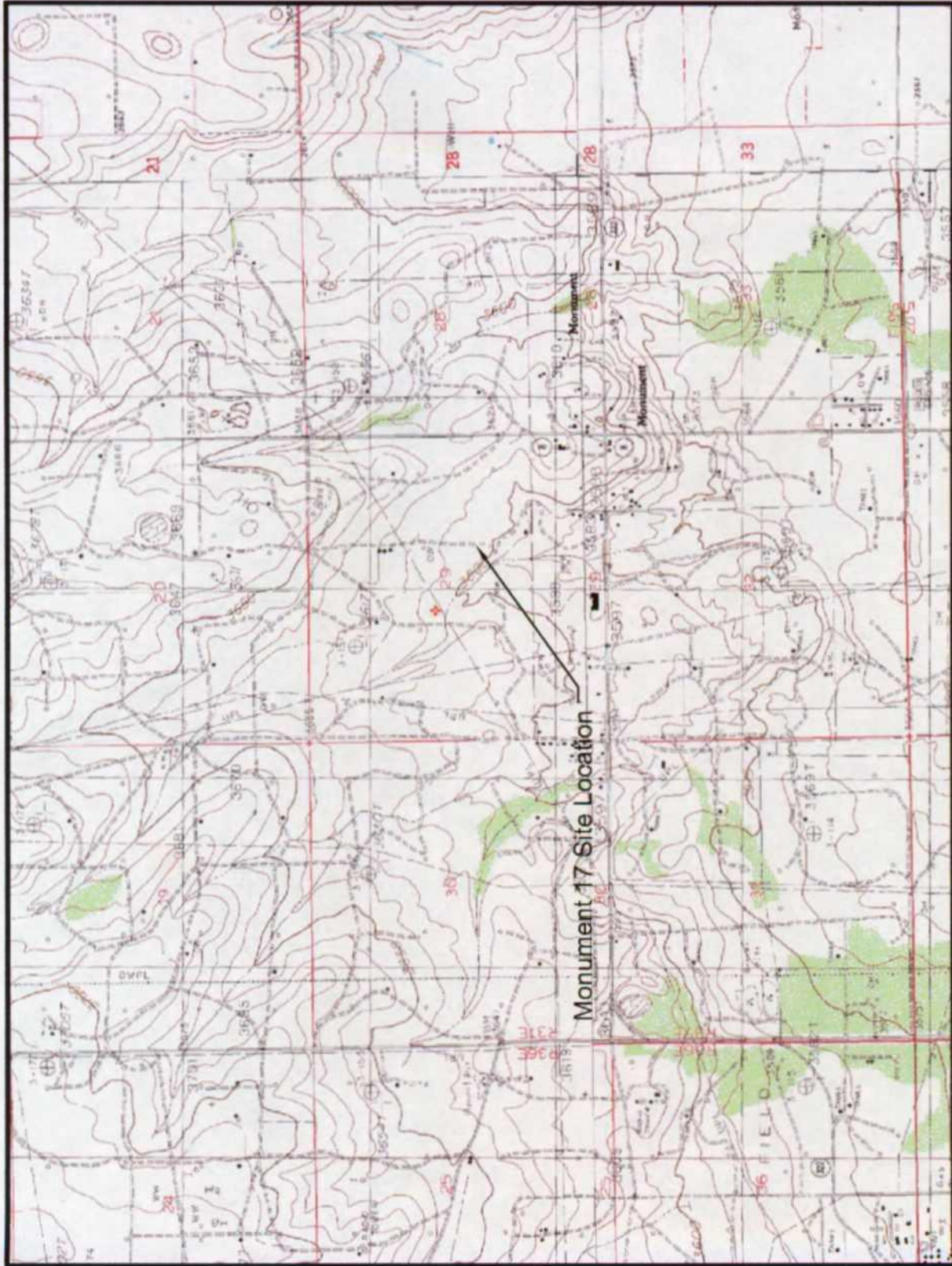
- Copy 1 & 2: William C. Olson/Randy Bayliss  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505
- Copy 3: Chris Williams  
New Mexico Oil Conservation Division (District 1)  
1625 French Drive  
Hobbs, New Mexico 88240
- Copy 4: Frank Hernandez  
EOTT Energy, LLC  
P. O. Box 1660  
Midland, Texas 79702
- Copy 5: Jimmy Bryant  
EOTT Energy, LLC  
P. O. Box 1660  
Midland, Texas 79702
- Copy 6: Mike Kelly  
EOTT Energy, LLC  
P. O. Box 4666  
Houston, Texas 77210-4666
- Copy 7: Bill Vondrehle  
EOTT Energy, LLC  
P. O. Box 4666  
Houston, Texas 77210-4666
- Copy 8: Environmental Technology Group, Inc.  
4600 West Wall  
Midland, Texas 79703
- Copy 9: Environmental Technology Group, Inc.  
2540 West Marland  
Hobbs, New Mexico 88240

Copy Number 2

Quality Control Review 



**FIGURES**



SE 1/4 NW 1/4 Sec. 29  
T19S, R37E

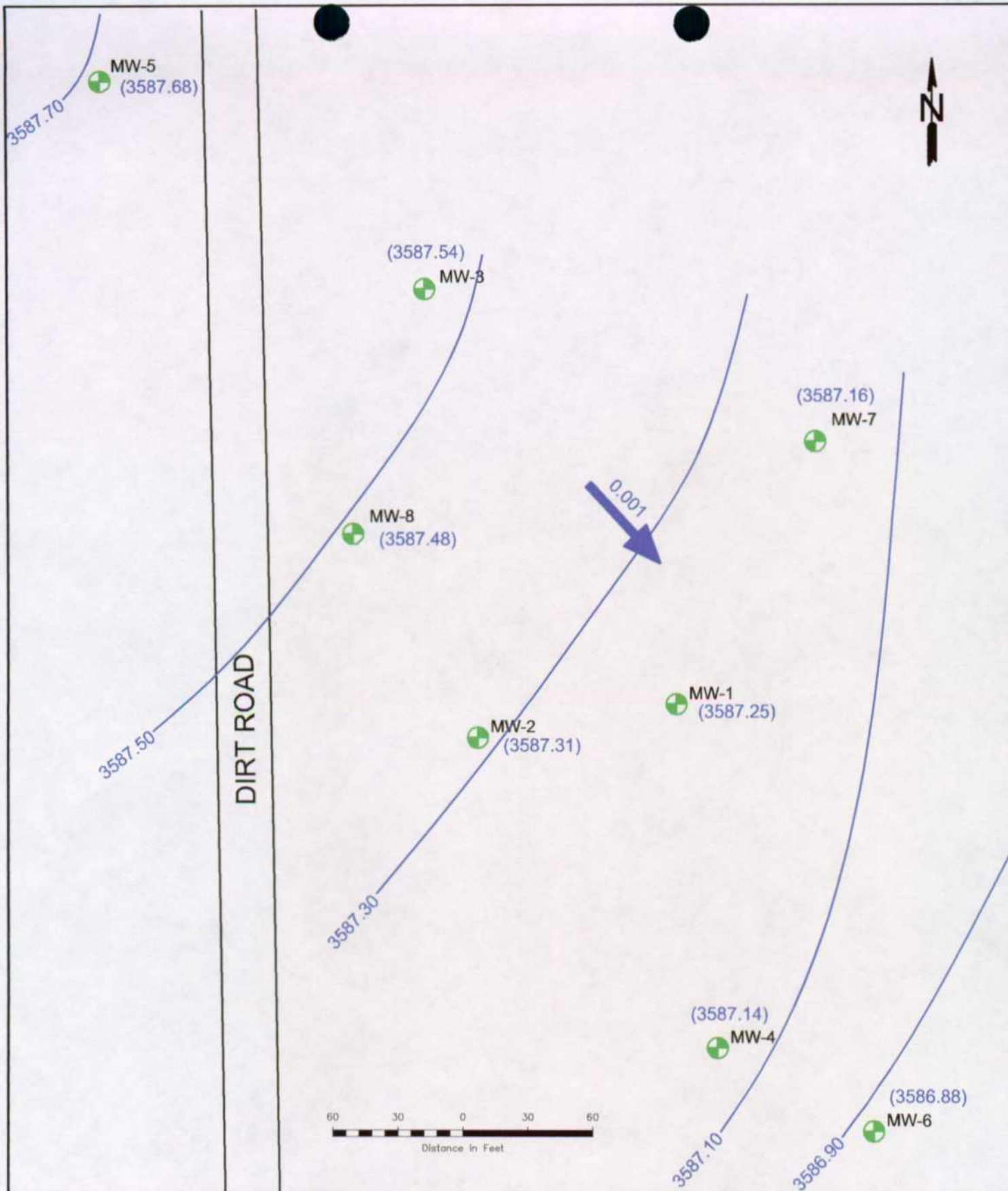
Site Location Map  
Figure 1  
EOTT Energy Pipeline, L.P.  
Monument 17  
Lea County, NM

Distance in Miles

0 .25 .5

Environmental Technology  
Group, Inc.

Scale: 1" = 3 Miles  
Prep By: JCL  
Checked By: RGE  
February 15, 2003  
Section 29 Township 19S Range 37E  
ETG Project # EOT2004C  
N. 102° 37' 37" Long. W. 102° 18' 31" E



**LEGEND:**

- Monitoring Well Locations
- Ground Water Contour Lines
- (3587.54) Groundwater Elevation
- 0.001 Groundwater Gradient Direction and Magnitude

**Figure 2**  
Inferred Groundwater  
Gradient Map (11/18/02)

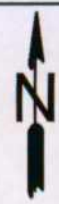
**E.O.T.T. Energy  
Monument 17  
Lea County, NM**



**Environmental Technology  
Group, Inc.**

|                              |                                           |                          |
|------------------------------|-------------------------------------------|--------------------------|
| February 13, 2003            | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                          |
| Scale: 1" = 60'              | Prep By: BJN                              | Checked By: RE           |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: EOT2064C |





MW-5  
(3587.68)

Benzene 0.137 mg/l  
Quarter 1

MW-3  
(3587.54)

(3587.16)  
MW-7  
PSH

MW-8  
(3587.48)



Benzene 0.259 mg/l  
Quarter 3

Benzene 0.046 mg/l  
Quarter 3

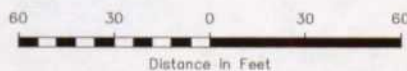
MW-1  
(3587.25)

MW-2  
(3587.31)

(3587.14)  
MW-4

(3586.88)  
MW-6

DIRT ROAD



LEGEND:

- Monitoring Well Locations
- (3587.54) Groundwater Elevation
- 0.001 Groundwater Gradient Direction and Magnitude

Figure 3  
NMOCD Site map  
(11/18/02)  
E.O.T.T. Energy  
Monument 17  
Lea County, NM



Environmental Technology  
Group, Inc.

|                              |                                           |                          |
|------------------------------|-------------------------------------------|--------------------------|
| February 13, 2003            | Lat. N32° 37' 57.7" Long. W103° 16' 31.6" |                          |
| Scale: 1" = 60'              | Prep By: BJN                              | Checked By: RE           |
| SE1/4 NW1/4 Sec.29 T19S R37E |                                           | ETGI Project #: EOT2064C |

## TABLES

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

**EOTT ENERGY, LLC**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # EO 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</b> | <b>TOP OG 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                 | 01/17/00           | 3,607.16                       | ND                      | 19.95                 | 0.00                 | 3,587.21                                |
|                        | 04/10/00           | 3,607.16                       | ND                      | 20.08                 | 0.00                 | 3,587.08                                |
|                        | 08/31/00           | 3,607.16                       | ND                      | 19.71                 | 0.00                 | 3,587.45                                |
|                        | 12/18/00           | 3,607.16                       | ND                      | 19.89                 | 0.00                 | 3,587.27                                |
|                        | 03/13/01           | 3,607.16                       | ND                      | 19.88                 | 0.00                 | 3,587.28                                |
|                        | 05/30/01           | 3,607.16                       | ND                      | 19.88                 | 0.00                 | 3,587.28                                |
|                        | 09/12/01           | 3,607.16                       | ND                      | 20.05                 | 0.00                 | 3,587.11                                |
|                        | 11/17/01           | 3,607.16                       | ND                      | 20.03                 | 0.00                 | 3,587.13                                |
|                        | 02/12/02           | 3,607.16                       | ND                      | 20.10                 | 0.00                 | 3,587.06                                |
|                        | 05/15/02           | 3,607.16                       | ND                      | 20.02                 | 0.00                 | 3,587.14                                |
|                        | 09/12/02           | 3,607.16                       | ND                      | 20.09                 | 0.00                 | 3,587.07                                |
|                        | 11/18/02           | 3,607.16                       | ND                      | 19.91                 | 0.00                 | 3,587.25                                |
|                        |                    |                                |                         |                       |                      |                                         |
| MW - 2                 | 01/17/00           | 3,607.08                       | ND                      | 19.82                 | 0.00                 | 3,587.26                                |
|                        | 04/10/00           | 3,607.08                       | ND                      | 19.94                 | 0.00                 | 3,587.14                                |
|                        | 08/31/00           | 3,607.08                       | ND                      | 19.57                 | 0.00                 | 3,587.51                                |
|                        | 12/18/00           | 3,607.08                       | ND                      | 19.77                 | 0.00                 | 3,587.31                                |
|                        | 03/13/01           | 3,607.08                       | ND                      | 19.75                 | 0.00                 | 3,587.33                                |
|                        | 05/30/01           | 3,607.08                       | ND                      | 19.75                 | 0.00                 | 3,587.33                                |
|                        | 09/12/01           | 3,607.08                       | ND                      | 19.92                 | 0.00                 | 3,587.16                                |
|                        | 11/17/01           | 3,607.08                       | ND                      | 19.88                 | 0.00                 | 3,587.20                                |
|                        | 02/12/02           | 3,607.08                       | ND                      | 19.96                 | 0.00                 | 3,587.12                                |
|                        | 05/15/02           | 3,607.08                       | ND                      | 19.88                 | 0.00                 | 3,587.20                                |
|                        | 09/12/02           | 3,607.08                       | ND                      | 19.93                 | 0.00                 | 3,587.15                                |
|                        | 11/18/02           | 3,607.08                       | ND                      | 19.77                 | 0.00                 | 3,587.31                                |
|                        |                    |                                |                         |                       |                      |                                         |
| MW - 3                 | 01/17/00           | 3,608.43                       | ND                      | 20.92                 | 0.00                 | 3,587.51                                |
|                        | 04/10/00           | 3,608.43                       | ND                      | 21.06                 | 0.00                 | 3,587.37                                |
|                        | 08/31/00           | 3,608.43                       | ND                      | 20.64                 | 0.00                 | 3,587.79                                |
|                        | 12/18/00           | 3,608.43                       | ND                      | 20.86                 | 0.00                 | 3,587.57                                |
|                        | 03/13/01           | 3,608.43                       | ND                      | 20.85                 | 0.00                 | 3,587.58                                |
|                        | 05/30/01           | 3,608.43                       | ND                      | 20.93                 | 0.00                 | 3,587.50                                |
|                        | 09/12/01           | 3,608.43                       | ND                      | 21.04                 | 0.00                 | 3,587.39                                |
|                        | 11/17/01           | 3,608.43                       | ND                      | 21.02                 | 0.00                 | 3,587.41                                |
|                        | 02/12/02           | 3,608.43                       | ND                      | 21.09                 | 0.00                 | 3,587.34                                |
|                        | 05/15/02           | 3,608.43                       | ND                      | 21.04                 | 0.00                 | 3,587.39                                |
|                        | 09/12/02           | 3,608.43                       | ND                      | 21.07                 | 0.00                 | 3,587.36                                |
|                        | 11/18/02           | 3,608.43                       | ND                      | 20.89                 | 0.00                 | 3,587.54                                |
|                        |                    |                                |                         |                       |                      |                                         |

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

**EOTT ENERGY, LLC**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # EO 2064**

| <b>SAMPLE LOCATION</b> | <b>SAMPLE DATE</b> | <b>TOP OG CASING ELEVATION</b> | <b>DEPTH TO PRODUCT</b> | <b>DEPTH TO WATER</b> | <b>PSH THICKNESS</b> | <b>CORRECTED GROUND WATER ELEVATION</b> |
|------------------------|--------------------|--------------------------------|-------------------------|-----------------------|----------------------|-----------------------------------------|
| MW-4                   | 01/17/00           | 3,606.12                       | ND                      | 19.02                 | 0.00                 | 3,587.10                                |
|                        | 04/10/00           | 3,606.12                       | ND                      | 19.12                 | 0.00                 | 3,587.00                                |
|                        | 08/31/00           | 3,606.12                       | ND                      | 18.80                 | 0.00                 | 3,587.32                                |
|                        | 12/18/00           | 3,606.12                       | ND                      | 18.97                 | 0.00                 | 3,587.15                                |
|                        | 03/13/01           | 3,606.12                       | ND                      | 18.93                 | 0.00                 | 3,587.19                                |
|                        | 05/30/01           | 3,606.12                       | ND                      | 18.94                 | 0.00                 | 3,587.18                                |
|                        | 09/12/01           | 3,606.12                       | ND                      | 19.11                 | 0.00                 | 3,587.01                                |
|                        | 11/17/01           | 3,606.12                       | ND                      | 19.10                 | 0.00                 | 3,587.02                                |
|                        | 02/12/02           | 3,606.12                       | ND                      | 19.13                 | 0.00                 | 3,586.99                                |
|                        | 05/15/02           | 3,606.12                       | ND                      | 19.08                 | 0.00                 | 3,587.04                                |
|                        | 09/12/02           | 3,606.12                       | ND                      | 19.12                 | 0.00                 | 3,587.00                                |
|                        | 11/18/02           | 3,606.12                       | ND                      | 18.98                 | 0.00                 | 3,587.14                                |
| MW - 5                 | 01/17/00           | 3,610.17                       | ND                      | 22.55                 | 0.00                 | 3,587.62                                |
|                        | 04/10/00           | 3,610.17                       | ND                      | 22.64                 | 0.00                 | 3,587.53                                |
|                        | 08/31/00           | 3,610.17                       | ND                      | 22.22                 | 0.00                 | 3,587.95                                |
|                        | 12/18/00           | 3,610.17                       | ND                      | 22.44                 | 0.00                 | 3,587.73                                |
|                        | 03/13/01           | 3,610.17                       | ND                      | 22.43                 | 0.00                 | 3,587.74                                |
|                        | 05/30/01           | 3,610.17                       | ND                      | 22.50                 | 0.00                 | 3,587.67                                |
|                        | 09/12/01           | 3,610.17                       | ND                      | 22.64                 | 0.00                 | 3,587.53                                |
|                        | 11/17/01           | 3,610.17                       | ND                      | 22.63                 | 0.00                 | 3,587.54                                |
|                        | 02/12/02           | 3,610.17                       | ND                      | 22.67                 | 0.00                 | 3,587.50                                |
|                        | 05/15/02           | 3,610.17                       | ND                      | 22.64                 | 0.00                 | 3,587.53                                |
|                        | 09/12/02           | 3,610.17                       | ND                      | 22.67                 | 0.00                 | 3,587.50                                |
|                        | 11/18/02           | 3,610.17                       | ND                      | 22.49                 | 0.00                 | 3,587.68                                |
| MW - 6                 | 01/17/00           | 3,604.44                       | ND                      | 17.63                 | 0.00                 | 3,586.81                                |
|                        | 04/10/00           | 3,604.44                       | ND                      | 17.72                 | 0.00                 | 3,586.72                                |
|                        | 08/31/00           | 3,604.44                       | ND                      | 17.44                 | 0.00                 | 3,587.00                                |
|                        | 12/18/00           | 3,604.44                       | ND                      | 17.58                 | 0.00                 | 3,586.86                                |
|                        | 03/13/01           | 3,604.44                       | ND                      | 17.55                 | 0.00                 | 3,586.89                                |
|                        | 05/30/01           | 3,604.44                       | ND                      | 17.58                 | 0.00                 | 3,586.86                                |
|                        | 09/12/01           | 3,604.44                       | ND                      | 17.70                 | 0.00                 | 3,586.74                                |
|                        | 11/17/01           | 3,604.44                       | ND                      | 17.69                 | 0.00                 | 3,586.75                                |
|                        | 02/12/02           | 3,604.44                       | ND                      | 17.67                 | 0.00                 | 3,586.77                                |
|                        | 05/15/02           | 3,604.44                       | ND                      | 17.68                 | 0.00                 | 3,586.76                                |
|                        | 09/12/02           | 3,604.44                       | ND                      | 17.72                 | 0.00                 | 3,586.72                                |
|                        | 11/18/02           | 3,604.44                       | ND                      | 17.56                 | 0.00                 | 3,586.88                                |

TABLE 1  
GROUNDWATER ELEVATION

EOTT ENERGY, LLC  
MONUMENT 17  
LEA COUNTY, NEW MEXICO  
ETGI PROJECT # EO 2064

*M2H.2*

| SAMPLE LOCATION | SAMPLE DATE | TOP OG CASING ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-----------------|-------------|-------------------------|------------------|----------------|---------------|----------------------------------|
| MW 7            | 01/17/00    | 3,607.38                | 20.25            | 20.30          | 1.00          | 3,587.93                         |
|                 | 04/10/00    | 3,607.38                | 20.36            | 20.41          | 0.05          | 3,587.01                         |
|                 | 08/31/00    | 3,607.38                | 19.99            | 19.99          | 0.00          | 3,587.39                         |
|                 | 12/18/00    | 3,607.38                | 20.16            | 20.16          | 0.00          | 3,587.22                         |
|                 | 03/13/01    | 3,607.38                | 20.20            | 20.20          | 0.00          | 3,587.18                         |
|                 | 05/30/01    | 3,607.38                | 20.21            | 20.21          | 0.00          | 3,587.17                         |
|                 | 09/12/01    | 3,607.38                | 20.03            | 20.03          | 0.00          | 3,587.35                         |
|                 | 11/17/01    | 3,607.38                | 20.27            | 20.27          | 0.00          | 3,587.11                         |
|                 | 02/12/02    | 3,607.38                | 20.30            | 20.30          | 0.00          | 3,587.08                         |
|                 | 05/15/02    | 3,607.38                | 20.35            | 20.35          | 0.00          | 3,587.03                         |
|                 | 09/15/02    | 3,607.38                | 20.35            | 20.35          | 0.00          | 3,587.03                         |
|                 | 11/06/02    | 3,607.38                | 20.12            | 20.12          | 0.00          | 3,587.26                         |
|                 | 11/18/02    | 3,607.38                | 20.22            | 20.22          | 0.00          | 3,587.16                         |
|                 |             |                         |                  |                |               |                                  |
| MW - 8          | 01/17/00    | 3,607.99                | ND               | 20.55          | 0.00          | 3,587.44                         |
|                 | 04/10/00    | 3,607.99                | ND               | 20.68          | 0.00          | 3,587.31                         |
|                 | 08/31/00    | 3,607.99                | ND               | 20.26          | 0.00          | 3,587.73                         |
|                 | 12/18/00    | 3,607.99                | ND               | 20.46          | 0.00          | 3,587.53                         |
|                 | 03/13/01    | 3,607.99                | ND               | 20.46          | 0.00          | 3,587.53                         |
|                 | 05/30/01    | 3,607.99                | ND               | 20.46          | 0.00          | 3,587.53                         |
|                 | 09/12/01    | 3,607.99                | ND               | 20.63          | 0.00          | 3,587.36                         |
|                 | 11/17/01    | 3,607.99                | ND               | 20.64          | 0.00          | 3,587.35                         |
|                 | 02/12/02    | 3,607.99                | ND               | 20.68          | 0.00          | 3,587.31                         |
|                 | 05/15/02    | 3,607.99                | ND               | 20.62          | 0.00          | 3,587.37                         |
|                 | 09/12/02    | 3,607.99                | ND               | 20.68          | 0.00          | 3,587.31                         |
|                 | 11/18/02    | 3,607.99                | ND               | 20.51          | 0.00          | 3,587.48                         |
|                 |             |                         |                  |                |               |                                  |



**TABLE 2**  
**GROUNDWATER CHEMISTRY**

**EOTT ENERGY, LLC**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT #EO2064**

*All Concentrations are in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Method: 8260b |         |               |               |
|-----------------|-------------|---------------|---------|---------------|---------------|
|                 |             | BENZENE       | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES |
| MW-1            | 01/17/00    | 0.153         | 0.008   | 0.044         | 0.022         |
|                 | 04/10/00    | 0.059         | 0.003   | 0.002         | 0.005         |
|                 | 08/31/00    | 0.132         | 0.002   | <0.001        | 0.002         |
|                 | 12/18/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/13/01    | 0.005         | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | 0.201         | <0.001  | <0.001        | <0.001        |
|                 | 09/12/01    | 0.184         | 0.010   | 0.027         | 0.028         |
|                 | 11/17/01    | 0.044         | 0.001   | <0.001        | 0.003         |
|                 | 02/12/02    | 0.069         | 0.004   | 0.017         | 0.020         |
|                 | 05/15/02    | 0.095         | 0.005   | 0.027         | 0.025         |
|                 | 09/12/02    | 0.259         | 0.005   | 0.017         | 0.017         |
|                 | 11/18/02    | 0.010         | <0.001  | <0.001        | <0.001        |
|                 | 01/17/00    | 0.002         | <0.001  | <0.001        | <0.001        |
| MW - 2          | 04/10/00    | 0.011         | 0.004   | 0.001         | 0.003         |
|                 | 08/31/00    | 0.107         | 0.005   | 0.006         | <0.002        |
|                 | 12/18/00    | 0.003         | <0.001  | <0.001        | <0.002        |
|                 | 03/13/01    | 0.006         | <0.001  | <0.001        | <0.002        |
|                 | 05/30/01    | 0.005         | <0.001  | <0.001        | <0.001        |
|                 | 09/12/01    | 0.033         | 0.003   | 0.003         | 0.001         |
|                 | 11/17/01    | 0.020         | <0.001  | <0.001        | <0.001        |
|                 | 02/12/02    | 0.020         | 0.001   | 0.002         | 0.001         |
|                 | 05/15/02    | 0.039         | 0.003   | 0.006         | 0.002         |
|                 | 09/12/02    | 0.046         | 0.001   | 0.002         | 0.001         |
|                 | 11/18/02    | 0.006         | <0.001  | <0.001        | <0.001        |
| MW-3            | 01/17/00    | 0.005         | 0.002   | <0.001        | 0.002         |
|                 | 04/10/00    | 0.033         | 0.005   | 0.003         | 0.005         |
|                 | 08/31/00    | 0.029         | <0.001  | 0.001         | <0.001        |
|                 | 12/18/00    | 0.028         | 0.002   | 0.001         | <0.001        |
|                 | 03/13/01    | 0.004         | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | 0.096         | <0.001  | <0.001        | <0.001        |
|                 | 09/12/01    | 0.008         | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | 0.005         | <0.001  | <0.001        | <0.001        |
|                 | 02/12/02    | 0.137         | 0.011   | 0.021         | 0.011         |
|                 | 05/15/02    | 0.022         | 0.001   | 0.002         | <0.001        |
|                 | 09/12/02    | 0.019         | <0.001  | <0.001        | <0.001        |
|                 | 11/18/02    | 0.008         | <0.001  | <0.001        | <0.001        |

**TABLE 2**  
**GROUNDWATER CHEMISTRY**

**EOTT ENERGY, LLC**  
**MONUMENT 17**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT #EO2064**

*All Concentrations are in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Method: 8260b |         |               |               |
|-----------------|-------------|---------------|---------|---------------|---------------|
|                 |             | BENZENE       | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES |
| MW - 4          | 01/17/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 04/10/00    | <0.001        | <0.001  | <0.001        | 0.001         |
|                 | 08/31/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/18/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/13/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/15/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/18/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 |             |               |         |               |               |
| MW - 5          | 01/17/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 04/10/00    | <0.001        | <0.001  | <0.001        | 0.001         |
|                 | 08/31/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/18/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/13/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | 0.005         | <0.001  | <0.001        | <0.001        |
|                 | 09/12/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/15/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/18/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 |             |               |         |               |               |
| MW - 6          | 01/17/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 04/10/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 08/31/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/18/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/13/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.005        | <0.005  | <0.005        | <0.005        |
|                 | 09/12/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/15/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/18/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 |             |               |         |               |               |
| MW - 7          | 11/18/02    | 0.001         | <0.001  | <0.001        | <0.001        |

TABLE 2

## GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC  
 MONUMENT 17  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #EO2064

*All Concentrations are in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Method: 8260b |         |               |               |
|-----------------|-------------|---------------|---------|---------------|---------------|
|                 |             | BENZENE       | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES |
| MW - 8          | 01/17/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 04/10/00    | <0.001        | <0.001  | 0.001         | <0.001        |
|                 | 08/31/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/18/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/13/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/15/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/18/02    | <0.001        | <0.001  | <0.001        | <0.001        |
| EB -1           | 02/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/15/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/18/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 |             |               |         |               |               |

**Appendix A**  
**Laboratory Reports**

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

**Client:** Environmental Tech Group  
**Attn:** Ken Dutton  
**Address:** 2540 W. Marland  
Hobbs

Nm 88240

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

**Report#** Lab ID#: 125705 **Report Date:** 02/22/02

**Project ID:** Monument 17 EOT 2064C

**Sample Name:** MW 1

**Sample Matrix:** water

**Date Received:** 02/19/2002 **Time:** 09:50

**Date Sampled:** 02/12/2002 **Time:** 11:00

## 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 | ---    | ---   | ---              | ---   | 02/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 69.4   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                 | 17.2   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                  | 14.7   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                     | 5.36   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                      | 4.04   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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

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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 exceeds 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.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 1

Report#/Lab ID#: 125705  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 104      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 95.7     | 88-110         | ---             |

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



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

**Client:** Environmental Tech Group

**Attn:** Ken Dutton

**Address:** 2540 W. Marland  
Hobbs

Nm 88240

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

**Report#/Lab ID#:** 125706 **Report Date:** 02/22/02

**Project ID:** Monument 17 EOT 2064C

**Sample Name:** MW 2

**Sample Matrix:** water

**Date Received:** 02/19/2002 **Time:** 09:50

**Date Sampled:** 02/12/2002 **Time:** 10:35

#### 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 | ---    |       | ---              |       | 02/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 20.3   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                 | 2.23   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                  | 1.48   | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                      | 1.3    | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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

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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.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 2

Report#/Lab ID#: 125706  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 104      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 97.4     | 88-110         | ---             |

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





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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs Nm 88240

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

Report#/Lab ID#: 125707 Report Date: 02/22/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 3

Sample Matrix: water

Date Received: 02/19/2002 Time: 09:50

Date Sampled: 02/12/2002 Time: 10:15

#### 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 | ---    |       | ---              |       | 02/21/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 137    | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                 | 20.5   | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                  | 9.55   | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                     | 1.3    | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                      | 10.6   | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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

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Respectfully Submitted,

*Richard Lasier*

Richard Lasier

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



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2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

|                                                      |                                                        |                                                 |
|------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Ken Dutton | Project ID: Monument 17 EOT 2064C<br>Sample Name: MW 3 | Report#/Lab ID#: 125707<br>Sample Matrix: water |
|------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 105      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 96.2     | 88-110         | ---             |

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nim 88240

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

Report#/Lab ID#: 125708 Report Date: 02/22/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 4

Sample Matrix: water

Date Received: 02/19/2002 Time: 09:50

Date Sampled: 02/12/2002 Time: 11:25

#### 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 | ---    |       | ---              |       | 02/21/02 | 8260b               |                        | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 02/21/02 | 8260b               | J                      | 3                  | 89.1                | 90.5             | 88.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 1.5                | 101.7               | 100.4            | 100.7            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 0.9                | 99.4                | 98.8             | 99.6             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 1.2                | 101.9               | 101.8            | 101.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 02/21/02 | 8260b               | ---                    | 1.7                | 94.5                | 95.1             | 94.6             |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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4221 Freidrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 4

Report#/Lab ID#: 125708  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

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

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

## Exceptions Report:

|                                   |               |                  |
|-----------------------------------|---------------|------------------|
| Report #/Lab ID#: 125708          | Matrix: water | Attn: Ken Dutton |
| Client: Environmental Tech Group  |               |                  |
| Project ID: Monument 17 EOT 2064C |               |                  |
| Sample Name: MW 4                 |               |                  |

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

### Comments pertaining to Data Qualifiers and QC data:

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

### Notes:



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs

Nm 88240

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

Report#/Lab ID#: 125709 Report Date: 02/22/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 5

Sample Matrix: water

Date Received: 02/19/2002 Time: 09:50

Date Sampled: 02/12/2002 Time: 10:00

#### 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 | ---    |       | ---              |       | 02/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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

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. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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 = 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.



4221 Freldrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 5

Report#/Lab ID#: 125709  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 93.4     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 97       | 88-110         | ---             |

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs

Nm 88240

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

Report# Lab ID#: 125710 Report Date: 02/22/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 6

Sample Matrix: water

Date Received: 02/19/2002 Time: 09:50

Date Sampled: 02/12/2002 Time: 11:50

#### 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 | ---    |       | ---              |       | 02/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | J                      | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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4221 Freidrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 6

Report#/Lab ID#: 125710  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94.9     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 95.5     | 88-110         | ---             |

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

## Exceptions Report:

Report #/Lab ID#: 125710 Matrix: water  
Client: Environmental Tech Group  
Project ID: Monument 17 EOT 2064C  
Sample Name: MW 6

Attn: Ken Dutton

### 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.
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### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

**Client:** Environmental Tech Group

**Attn:** Ken Dutton

**Address:** 2540 W. Marland  
Hobbs

Nm 88240

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

**Report#/Lab ID#:** 125711 **Report Date:** 02/22/02

**Project ID:** Monument 17 EOT 2064C

**Sample Name:** MW 8

**Sample Matrix:** water

**Date Received:** 02/19/2002 **Time:** 09:50

**Date Sampled:** 02/12/2002 **Time:** 12:15

#### 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 02/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | J                      | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                       | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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4221 Freidrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 8

Report#/Lab ID#: 125711  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 95.7     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 97.7     | 88-110         | ---             |

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

### Exceptions Report:

Report #/Lab ID#: 125711 Matrix: water  
Client: Environmental Tech Group Attn: Ken Dutton  
Project ID: Monument 17 EOT 2064C  
Sample Name: MW 8

#### 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).

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#### Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

**Client:** Environmental Tech Group

**Attn:** Ken Dutton

**Address:** 2540 W. Marland  
Hobbs

Nm 88240

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

**Report#/Lab ID#:** 125712 **Report Date:** 02/22/02

**Project ID:** Monument 17 EOT 2064C

**Sample Name:** EB 1

**Sample Matrix:** water

**Date Received:** 02/19/2002 **Time:** 09:50

**Date Sampled:** 02/12/2002 **Time:** 12:30

#### REPORT OF ANALYSIS

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 02/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 2                  | 89.7                | 90.3             | 85.8             |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.5                | 95.9                | 96.6             | 100.7            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | J                      | 2.2                | 95.9                | 97.5             | 98.8             |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 1.6                | 95.9                | 96.8             | 102.7            |
| Toluene                       | <1     | µg/L  | 1                | <1    | 02/20/02 | 8260b               | ---                    | 3.9                | 95.7                | 98.8             | 91               |

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Respectfully Submitted,

*Richard Lasler*

Richard Lasler

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4221 Freidrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840408  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: EB 1

Report#/Lab ID#: 125712  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 93.8     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 96.8     | 88-110         | ---             |

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

### Exceptions Report:

|                                   |               |                  |
|-----------------------------------|---------------|------------------|
| Report #/Lab ID#: 125712          | Matrix: water | Attn: Ken Dutton |
| Client: Environmental Tech Group  |               |                  |
| Project ID: Monument 17 EOT 2064C |               |                  |
| Sample Name: EB 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).

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- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

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#### Comments pertaining to Data Qualifiers and QC data:

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

#### Notes:



# CHAIN-OF-CUSTODY

## Send Reports To:

Company Name ETGI  
 Address 2540 W MAHALAND  
 City ALBUQUERQUE State NM Zip 87240  
 ATTN: KEN DUTTON  
 Phone (505) 897-4112 Fax (505) 897-4701

## Bill to (if different):

Company Name EOI  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 ATTN: \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Rush Status (must be confirmed with lab mgr.):

Project Name/PO# Monument 17 Sampler Simon Casas  
EOI-2064C

| Client Sample No.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Water | Waste | Lab I.D. #<br>(Lab only) | Comments |
|-------------------------------------------------|-----------------|-----------------|----------------------|-------|-------|--------------------------|----------|
| MW1                                             | 2-12-02         | 1100            | 2                    | X     |       | 125705                   |          |
| MW2                                             |                 | 1035            | 1                    |       |       | 125706                   |          |
| MW3                                             |                 | 1015            | 1                    |       |       | 125707                   |          |
| MW4                                             |                 | 1125            | 1                    |       |       | 125708                   |          |
| MW5                                             |                 | 1000            | 1                    |       |       | 125709                   |          |
| MW6                                             |                 | 1150            | 1                    |       |       | 125710                   |          |
| MW8                                             |                 | 1215            | 1                    |       |       | 125711                   |          |
| EB1                                             |                 | 1230            | 1                    |       |       | 125712                   |          |

## Analyses Requested (1)

Please attach explanatory information as required

For use: specifically requested otherwise on this Chain-of-Custody and/or attached documentation, all analyses will be completed using ASI's method of choice and all data will be reported to ASI's normal reporting limits (RDL/POI). 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 Pollution or ASI's HSI list at ASI's option. Specific compound lists must be supplied for all GC procedures.

| Sample Relinquished By |             |         | Sample Received By |             |         |
|------------------------|-------------|---------|--------------------|-------------|---------|
| Name                   | Affiliation | Date    | Name               | Affiliation | Date    |
| Simon Casas            | ETGI        | 2-18-02 | Melanie Humphrey   | ASI         | 2/19/02 |

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

COC: 017

**ANALYSYS INC.**

4221 Freidrich Lane, Suite 190, Austin, TX 78744  
 Phone: (512) 441-5806  
 Fax: (512) 447-4700

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report# / Lab ID#: 129585 Report Date: 05/21/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 1

Sample Matrix: water

Date Received: 05/17/2002 Time: 09:30

Date Sampled: 05/15/2002 Time: 12:50

## REPORT OF ANALYSIS

QUALITY ASSURANCE DATA<sup>1</sup>

| 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 | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 94.9   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                 | 26.6   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                  | 19.9   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                     | 5.33   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                      | 4.51   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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Respectfully Submitted,

*Richard Lastor*

Richard Lastor

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 (CV) 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, R = 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.



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

|                                                      |                                                        |                                                 |
|------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Ken Dutton | Project ID: Monument 17 EOT 2064C<br>Sample Name: MW 1 | Report#/Lab ID#: 129585<br>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  | 100      | 88-110         | ---             |

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 129586 Report Date: 05/21/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 2

Sample Matrix: water

Date Received: 05/17/2002 Time: 09:30

Date Sampled: 05/15/2002 Time: 11:35

#### 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>1</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 38.8   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                 | 6.01   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                  | 2.28   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | J                      | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                      | 2.94   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 2

Report#/Lab ID#: 129586  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 111      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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

**Exceptions Report:**

|                                          |                      |                         |
|------------------------------------------|----------------------|-------------------------|
| <b>Report #/Lab ID#:</b> 129586          | <b>Matrix:</b> water | <b>Attn:</b> Ken Dutton |
| <b>Client:</b> Environmental Tech Group  |                      |                         |
| <b>Project ID:</b> Monument 17 EOT 2064C |                      |                         |
| <b>Sample Name:</b> MW 2                 |                      |                         |

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

**Comments pertaining to Data Qualifiers and QC data:**

| Parameter        | Qualif | Comment                      |
|------------------|--------|------------------------------|
| <i>o</i> -Xylene | J      | See J-flag discussion above. |

Notes:



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

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

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

Report#/Lab ID#: 129587 Report Date: 05/21/02  
Project ID: Monument 17 EOT 2064C  
Sample Name: MW 3  
Sample Matrix: water  
Date Received: 05/17/2002 Time: 09:30  
Date Sampled: 05/15/2002 Time: 10:55

#### REPORT OF ANALYSIS

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | 22.1   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                  | 1.75   | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | J                      | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                       | 1      | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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|                                  |                                   |                         |
|----------------------------------|-----------------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: Monument 17 EOT 2064C | Report#/Lab ID#: 129587 |
| Attn: Ken Dutton                 | Sample Name: MW 3                 | Sample Matrix: water    |

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 110      | 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#:** 129587 **Matrix:** water  
**Client:** Environmental Tech Group **Attn:** Ken Dutton  
**Project ID:** Monument 17 EOT 2064C  
**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

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### J flag Discussion

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs,

NM 88240

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

Report#/Lab ID#: 129588 Report Date: 05/21/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 4

Sample Matrix: water

Date Received: 05/17/2002 Time: 09:30

Date Sampled: 05/15/2002 Time: 11:56

## REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOI 2064C  
Sample Name: MW 4

Report#/Lab ID#: 129588  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 99.8     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 100      | 88-110         | ---             |

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



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs,

NM 88240

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

Report#/Lab ID#: 129589 Report Date: 05/21/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 5

Sample Matrix: water

Date Received: 05/17/2002 Time: 09:30

Date Sampled: 05/15/2002 Time: 10:30

## REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

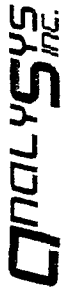
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Respectfully Submitted,

*Richard Laster*

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 5

Report#/Lab ID#: 129589  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

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

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 129590 Report Date: 05/21/02

Project ID: Monument 17 EOT 2064C

Sample Name: MW 6

Sample Matrix: water

Date Received: 05/17/2002 Time: 09:30

Date Sampled: 05/15/2002 Time: 12:27

## REPORT OF ANALYSIS

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

| 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                       | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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Respectfully Submitted,

*Richard Lasler*

Richard Lasler

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.



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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 6

Report#/Lab ID#: 129590  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 98       | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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



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

**Client:** Environmental Tech Group

**Attn:** Ken Dutton

**Address:** 2540 W. Marland  
Hobbs, NM 88240

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

**Report#/Lab ID#:** 129591 **Report Date:** 05/21/02

**Project ID:** Monument 17 EOT 2064C

**Sample Name:** MW 8

**Sample Matrix:** water

**Date Received:** 05/17/2002 **Time:** 09:30

**Date Sampled:** 05/15/2002 **Time:** 11:20

#### 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 | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EOT 2064C  
Sample Name: MW 8

Report#/Lab ID#: 129591  
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  | 100      | 88-110         | ---             |

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



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 129592 Report Date: 05/21/02

Project ID: Monument 17 EOT 2064C

Sample Name: EB 1

Sample Matrix: water

Date Received: 05/17/2002 Time: 09:30

Date Sampled: 05/15/2002 Time: 13:05

#### 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 | ---    |       | ---              |       | 05/20/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.2               | 100.6               | 114.1            | 100              |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99                  | 105.8            | 102.6            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 2.4                | 100                 | 108.4            | 102.1            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 0.8                | 99.2                | 104.7            | 103.4            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/20/02 | 8260b               | ---                    | 12.7               | 107.7               | 107.2            | 106.6            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

|                                  |                                   |                         |
|----------------------------------|-----------------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: Monument 17 EOT 2064C | Report#/Lab ID#: 129592 |
| Attn: Ken Dutton                 | Sample Name: EB 1                 | Sample Matrix: water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 97.5     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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

# CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETGI  
 Address 2540 W MAHALAND  
 City HOUSTON State TX Zip 77050  
 ATTN: KEN DUTTON  
 Phone (505) 972-8182 Fax (505) 972-4701

Bill to (if different):

Company Name EOI  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 ATTN: \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: MONUMENT 17 Sampler: Simon Cases

| Client Sample No.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water | Waste | Lab I.D. #<br>(Lab only) | Comments |
|-------------------------------------------------|-----------------|-----------------|----------------------|------|-------|-------|--------------------------|----------|
| MW 1                                            | 5-15-02         | 1250            | 2                    |      | X     |       | 129585                   | X        |
| MW 2                                            |                 | 1135            |                      |      |       |       | 129586                   |          |
| MW 3                                            |                 | 1055            |                      |      |       |       | 129587                   |          |
| MW 4                                            |                 | 1152            |                      |      |       |       | 129588                   |          |
| MW 5                                            |                 | 1030            |                      |      |       |       | 129589                   |          |
| MW 6                                            |                 | 1227            |                      |      |       |       | 129590                   |          |
| MW 8                                            |                 | 1120            |                      |      |       |       | 129591                   |          |
| EB 1                                            |                 | 1305            |                      |      |       |       | 129592                   |          |

For use by the laboratory only. Use 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 the client using ASI's standard report format. For GC/MS volatile and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody, ASI will conduct analyses using ASI's HSI list at ASI's option. Specific compound lists must be supplied for all GC procedures.

| Sample Relinquished By |             |         |      | Sample Received By |             |         |      |
|------------------------|-------------|---------|------|--------------------|-------------|---------|------|
| Name                   | Affiliation | Date    | Time | Name               | Affiliation | Date    | Time |
| Simon Cases            | E.T.G.I.    | 5/15/02 | 1600 | Michelle Thompson  | ASI         | 5/17/02 | 0830 |

I, the undersigned, hereby certify that the above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms and conditions.

**ANALYSYS INC.**

4221 Friedrich Lane, Suite 100, Austin, TX 78741  
 Phone: (512) 411-5836  
 Fax: (512) 411-1746

COE 073

Temp: 12.0°C



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 133503 Report Date: 09/19/02

Project ID: Monument 17 EO 2064

Sample Name: MW 1

Sample Matrix: water

Date Received: 09/13/2002 Time: 09:40

Date Sampled: 09/12/2002 Time: 12:45

#### 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 259    | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 1.4                | 127.2               | 94.1             | 101.3            |
| Ethylbenzene                 | 16.8   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 3.4                | 94                  | 106.5            | 110              |
| m,p-Xylenes                  | 12.6   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 3.3                | 91.5                | 103.2            | 107.5            |
| o-Xylene                     | 4.15   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.9                | 90.5                | 103              | 107.2            |
| Toluene                      | 4.89   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.5                | 96                  | 95.5             | 101.5            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EO 2064  
Sample Name: MW 1

Report#/Lab ID#: 133503  
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  | 100      | 88-110         | ---             |

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



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

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

Report#/Lab ID#: 133504 Report Date: 09/19/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 2  
Sample Matrix: water  
Date Received: 09/13/2002 Time: 09:40  
Date Sampled: 09/12/2002 Time: 11:30

#### 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 46.4   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 1.4                | 127.2               | 94.1             | 101.3            |
| Ethylbenzene                 | 2.15   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 3.4                | 94                  | 106.5            | 110              |
| m,p-Xylenes                  | 1.31   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 3.3                | 91.5                | 103.2            | 107.5            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 2.9                | 90.5                | 103              | 107.2            |
| Toluene                      | 1.24   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.5                | 96                  | 95.5             | 101.5            |

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

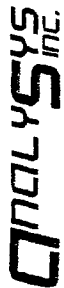
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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EO 2064  
Sample Name: MW 2

Report#/Lab ID#: 133504  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 95.5     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 102      | 88-110         | ---             |

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



### Exceptions Report:

Report #/Lab ID#: 133504 Matrix: water  
Client: Environmental Tech Group  
Project ID: Monument 17 EO 2064  
Sample Name: MW 2

Attn: Ken Dutton

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

#### Comments pertaining to Data Qualifiers and QC data:

| Parameter | Qualif | Comment                      |
|-----------|--------|------------------------------|
| o-Xylene  | J      | See J-flag discussion above. |

Notes:



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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: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 133505 Report Date: 09/19/02

Project ID: Monument 17 EO 2064

Sample Name: MW 3

Sample Matrix: water

Date Received: 09/13/2002 Time: 09:40

Date Sampled: 09/12/2002 Time: 10:49

#### 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 18.9   | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 1.4                | 127.2               | 94.1             | 101.3            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 3.4                | 94                  | 106.5            | 110              |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 3.3                | 91.5                | 103.2            | 107.5            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.9                | 90.5                | 103              | 107.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.5                | 96                  | 95.5             | 101.5            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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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: Ken Dutton

Project ID: Monument 17 EO 2064  
Sample Name: MW 3

Report#/Lab ID#: 133505  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 96       | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 133506 Report Date: 09/19/02

Project ID: Monument 17 EO 2064

Sample Name: MW 4

Sample Matrix: water

Date Received: 09/13/2002 Time: 09:40

Date Sampled: 09/12/2002 Time: 11:50

## REPORT OF ANALYSIS

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

| 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 13.8               | 109.2               | 101.8            | 109.8            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 11.8               | 94.4                | 93.2             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 5.4                | 95.9                | 93.8             | 96.7             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.1                | 104.3               | 100.1            | 101.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 16.9               | 112.9               | 101.9            | 110.6            |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

*Richard Laster*

Richard Laster

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|                                                      |                                                      |                                                 |
|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Ken Dutton | Project ID: Monument 17 EO 2064<br>Sample Name: MW 4 | Report#/Lab ID#: 133506<br>Sample Matrix: water |
|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 113      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 103      | 88-110         | ---             |

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

## Exceptions Report:

|                                  |               |                  |
|----------------------------------|---------------|------------------|
| Report #/Lab ID#: 133506         | Matrix: water | Attn: Ken Dutton |
| Client: Environmental Tech Group |               |                  |
| Project ID: Monument 17 EO 2064  |               |                  |
| Sample Name: MW 4                |               |                  |

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs,

NM 88240

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

Report#/Lab ID#: 133507 Report Date: 09/19/02

Project ID: Monument 17 EO 2064

Sample Name: MW 5

Sample Matrix: water

Date Received: 09/13/2002 Time: 09:40

Date Sampled: 09/12/2002 Time: 10:30

#### 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 13.8               | 109.2               | 101.8            | 109.8            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 11.8               | 94.4                | 93.2             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 5.4                | 95.9                | 93.8             | 96.7             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.1                | 104.3               | 100.1            | 101.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 16.9               | 112.9               | 101.9            | 110.6            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

|                                                      |                                                      |                                                 |
|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Ken Dutton | Project ID: Monument 17 EO 2064<br>Sample Name: MW 5 | Report#/Lab ID#: 133507<br>Sample Matrix: water |
|------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 99.7     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 106      | 88-110         | ---             |

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



# Exceptions Report:

|                                  |               |                  |
|----------------------------------|---------------|------------------|
| Report #/Lab ID#: 133507         | Matrix: water | Attn: Ken Dutton |
| Client: Environmental Tech Group |               |                  |
| Project ID: Monument 17 EO 2064  |               |                  |
| 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.
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## J flag Discussion

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

## Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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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: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 133508 Report Date: 09/19/02

Project ID: Monument 17 EO 2064

Sample Name: MW 6

Sample Matrix: water

Date Received: 09/13/2002 Time: 09:40

Date Sampled: 09/12/2002 Time: 12:20

#### 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 13.8               | 109.2               | 101.8            | 109.8            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 11.8               | 94.4                | 93.2             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 5.4                | 95.9                | 93.8             | 96.7             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.1                | 104.3               | 100.1            | 101.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 16.9               | 112.9               | 101.9            | 110.6            |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EO 2064  
Sample Name: MW 6

Report#/Lab ID#: 133508  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 113      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 104      | 88-110         | ---             |

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

## Exceptions Report:

Report #/Lab ID#: 133508 Matrix: water

Client: Environmental Tech Group

Project ID: Monument 17 EO 2064

Sample Name: MW 6

Attn: Ken Dutton

### 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

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

Report#/Lab ID#: 133509 Report Date: 09/19/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 8  
Sample Matrix: water  
Date Received: 09/13/2002 Time: 09:40  
Date Sampled: 09/12/2002 Time: 11:10

#### 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>1</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 13.8               | 109.2               | 101.8            | 109.8            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 11.8               | 94.4                | 93.2             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | J                      | 5.4                | 95.9                | 93.8             | 96.7             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.1                | 104.3               | 100.1            | 101.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 16.9               | 112.9               | 101.9            | 110.6            |

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*Richard Laster*

Richard Laster

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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: Ken Dutton

Project ID: Monumnt 17 EO 2064  
Sample Name: MW 8

Report#/Lab ID#: 133509  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 111      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 104      | 88-110         | ---             |

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

# Exceptions Report:

|                                  |               |                  |
|----------------------------------|---------------|------------------|
| Report #/Lab ID#: 133509         | Matrix: water | Attn: Ken Dutton |
| Client: Environmental Tech Group |               |                  |
| Project ID: Monument 17 EO 2064  |               |                  |
| Sample Name: MW 8                |               |                  |

## Sample Temperature/Condition <=6°C

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## Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland  
Hobbs, NM 88240

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

Report#/Lab ID#: 133510 Report Date: 09/19/02

Project ID: Monument 17 EO 2064

Sample Name: EB 1

Sample Matrix: water

Date Received: 09/13/2002 Time: 09:40

Date Sampled: 09/12/2002 Time: 13:00

#### 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 | ---    |       | ---              |       | 09/17/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 13.8               | 109.2               | 101.8            | 109.8            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 11.8               | 94.4                | 93.2             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 5.4                | 95.9                | 93.8             | 96.7             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 2.1                | 104.3               | 100.1            | 101.2            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 09/17/02 | 8260b               | ---                    | 16.9               | 112.9               | 101.9            | 110.6            |

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

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Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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Client: Environmental Tech Group  
Attn: Ken Dutton

Project ID: Monument 17 EO 2064  
Sample Name: EB 1

Report#/Lab ID#: 133510  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 105      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 107      | 88-110         | ---             |

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

# 547047

**Bill to (if different):**

Company Name CoTr

Address

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

# AIN:

Phone \_\_\_\_\_ Fax \_\_\_\_\_

10

overcoming

[illegible]

| Client Sample No.<br>Description-Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water | Waste | Lab I.D. #<br>(Lab only) |
|-------------------------------------------------|-----------------|-----------------|----------------------|------|-------|-------|--------------------------|
| MW 1                                            | 9/19/02         | 1245            | 2                    |      | X     |       | 133503                   |
| MW 2                                            |                 | 1130            |                      |      |       |       | 133504                   |
| MW 3                                            |                 | 1049            |                      |      |       |       | 133505                   |
| MW 4                                            |                 | 1150            |                      |      |       |       | 133506                   |
| MW 5                                            |                 | 1030            |                      |      |       |       | 133507                   |
| MW 6                                            |                 | 1220            |                      |      |       |       | 133508                   |
| MW 8                                            |                 | 1110            |                      |      | Y     |       | 133509                   |
| EB 1                                            |                 | 1300            |                      |      | Y     |       | 133510                   |

(1) *In the case of all, regardless of whether or not this chain-of-custody analysis will be conducted using ASD's method of choice and all data will be reported as "not reported," the analyst must specify the method of choice and all data will be reported as "not reported."*

Temp: 25.0

| Sample Relinquished By |             |        | Sample Received By |              |         |
|------------------------|-------------|--------|--------------------|--------------|---------|
| Name                   | Affiliation | Date   | Name               | Affiliation  | Date    |
| Anna Cases             | ETOI        | 9/2/02 | Melano             | Humphrey ASL | 9/13/02 |
|                        |             |        |                    |              | Time    |
|                        |             |        |                    |              | 0940    |

(Each one of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/supplier to AnalySys, Inc.'s standard terms and

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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#: 136625 Report Date: 11/26/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 1  
Sample Matrix: water  
Date Received: 11/20/2002 Time: 13:00  
Date Sampled: 11/18/2002 Time: 11:00

## 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> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | 10.1   | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.9                | 72.9                | 93.8             | 87.8             |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 1.4                | 116.2               | 110.4            | 114.3            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 3.6                | 111.5               | 107.6            | 107.9            |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2                  | 118.8               | 112              | 113.9            |
| Toluene                       | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.7                | 102.8               | 106.2            | 98.3             |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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



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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: Monument 17 EO 2064  
Sample Name: MW 1

Report#/Lab ID#: 136625  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 81.6     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 98.5     | 88-110         | ---             |

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 136626 Report Date: 11/26/02

Project ID: Monument 17 EO 2064

Sample Name: MW 2

Sample Matrix: water

Date Received: 11/20/2002 Time: 13:00

Date Sampled: 11/18/2002 Time: 10:41

#### 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 | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 5.7    | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.9                | 72.9                | 93.8             | 87.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | J                      | 1.4                | 116.2               | 110.4            | 114.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 3.6                | 111.5               | 107.6            | 107.9            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2                  | 118.8               | 112              | 113.9            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.7                | 102.8               | 106.2            | 98.3             |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: Monument 17 EO 2064  
Sample Name: MW 2

Report#/Lab ID#: 136626  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94       | 80-120         | ---             |
| Toluene-d8            | 8260b  | 97.8     | 88-110         | ---             |

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

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 136626         | Matrix: water | Attn: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: Monument 17 EO 2064  |               |                        |
| Sample Name: MW 2                |               |                        |

### 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    | 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#: 136627 Report Date: 11/26/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 3  
Sample Matrix: water  
Date Received: 11/20/2002 Time: 13:00  
Date Sampled: 11/18/2002 Time: 10:25

#### 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 | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 8.15   | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.9                | 72.9                | 93.8             | 87.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 1.4                | 116.2               | 110.4            | 114.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 3.6                | 111.5               | 107.6            | 107.9            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2                  | 118.8               | 112              | 113.9            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.7                | 102.8               | 106.2            | 98.3             |

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

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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|                                                            |                                                      |                                                 |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Camille Reynolds | Project ID: Monument 17 EO 2064<br>Sample Name: MW 3 | Report#/Lab ID#: 136627<br>Sample Matrix: water |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 89.3     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 97.7     | 88-110         | ---             |

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Carrille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 136628 Report Date: 11/26/02

Project ID: Monument 17 EO 2064

Sample Name: MW 4

Sample Matrix: water

Date Received: 11/20/2002 Time: 13:00

Date Sampled: 11/18/2002 Time: 09:27

## REPORT OF ANALYSIS

## QUALITY ASSURANCE DATA

| 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 | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.9                | 72.9                | 93.8             | 87.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 1.4                | 116.2               | 110.4            | 114.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 3.6                | 111.5               | 107.6            | 107.9            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2                  | 118.8               | 112              | 113.9            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.7                | 102.8               | 106.2            | 98.3             |

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*Richard Laster*

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: Monument 17 EO 2064  
Sample Name: MW 4

Report#/Lab ID#: 136628  
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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



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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#: 136629 Report Date: 11/26/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 5  
Sample Matrix: water  
Date Received: 11/20/2002 Time: 13:00  
Date Sampled: 11/18/2002 Time: 09:05

#### 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 | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.9                | 72.9                | 93.8             | 87.8             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 1.4                | 116.2               | 110.4            | 114.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 3.6                | 111.5               | 107.6            | 107.9            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2                  | 118.8               | 112              | 113.9            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.7                | 102.8               | 106.2            | 98.3             |

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

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*Richard Laster*

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

|                                                            |                                                      |                                                 |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|
| Client: Environmental Tech Group<br>Attn: Camille Reynolds | Project ID: Monument 17 EO 2064<br>Sample Name: MW 5 | Report#/Lab ID#: 136629<br>Sample Matrix: water |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 81.5     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 97.1     | 88-110         | ---             |

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



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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#: 136630 Report Date: 11/26/02

Project ID: Monument 17 EO 2064

Sample Name: MW 6

Sample Matrix: water

Date Received: 11/20/2002 Time: 13:00

Date Sampled: 11/18/2002 Time: 09:45

#### 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>1</sup> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatiles organics-8260b/BTEX | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.9                | 72.9                | 93.8             | 87.8             |
| Ethylbenzene                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 1.4                | 116.2               | 110.4            | 114.3            |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 3.6                | 111.5               | 107.6            | 107.9            |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2                  | 118.8               | 112              | 113.9            |
| Toluene                       | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5.7                | 102.8               | 106.2            | 98.3             |

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

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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: 1 = MS and/or MSD recovery potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceeds 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<br>Attn: Camille Reynolds | Project ID: Monument 17 EO 2064<br>Sample Name: MW 6 | Report#/Lab ID#: 136630<br>Sample Matrix: water |
|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 81.4     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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



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(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#: 136631 Report Date: 11/26/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 7  
Sample Matrix: water  
Date Received: 11/20/2002 Time: 13:00  
Date Sampled: 11/18/2002 Time: 11:18

#### 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>1</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    |       | ---              |       | 11/25/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 1.19   | µg/L  | 1                | <1    | 11/25/02 | 8260b               | ---                    | 1.8                | 74.5                | 102.3            | 79.4             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/25/02 | 8260b               | ---                    | 1.4                | 111                 | 106              | 117.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/25/02 | 8260b               | ---                    | 2                  | 109                 | 104.2            | 114.3            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/25/02 | 8260b               | ---                    | 2.2                | 107.2               | 100.7            | 114.3            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/25/02 | 8260b               | ---                    | 5.2                | 101.3               | 109.6            | 107.7            |

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Respectfully Submitted,

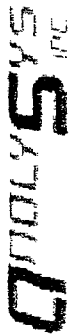
*Richard Laster*

Richard Laster

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

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 | Project ID: Monument 17 EO 2064 | Report#/Lab ID#: 136631 |
| Attn: Camille Reynolds           | Sample Name: MW 7               | Sample Matrix: water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 90       | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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



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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#: 136632 Report Date: 11/26/02  
Project ID: Monument 17 EO 2064  
Sample Name: MW 8  
Sample Matrix: water  
Date Received: 11/20/2002 Time: 13:00  
Date Sampled: 11/18/2002 Time: 10:06

#### 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>1</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    |       | ---              |       | 11/22/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 2.4                | 71.4                | 84.7             | 72               |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 5                  | 112.2               | 109.2            | 115.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | J                      | 6.8                | 78                  | 102.5            | 111.9            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 6.3                | 111                 | 108.5            | 118.9            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/22/02 | 8260b               | ---                    | 1.4                | 106                 | 95.8             | 100.7            |

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Client: Environmental Tech Group  
Attu: Canille Reynolds

Project ID: Monument 17 EO 2064  
Sample Name: MW 8

Report#/Lab ID#: 136632  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 82.6     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 99.1     | 88-110         | ---             |

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

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 136632         | Matrix: water | Attn: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: Monument 17 EO 2064  |               |                        |
| Sample Name: MW 8                |               |                        |

### 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                      |
|-------------|--------|------------------------------|
| m,p-Xylenes | J      | See J-flag discussion above. |

### Notes:



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Client: Environmental Tech Group

Attn: Canille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 136633 Report Date: 11/26/02

Project ID: Monument 17 EO 2064

Sample Name: EB 1

Sample Matrix: water

Date Received: 11/20/2002 Time: 13:00

Date Sampled: 11/18/2002 Time: 11:30

#### 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 | ---    |       | ---              |       | 11/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 11/23/02 | 8260b               | ---                    | 2.4                | 71.4                | 84.7             | 72               |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 11/23/02 | 8260b               | ---                    | 5                  | 112.2               | 109.2            | 115.3            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 11/23/02 | 8260b               | ---                    | 6.8                | 78                  | 102.5            | 111.9            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 11/23/02 | 8260b               | ---                    | 6.3                | 111                 | 108.5            | 118.9            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 11/23/02 | 8260b               | ---                    | 1.4                | 106                 | 95.8             | 100.7            |

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

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*Richard Laster*

Richard Laster

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|                                  |                                 |                         |
|----------------------------------|---------------------------------|-------------------------|
| Client: Environmental Tech Group | Project ID: Monument 17 EQ 2064 | Report#/Lab ID#: 136633 |
| Attn: Camille Reynolds           | Sample Name: EB 1               | Sample Matrix: water    |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 85.6     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 99       | 88-110         | ---             |

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

# CHAIN-OF-CUSTODY

## 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): COC: 193  
 Company Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 ATTN: \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: Monument 17 Sampler: Marcelo Campos

EO-2064

## Analyses Requested (1)

Please attach explanatory information as required

| Client Sample No.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water    | Waste    | Lab I.D. #<br>(Lab only) | Comment  |
|-------------------------------------------------|-----------------|-----------------|----------------------|------|----------|----------|--------------------------|----------|
| <u>mw 1</u>                                     | <u>11/18/02</u> | <u>1100</u>     | <u>2</u>             |      | <u>X</u> |          | <u>136625</u>            | <u>X</u> |
| <u>mw 2</u>                                     | <u>11/18/02</u> | <u>1041</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136626</u>            | <u>1</u> |
| <u>mw 3</u>                                     | <u>11/18/02</u> | <u>1025</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136627</u>            | <u>1</u> |
| <u>mw 4</u>                                     | <u>11/18/02</u> | <u>0927</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136628</u>            | <u>1</u> |
| <u>mw 5</u>                                     | <u>11/18/02</u> | <u>0905</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136629</u>            | <u>1</u> |
| <u>mw 6</u>                                     | <u>11/18/02</u> | <u>0945</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136630</u>            | <u>1</u> |
| <u>mw 7</u>                                     | <u>11/18/02</u> | <u>1118</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136631</u>            | <u>1</u> |
| <u>mw 8</u>                                     | <u>11/18/02</u> | <u>1006</u>     | <u>1</u>             |      | <u>1</u> |          | <u>136632</u>            | <u>1</u> |
| <u>BS-1</u>                                     | <u>11/18/02</u> | <u>1130</u>     | <u>1</u>             |      | <u>1</u> | <u>1</u> | <u>136633</u>            | <u>1</u> |

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

Temp: 3.9 C

| Sample Relinquished By |                 |                 | Sample Received By    |             |                 |
|------------------------|-----------------|-----------------|-----------------------|-------------|-----------------|
| Name                   | Affiliation     | Date            | Name                  | Affiliation | Date            |
| <u>Marcelo Campos</u>  | <u>E.T.G.I.</u> | <u>11/19/02</u> | <u>Marcelo Campos</u> | <u>ASI</u>  | <u>11/19/02</u> |

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