

**AP - 0/2**

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**STAGE 1 & 2  
REPORTS**

**DATE:  
2003**

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# **EOTT ENERGY LLC**

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

March 31, 2003

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

Dear Mr. Bayliss;

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

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

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

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

Sincerely,



Bill Von Drehle  
Director Environmental  
EOTT ENERGY LLC

Cc: Frank Hernandez

**ANNUAL MONITORING REPORT**

*AP-12*

*MAR 25 2003*

**EOTT ENERGY, LLC**

**TNM 98-05A**

**NE ¼, NW ¼ OF SECTION 26, TOWNSHIP 21 SOUTH, RANGE 37 EAST  
LEA COUNTY, NEW MEXICO**

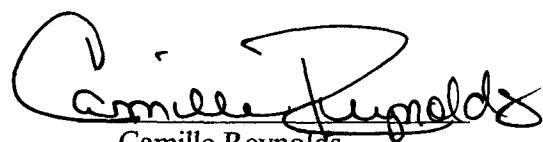
**PREPARED FOR:**

**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 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 monitor wells were gauged and sampled on February 20, May 20, September 24, and November 13, 2002. In addition, the site monitor wells were gauged and sampled on November 13, 2002 for concentrations of Polynuclear Aromatic Hydrocarbons (PAH) and New Mexico Water Control Commission (WQCC) metals in accordance with the NMOCD letter dated December 7, 2000. During each sampling event the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were 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 either Pate Trucking, Hobbs, New Mexico or Vista Trucking, Eunice, New Mexico utilizing a licensed disposal facility (OCD AO SWD-730).

## **GROUNDWATER GRADIENT**

Locations of the monitor wells and the inferred groundwater gradient, as measured on November 13, 2002, are depicted on Figure 2, the Site 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 0.005 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 48.18 to 50.16 feet for the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor wells MW-1, MW-2, MW-9 and MW-10 during the annual monitoring period. Monitor well MW-1 was inaccessible due

to the existing excavation and could not be gauged during the first, second or third quarter monitoring periods. During the fourth quarter the integrity of monitor well MW-1 was compromised due to structural failure, making collection of gauging inaccurate. The monitor well was shortened to ensure structural integrity and continued PSH recovery from monitor well MW-1. A maximum PSH thickness of 2.03 feet in monitor well MW-1, 7.50 feet in monitor MW-2, 0.61 foot in monitor well MW-9 and 2.79 feet in monitor well MW-10 was measured during 2002 and is shown on Table 1.

## **LABORATORY RESULTS**

Groundwater samples collected during the sampling events were delivered to AnalySys, Inc. in Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) 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 for all of the site groundwater samples obtained during the calendar year 2002 monitoring period indicate that benzene and BTEX constituent concentrations were below NMOCD regulatory standards for monitor wells MW-5, MW-6, MW-7, and MW-8. The benzene concentrations in groundwater samples collected from monitor wells MW-3, MW-4, and MW-9 were above NMOCD regulatory standards, while the BTEX concentrations were below NMOCD regulatory standards for the monitoring period.

## **SUMMARY**

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2002. A measurable thickness of PSH was detected in monitor wells MW-1, MW-2, MW-9, and MW-10 during the annual monitoring period. Monitor well MW-1 was inaccessible due to the existing excavation and could not be gauged during the first, second, or third quarter monitoring periods. During the fourth quarter the integrity of monitor well MW-1 was compromised due to structural failure, making the collection of gauging data inaccurate. The monitor well was shortened to ensure structural integrity and to continue PSH recovery from monitor well MW-1. A maximum PSH thickness of 2.03 feet in monitor well MW-1, 7.50 feet in monitor MW-2, 0.61 foot in monitor well MW-9 and 2.79 feet in monitor well MW-10 was measured in the monitor wells. During this reporting period, approximately 320 gallons of PSH was recovered from the aforementioned monitor wells. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours, generated from the final quarterly event of calendar year 2002 water level measurements, indicated a general gradient of approximately 0.005 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-6.

Laboratory results for all of the site groundwater samples, obtained during the calendar

year 2002 monitoring period, indicated that benzene and BTEX constituent concentrations were below NMOCD regulatory standards for monitor wells MW-5, MW-6, MW-7, and MW-8. The benzene concentrations in groundwater samples collected from monitor wells MW-3, MW-4, and MW-9 were above NMOCD regulatory standards, while the BTEX concentrations were below NMOCD regulatory standards for the monitoring period.

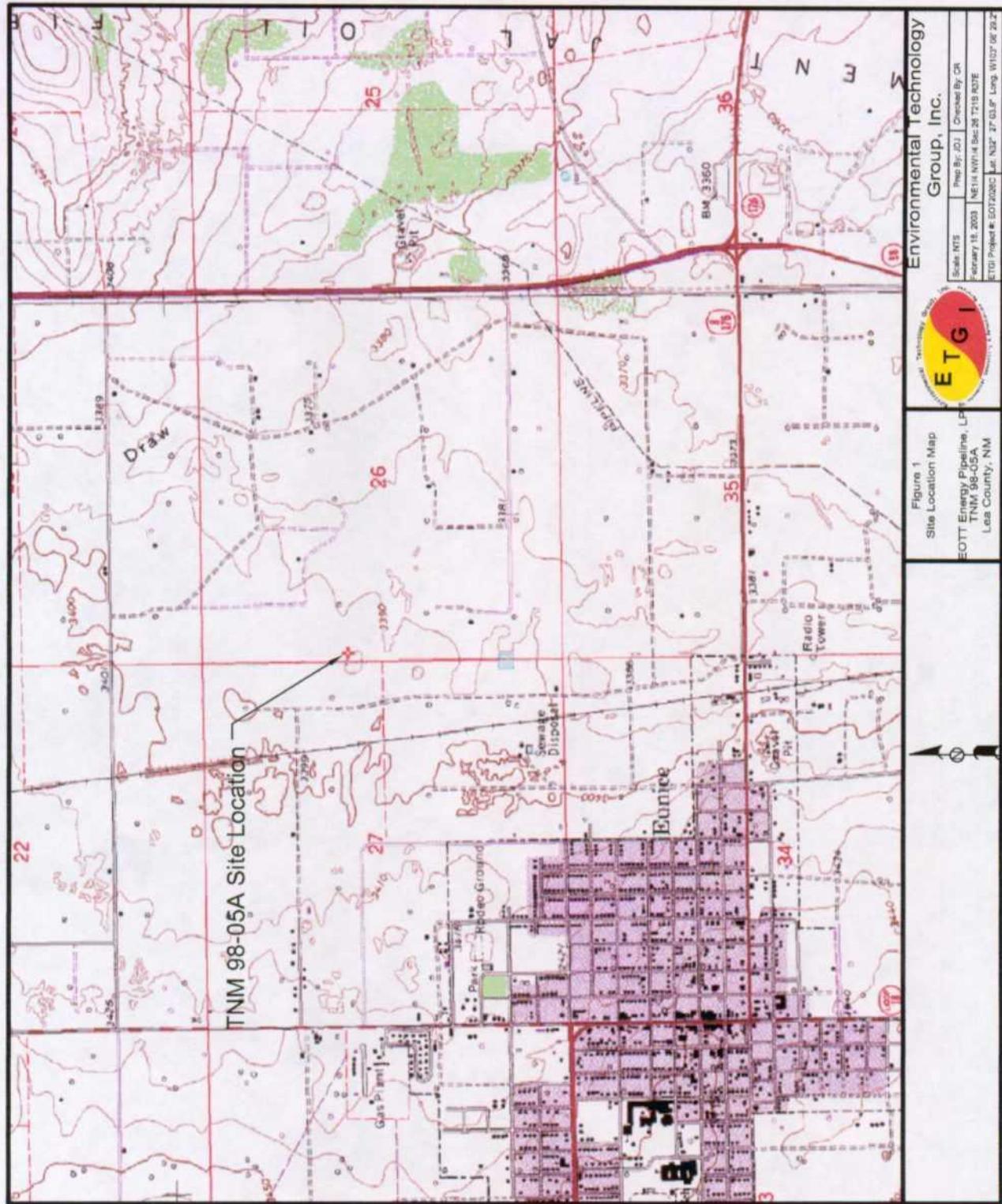
## **DISTRIBUTION**

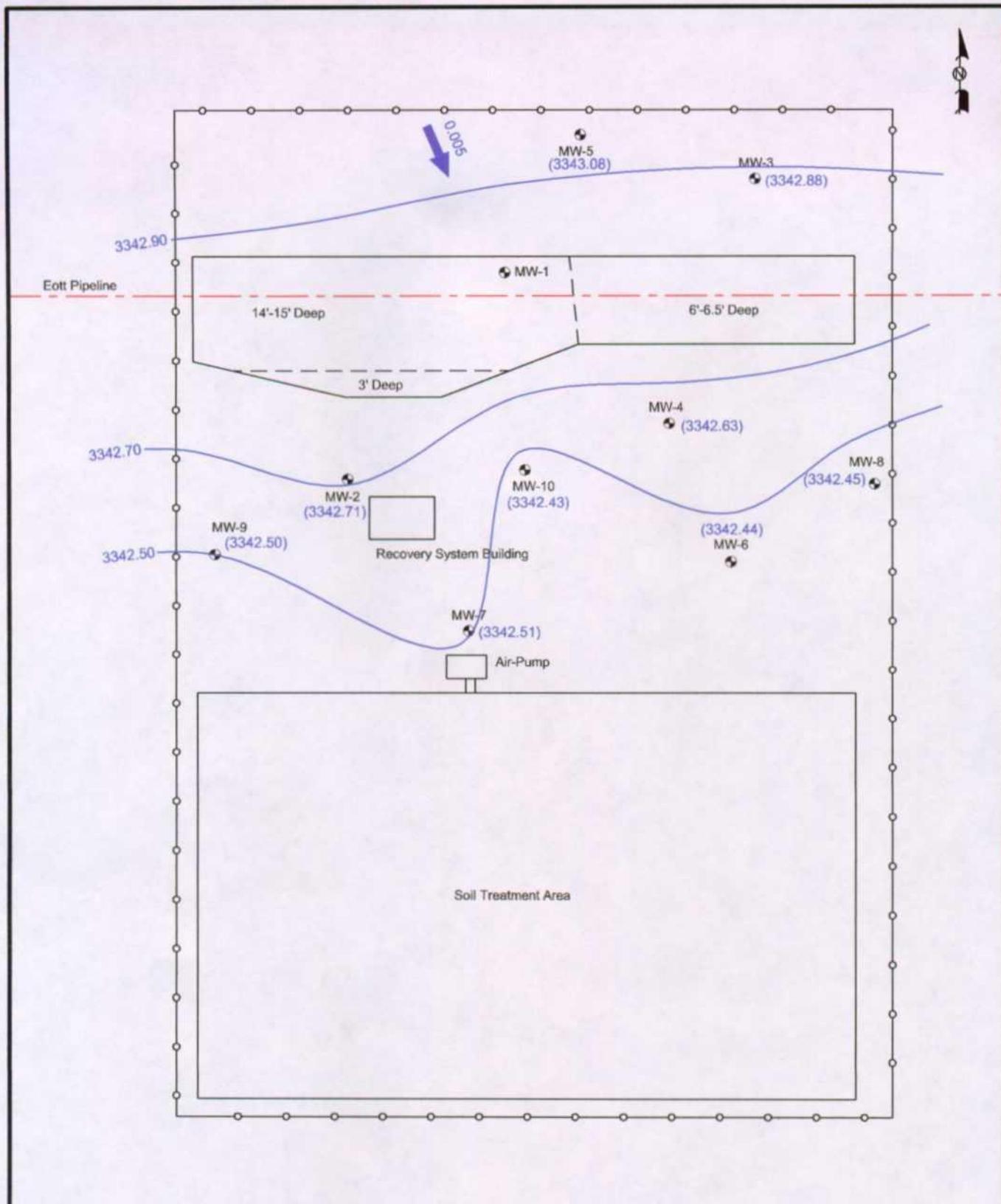
- Copy 1 & 2: William C. Olson/Randy Bayliss  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505
- Copy 3: Chris Williams  
New Mexico Oil Conservation Division (District 1)  
1625 French Drive  
Hobbs, New Mexico 88240
- Copy 4: Frank Hernandez  
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Midland, Texas 79702
- Copy 5: Jimmy Bryant  
EOTT Energy, LLC  
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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 Street  
Midland, Texas 79703
- Copy 9: Environmental Technology Group, Inc.  
2540 West Marland  
Hobbs, New Mexico 88240

Copy Number 2

Quality Control Review 

## **FIGURES**





Legend:

- Monitor Well Location  
(3342.43)
- Fence
- Groundwater Elevation in Feet
- Groundwater Gradient Contour (0.2' Intervals)
- Groundwater Gradient Direction and Magnitude

Figure 2  
Groundwater Gradient  
Map (11/13/02)

EOTT Energy Pipeline, LP  
TNM98-05A  
Lea County, NM

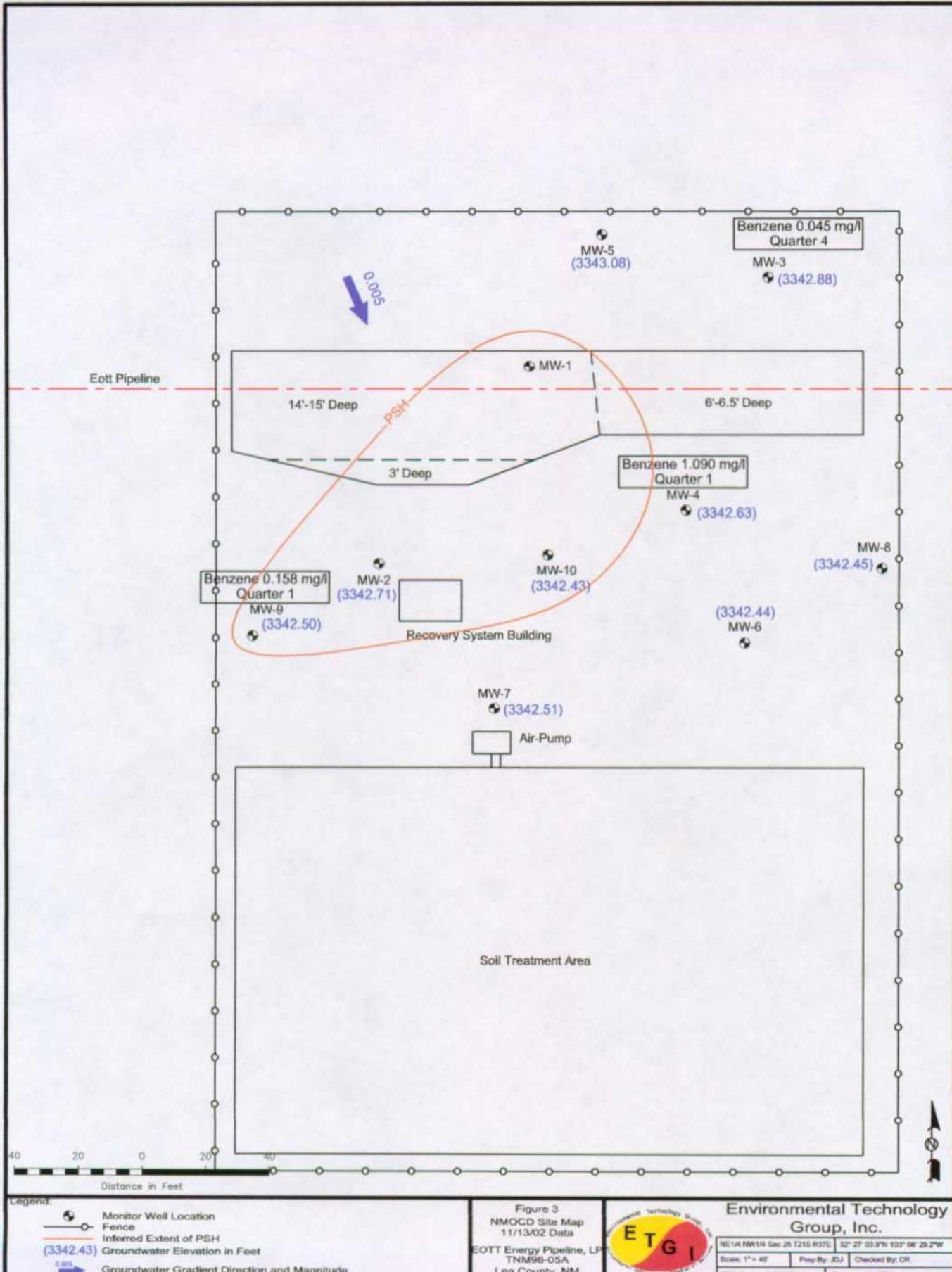


Environmental Technology  
Group, Inc.

NM14 NW1/4 Sec 26 T21S R37E 32° 27' 03.8" N 103° 08' 29.2" W

Scale: 1" = 40' Prep By: J.D.J. Checked By: CR

ETGI Project # EO2026 February 18, 2003


**Legend:**

- Monitor Well Location
- Fence
- Inferred Extent of PSH
- (3342.43) Groundwater Elevation in Feet
- Groundwater Gradient Direction and Magnitude

Figure 3  
NMOCID Site Map  
11/13/02 Data  
EOTT Energy Pipeline, LP  
TNM98-05A  
Lea County, NM



Environmental Technology  
Group, Inc.

|  |                                |
|--|--------------------------------|
| NE1/4 NW1/4 Sec 25 T21S R37E             | 32° 27' 03.87N 103° 06' 29.27W |
| Scale: 1" = 40'                          | Prep By: JDJ                   |
| ETGI Project #: E02826 February 18, 2003 |                                |

## **TABLES**

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

EOTT ENERGY, LLC  
 TNM 98-05A  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT #EO 2026

| WELL NUMBER | DATE MEASURED | CASING WELL ELEVATION | DEPTH TO PRODUCT                  | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-----------------------|-----------------------------------|----------------|---------------|----------------------------------|
| MW - 1      | 02/03/99      | 3390.57               | 46.05                             | 49.70          | 3.65          | 3,343.97                         |
|             | 05/12/99      | 3,390.57              | 45.99                             | 49.31          | 3.32          | 3,344.08                         |
|             | 08/23/99      | 3,390.57              | 46.15                             | 49.51          | 3.36          | 3,343.92                         |
|             | 11/29/99      | 3,390.57              | 45.61                             | 45.84          | 0.23          | 3,344.93                         |
|             | 03/09/00      | 3,390.57              | 46.48                             | 47.57          | 1.09          | 3,343.93                         |
|             | 05/11/00      | 3,390.57              | 46.13                             | 46.92          | 0.79          | 3,344.32                         |
|             | 09/12/00      | 3,390.57              | 46.13                             | 46.74          | 0.61          | 3,344.35                         |
|             | 12/14/00      | 3,390.57              | 45.81                             | 46.90          | 1.09          | 3,344.60                         |
|             | 03/21/01      | 3,390.57              | 46.48                             | 47.57          | 1.09          | 3,343.93                         |
|             | 05/30/01      | 3,390.57              | 46.13                             | 48.40          | 2.27          | 3,344.10                         |
| **          | 09/25/01      | 3,390.57              | Could not gauge due to excavation |                | -             |                                  |
| **          | 11/17/01      | 3,390.57              | Could not gauge due to excavation |                | -             |                                  |
| **          | 02/20/02      | 3,390.57              | Could not gauge due to excavation |                | -             |                                  |
| **          | 05/20/02      | 3,390.57              | Could not gauge due to excavation |                | -             |                                  |
| **          | 09/24/02      | 3,390.57              | Could not gauge due to excavation |                | -             |                                  |
|             | 10/29/02      | 3,390.57              | 41.81                             | 42.41          | 0.60          | NA                               |
|             | 11/06/02      | 3,390.57              | 39.23                             | 41.26          | 2.03          | NA                               |
|             | 11/13/02      | 3,390.57              | 39.86                             | 41.38          | 1.52          | NA                               |
| MW - 2      | 03/03/99      | 3,390.85              | 46.33                             | 49.33          | 3.00          | 3,344.07                         |
|             | 05/12/99      | 3,390.85              | 46.46                             | 49.02          | 2.56          | 3,344.01                         |
|             | 18/23/99      | 3,390.85              | 46.65                             | 49.38          | 2.73          | 3,343.79                         |
|             | 11/29/99      | 3,390.85              | 45.98                             | 46.25          | 0.27          | 3,344.83                         |
|             | 03/09/00      | 3,390.85              | 46.68                             | 48.40          | 1.72          | 3,343.91                         |
|             | 05/11/00      | 3,390.85              | 46.43                             | 47.96          | 1.53          | 3,344.19                         |
|             | 09/12/00      | 3,390.85              | 46.31                             | 47.77          | 1.46          | 3,344.32                         |
|             | 12/14/00      | 3,390.85              | 46.21                             | 46.76          | 0.55          | 3,344.56                         |
|             | 03/21/01      | 3,390.85              | 46.68                             | 48.40          | 1.72          | 3,343.91                         |
|             | 05/30/01      | 3,390.85              | 46.56                             | 48.17          | 1.61          | 3,344.05                         |
|             | 09/25/01      | 3,390.85              | 46.74                             | 48.59          | 1.85          | 3,343.83                         |
|             | 11/17/01      | 3,390.85              | 46.20                             | 46.76          | 0.55          | 3,344.56                         |
|             | 02/20/02      | 3,390.85              | 46.31                             | 47.42          | 1.11          | 3,344.37                         |
|             | 05/20/02      | 3,390.85              | 46.69                             | 48.48          | 1.79          | 3,343.89                         |
|             | 09/24/02      | 3,390.85              | 47.33                             | 49.90          | 2.57          | 3,343.13                         |
|             | 10/29/02      | 3,390.85              | 42.62                             | 50.12          | 7.50          | 3,347.11                         |
|             | 11/06/02      | 3,390.85              | 48.32                             | 49.97          | 1.45          | 3,342.11                         |
|             | 11/13/02      | 3,390.85              | 47.78                             | 50.16          | 2.38          | 3,342.71                         |

**TABLE 1**  
**GROUNDWATER ELEVATION**  
**EOTT ENERGY, LLC**  
**TNM 98-05A**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT #EO 2026**

| WELL NUMBER | DATE MEASURED | CASING WELL ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-----------------------|------------------|----------------|---------------|----------------------------------|
| MW - 3      | 02/03/99      | 3,391.08              | -                | 47.09          | 0.00          | 3,343.99                         |
|             | 05/12/99      | 3,391.08              | -                | 47.06          | 0.00          | 3,344.02                         |
|             | 08/23/99      | 3,391.08              | -                | 47.24          | 0.00          | 3,343.84                         |
|             | 11/29/99      | 3,391.08              | -                | 46.18          | 0.00          | 3,344.90                         |
|             | 03/09/00      | 3,391.08              | -                | 47.17          | 0.00          | 3,343.91                         |
|             | 05/11/00      | 3,391.08              | -                | 46.95          | 0.00          | 3,344.13                         |
|             | 09/12/00      | 3,391.08              | -                | 46.89          | 0.00          | 3,344.19                         |
|             | 12/14/00      | 3,391.08              | -                | 46.55          | 0.00          | 3,344.53                         |
|             | 03/21/01      | 3,391.08              | -                | 46.18          | 0.00          | 3,344.90                         |
|             | 05/30/01      | 3,391.08              | -                | 46.90          | 0.00          | 3,344.18                         |
|             | 09/25/01      | 3,391.08              | -                | 47.12          | 0.00          | 3,343.96                         |
|             | 11/17/01      | 3,391.08              | -                | 46.83          | 0.00          | 3,344.25                         |
|             | 02/20/02      | 3,391.08              | -                | 46.69          | 0.00          | 3,344.39                         |
|             | 05/20/02      | 3,391.08              | -                | 47.11          | 0.00          | 3,343.97                         |
|             | 09/24/02      | 3,391.08              | -                | 47.88          | 0.00          | 3,343.20                         |
|             | 10/29/02      | 3,391.08              | -                | 48.13          | 0.00          | 3,342.95                         |
|             | 11/13/02      | 3,391.08              | -                | 48.20          | 0.00          | 3,342.88                         |
| MW - 4      | 02/03/99      | 3,390.81              | -                | 47.01          | 0.00          | 3,343.80                         |
|             | 05/12/99      | 3,390.81              | -                | 46.91          | 0.00          | 3,343.90                         |
|             | 08/23/99      | 3,390.81              | -                | 47.16          | 0.00          | 3,343.65                         |
|             | 11/29/99      | 3,390.81              | -                | 46.03          | 0.00          | 3,344.78                         |
|             | 03/09/00      | 3,390.81              | -                | 46.96          | 0.00          | 3,343.85                         |
|             | 05/11/00      | 3,390.81              | -                | 46.80          | 0.00          | 3,344.01                         |
|             | 09/12/00      | 3,390.81              | -                | 46.75          | 0.00          | 3,344.06                         |
|             | 12/14/00      | 3,390.81              | -                | 46.33          | 0.00          | 3,344.48                         |
|             | 03/21/01      | 3,390.81              | -                | 46.00          | 0.00          | 3,344.81                         |
|             | 05/30/01      | 3,390.81              | -                | 46.70          | 0.00          | 3,344.11                         |
|             | 09/25/01      | 3,390.81              | -                | 47.02          | 0.00          | 3,343.79                         |
|             | 11/17/01      | 3,390.81              | -                | 46.63          | 0.00          | 3,344.18                         |
|             | 02/20/02      | 3,390.81              | -                | 47.47          | 0.00          | 3,343.34                         |
|             | 05/20/02      | 3,390.81              | -                | 46.96          | 0.00          | 3,343.85                         |
|             | 09/24/02      | 3,390.81              | -                | 48.78          | 0.00          | 3,342.03                         |
|             | 10/29/02      | 3,390.81              | -                | 48.08          | 0.00          | 3,342.73                         |
|             | 11/13/02      | 3,390.81              | -                | 48.18          | 0.00          | 3,342.63                         |

**TABLE 1**  
**GROUNDWATER ELEVATION**  
**EOTT ENERGY, LLC**  
**TNM 98-05A**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT #EO 2026**

| WELL NUMBER | DATE MEASURED | CASING WELL ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSH THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-----------------------|------------------|----------------|---------------|----------------------------------|
| MW - 5      | 11/29/99      | 3,391.53              | -                | 46.55          | 0.00          | 3,344.98                         |
|             | 03/09/00      | 3,391.53              | -                | 47.51          | 0.00          | 3,344.02                         |
|             | 05/11/00      | 3,391.53              | -                | 47.35          | 0.00          | 3,344.18                         |
|             | 09/12/00      | 3,391.53              | -                | 47.25          | 0.00          | 3,344.28                         |
|             | 12/14/00      | 3,391.53              | -                | 46.94          | 0.00          | 3,344.59                         |
|             | 03/21/01      | 3,391.53              | -                | 46.55          | 0.00          | 3,344.98                         |
|             | 05/30/01      | 3,391.53              | -                | 47.29          | 0.00          | 3,344.24                         |
|             | 09/25/01      | 3,391.53              | -                | 47.37          | 0.00          | 3,344.16                         |
|             | 11/17/01      | 3,391.53              | -                | 47.20          | 0.00          | 3,344.33                         |
|             | 02/20/02      | 3,391.53              | -                | 47.06          | 0.00          | 3,344.47                         |
|             | 05/20/02      | 3,391.53              | -                | 47.47          | 0.00          | 3,344.06                         |
|             | 09/24/02      | 3,391.53              | -                | 48.16          | 0.00          | 3,343.37                         |
|             | 10/29/02      | 3,391.53              | -                | 48.36          | 0.00          | 3,343.17                         |
|             | 11/13/02      | 3,391.53              | -                | 48.45          | 0.00          | 3,343.08                         |
| MW - 6      | 11/29/99      | 3,391.14              | -                | 46.45          | 0.00          | 3,344.69                         |
|             | 03/09/00      | 3,391.14              | -                | 47.36          | 0.00          | 3,343.78                         |
|             | 05/11/00      | 3,391.14              | -                | 47.21          | 0.00          | 3,343.93                         |
|             | 09/12/00      | 3,391.14              | -                | 47.14          | 0.00          | 3,344.00                         |
|             | 12/14/00      | 3,391.14              | -                | 46.71          | 0.00          | 3,344.43                         |
|             | 03/21/01      | 3,391.14              | -                | 46.40          | 0.00          | 3,344.74                         |
|             | 05/30/01      | 3,391.14              | -                | 47.05          | 0.00          | 3,344.09                         |
|             | 09/25/01      | 3,391.22              | -                | 47.59          | 0.00          | 3,343.63                         |
|             | 11/17/01      | 3,391.22              | -                | 47.15          | 0.00          | 3,344.07                         |
|             | 02/20/02      | 3,391.22              | -                | 46.88          | 0.00          | 3,344.34                         |
|             | 05/20/02      | 3,391.22              | -                | 47.48          | 0.00          | 3,343.74                         |
|             | 09/24/02      | 3,391.22              | -                | 48.38          | 0.00          | 3,342.84                         |
|             | 10/29/02      | 3,391.22              | -                | 48.65          | 0.00          | 3,342.57                         |
|             | 11/13/02      | 3,391.22              | -                | 48.78          | 0.00          | 3,342.44                         |
| MW - 7      | 11/29/99      | 3,391.21              | -                | 46.52          | 0.00          | 3,344.69                         |
|             | 03/09/00      | 3,391.21              | -                | 47.41          | 0.00          | 3,343.80                         |
|             | 05/11/00      | 3,391.21              | -                | 47.31          | 0.00          | 3,343.90                         |
|             | 09/12/00      | 3,391.21              | -                | 47.23          | 0.00          | 3,343.98                         |
|             | 12/14/00      | 3,391.21              | -                | 46.75          | 0.00          | 3,344.46                         |
|             | 03/21/01      | 3,391.21              | -                | 46.49          | 0.00          | 3,344.72                         |
|             | 05/30/01      | 3,391.21              | -                | 47.12          | 0.00          | 3,344.09                         |
|             | 09/25/01      | 3,391.21              | -                | 47.48          | 0.00          | 3,343.73                         |
|             | 11/17/01      | 3,391.21              | -                | 47.08          | 0.00          | 3,344.13                         |
|             | 02/20/02      | 3,391.21              | -                | 46.82          | 0.00          | 3,344.39                         |
|             | 05/20/02      | 3,391.21              | -                | 47.44          | 0.00          | 3,343.77                         |
|             | 09/24/02      | 3,391.21              | -                | 48.32          | 0.00          | 3,342.89                         |
|             | 10/29/02      | 3,391.21              | -                | 48.59          | 0.00          | 3,342.62                         |
|             | 11/13/02      | 3,391.21              | -                | 48.70          | 0.00          | 3,342.51                         |

TABLE 1  
GROUNDWATER ELEVATION

EOTT ENERGY, LLC  
TNM 98-05A  
LEA COUNTY, NEW MEXICO  
ETGI PROJECT #EO 2026

| WELL NUMBER | DATE MEASURED | CASING WELL ELEVATION | DEPTH TO PRODUCT | DEPTH TO WATER | PSI THICKNESS | CORRECTED GROUND WATER ELEVATION |
|-------------|---------------|-----------------------|------------------|----------------|---------------|----------------------------------|
| MW - 8      | 11/29/99      | 3,391.14              | -                | 46.42          | 0.00          | 3,344.72                         |
|             | 03/09/00      | 3,391.14              | -                | 47.37          | 0.00          | 3,343.77                         |
|             | 05/11/00      | 3,391.14              | -                | 47.20          | 0.00          | 3,343.94                         |
|             | 09/12/00      | 3,391.14              | -                | 47.11          | 0.00          | 3,344.03                         |
|             | 12/14/00      | 3,391.14              | -                | 46.75          | 0.00          | 3,344.39                         |
|             | 03/21/01      | 3,391.14              | -                | 46.38          | 0.00          | 3,344.76                         |
|             | 05/30/01      | 3,391.14              | -                | 47.16          | 0.00          | 3,343.98                         |
|             | 09/25/01      | 3,391.14              | -                | 47.50          | 0.00          | 3,343.64                         |
|             | 11/17/01      | 3,391.14              | -                | 47.05          | 0.00          | 3,344.09                         |
|             | 02/20/02      | 3,391.14              | -                | 46.80          | 0.00          | 3,344.34                         |
|             | 05/20/02      | 3,391.14              | -                | 47.38          | 0.00          | 3,343.76                         |
|             | 09/24/02      | 3,391.14              | -                | 48.29          | 0.00          | 3,342.85                         |
|             | 10/29/02      | 3,391.14              | -                | 48.58          | 0.00          | 3,342.56                         |
|             | 11/13/02      | 3,391.14              | -                | 48.69          | 0.00          | 3,342.45                         |
| MW - 9      | 11/29/99      | 3391.47               | -                | 46.65          | 0.00          | 3,344.82                         |
|             | 03/09/00      | 3,391.47              | -                | 47.56          | 0.00          | 3,343.91                         |
|             | 05/11/00      | 3,391.47              | -                | 47.44          | 0.00          | 3,344.03                         |
|             | 09/12/00      | 3,391.47              | -                | 47.38          | 0.00          | 3,344.09                         |
|             | 12/14/00      | 3,391.47              | -                | 46.86          | 0.00          | 3,344.61                         |
|             | 03/21/01      | 3,391.47              | -                | 46.61          | 0.00          | 3,344.86                         |
|             | 05/30/01      | 3,391.47              | -                | 47.33          | 0.00          | 3,344.14                         |
|             | 09/25/01      | 3,391.47              | -                | 47.55          | 0.00          | 3,343.92                         |
|             | 11/17/01      | 3,391.47              | -                | 47.21          | 0.00          | 3,344.26                         |
|             | 02/20/02      | 3,391.47              | -                | 47.03          | 0.00          | 3,344.44                         |
|             | 05/20/02      | 3,391.47              | -                | 47.58          | 0.00          | 3,343.89                         |
|             | 09/24/02      | 3,391.47              | 48.27            | 48.88          | 0.61          | 3,343.11                         |
|             | 10/29/02      | 3,391.47              | 48.72            | 48.76          | 0.04          | 3,342.74                         |
|             | 11/06/02      | 3,391.47              | 48.62            | 49.06          | 0.44          | 3,342.78                         |
|             | 11/13/02      | 3,391.47              | 48.95            | 49.08          | 0.13          | 3,342.50                         |
| MW - 10     | 11/29/99      | 3,391.26              | 46.26            | 47.23          | 0.97          | 3,344.85                         |
|             | 03/09/00      | 3,391.26              | 47.17            | 48.59          | 1.42          | 3,343.88                         |
|             | 05/11/00      | 3,391.26              | 46.67            | 47.69          | 1.02          | 3,344.44                         |
|             | 09/12/00      | 3,391.26              | 46.86            | 47.51          | 0.65          | 3,344.30                         |
|             | 12/14/00      | 3391.26               | 46.61            | 47.51          | 0.90          | 3,344.52                         |
|             | 03/21/01      | 3,391.26              | 47.17            | 48.59          | 1.42          | 3,343.88                         |
|             | 05/30/01      | 3,391.26              | 46.99            | 48.40          | 1.41          | 3,344.06                         |
|             | 09/25/01      | 3,391.26              | 47.18            | 49.57          | 2.39          | 3,343.72                         |
|             | 11/17/01      | 3391.26               | 46.61            | 47.51          | 0.90          | 3,344.52                         |
|             | 02/20/02      | 3,391.26              | 46.76            | 47.88          | 1.12          | 3,344.33                         |
|             | 05/20/02      | 3,391.26              | 47.44            | 47.61          | 0.17          | 3,343.79                         |
|             | 09/24/02      | 3,391.26              | 47.81            | 50.60          | 2.79          | 3,343.03                         |
|             | 10/29/02      | 3,391.26              | 48.01            | 50.77          | 2.76          | 3,342.84                         |
|             | 11/06/02      | 3,391.26              | 48.61            | 50.06          | 1.45          | 3,342.43                         |

\*\*MW-1 COULD NOT BE GAUGED DURING 1st, 2nd OR 3rd QUARTERS DUE TO EXCAVATION

Note: NA denotes Corrected Groundwater Elevations are not applicable due to damaged monitor well.

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

**EOTT ENERGY, LLC**  
**TNM 98-05A**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # EO 2026**

*All concentrations are in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Method: 8260b |         |               |               |
|-----------------|-------------|---------------|---------|---------------|---------------|
|                 |             | BENZENE       | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES |
| MW - 3          | 03/09/00    | 0.015         | 0.012   | 0.002         | 0.002         |
|                 | 05/11/00    | 0.056         | 0.048   | 0.006         | 0.004         |
|                 | 09/12/00    | 0.056         | 0.048   | 0.006         | 0.005         |
|                 | 12/14/00    | 0.013         | 0.014   | 0.002         | 0.002         |
|                 | 03/21/01    | 0.073         | 0.074   | 0.011         | 0.012         |
|                 | 05/30/01    | 0.069         | <0.005  | <0.005        | <0.005        |
|                 | 09/25/01    | 0.008         | 0.007   | 0.001         | 0.001         |
|                 | 11/17/01    | 0.002         | 0.003   | <0.001        | 0.001         |
|                 | 02/20/02    | 0.022         | 0.025   | 0.004         | 0.004         |
|                 | 05/20/02    | 0.040         | 0.041   | 0.008         | 0.009         |
|                 | 09/24/02    | 0.040         | 0.030   | 0.007         | 0.007         |
|                 | 11/13/02    | 0.045         | 0.042   | 0.006         | 0.008         |
| MW - 4          | 03/09/00    | 0.152         | 0.066   | 0.019         | 0.012         |
|                 | 05/11/00    | 0.285         | 0.110   | 0.032         | 0.014         |
|                 | 09/12/00    | 0.269         | 0.068   | 0.026         | 0.006         |
|                 | 12/14/00    | 0.246         | 0.021   | 0.009         | 0.008         |
|                 | 03/21/01    | 0.189         | 0.086   | 0.020         | 0.016         |
|                 | 05/30/01    | 0.107         | <0.005  | 0.019         | <0.005        |
|                 | 09/25/01    | 0.463         | 0.028   | 0.009         | 0.003         |
|                 | 11/17/01    | 0.335         | 0.020   | 0.007         | 0.009         |
|                 | 02/20/02    | 1.090         | 0.046   | 0.011         | 0.011         |
|                 | 05/20/02    | 0.919         | 0.041   | 0.008         | 0.021         |
|                 | 09/24/02    | 0.117         | 0.020   | 0.003         | 0.004         |
|                 | 11/13/02    | 0.082         | 0.073   | 0.010         | 0.017         |
| MW - 5          | 03/09/00    | 0.001         | 0.001   | <0.001        | 0.001         |
|                 | 05/11/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/14/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/21/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.005        | <0.005  | <0.005        | <0.005        |
|                 | 09/25/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/20/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/20/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/24/02    | 0.003         | <0.001  | <0.001        | <0.001        |
|                 | 11/13/02    | 0.002         | 0.001   | <0.001        | <0.001        |

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

**EOTT ENERGY, LLC**  
**TNM 98-05A**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # EO 2026**

*All concentrations are in mg/L*

| SAMPLE LOCATION | SAMPLE DATE | Method: 8260b |         |               |               |
|-----------------|-------------|---------------|---------|---------------|---------------|
|                 |             | BENZENE       | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES |
| MW - 6          | 03/09/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/11/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/14/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/21/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.005        | <0.005  | <0.005        | <0.005        |
|                 | 09/25/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/20/02    | 0.001         | <0.001  | <0.001        | <0.001        |
|                 | 05/20/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/24/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/13/02    | <0.001        | <0.001  | <0.001        | <0.001        |
| MW - 7          | 05/11/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/14/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/21/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.005        | <0.005  | <0.005        | <0.005        |
|                 | 09/25/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/20/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/20/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/24/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/13/02    | <0.001        | <0.001  | <0.001        | <0.001        |
| MW - 8          | 03/09/00    | 0.001         | <0.001  | 0.001         | <0.001        |
|                 | 05/11/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/12/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 12/14/00    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 03/21/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 05/30/01    | <0.005        | <0.005  | <0.005        | <0.005        |
|                 | 09/25/01    | 0.001         | <0.001  | <0.001        | <0.001        |
|                 | 11/17/01    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 02/20/02    | 0.005         | <0.001  | 0.002         | <0.001        |
|                 | 05/20/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 09/24/02    | <0.001        | <0.001  | <0.001        | <0.001        |
|                 | 11/13/02    | 0.002         | <0.001  | <0.001        | <0.001        |

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

**EOTT ENERGY, LLC**  
**TNM 98-05A**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # EO 2026**

*All concentrations are in mg/L*

| SAMPLE<br>LOCATION | SAMPLE<br>DATE | Method: 8260b |         |                   |                  |
|--------------------|----------------|---------------|---------|-------------------|------------------|
|                    |                | BENZENE       | TOLUENE | ETHYL-<br>BENZENE | TOTAL<br>XYLEMES |
| MW - 9             | 03/09/00       | 0.029         | 0.009   | 0.028             | 0.021            |
|                    | 05/11/00       | 0.056         | 0.034   | 0.008             | 0.009            |
|                    | 09/12/00       | 0.232         | 0.031   | 0.006             | 0.004            |
|                    | 12/14/00       | 0.030         | 0.015   | 0.003             | 0.002            |
|                    | 03/21/01       | 0.158         | 0.081   | 0.016             | 0.017            |
|                    | 05/30/01       | 0.532         | <0.005  | <0.005            | <0.005           |
|                    | 09/25/01       | 0.490         | 0.212   | 0.161             | 0.132            |
|                    | 11/17/01       | 0.014         | 0.047   | 0.025             | 0.030            |
|                    | 02/20/02       | 0.158         | 0.042   | 0.046             | 0.052            |
|                    |                |               |         |                   |                  |
| EB - 1             | 03/21/01       | <0.001        | <0.001  | <0.001            | <0.001           |
|                    | 05/30/01       | <0.005        | <0.005  | <0.005            | <0.005           |
|                    | 11/17/01       | <0.001        | <0.001  | <0.001            | <0.001           |
|                    | 02/20/02       | <0.001        | <0.001  | <0.001            | <0.001           |
|                    | 05/20/02       | <0.001        | <0.001  | <0.001            | <0.001           |
|                    | 09/24/02       | <0.001        | <0.001  | <0.001            | <0.001           |
|                    |                |               |         |                   |                  |

## **APPENDICES**

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

*Analyst*  
D17L4S45  
HIC

# FILE

4221 Friedrich 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:    | Camille Reynolds         |       |  |
| Address: | 2510 W. Maryland         |       |  |
| Hobbs    | NM                       | 88240 |  |
| Phone:   | 505 397-4701             |       |  |
| FAX:     | 505 397-4882             |       |  |

## REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Prec. <sup>7</sup> | Recover. <sup>2</sup> | CCV <sup>4</sup> | LCS <sup>1</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|--------------------|-----------------------|------------------|------------------|
| Volatile organics 8260b/DTEX | ...    | ...   | ...              | ...   | 02/28/02 | 8260b               | ---                | ---                   | ---              | ---              |
| Benzene                      | 21.6   | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ---                | 0.7                   | 97               | 97.5             |
| Toluene                      | 3.68   | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ---                | 0.2                   | 98               | 99               |
| m,p-Xylenes                  | 2.92   | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ---                | 0.1                   | 99.7             | 101.1            |
| o-Xylene                     | 1.14   | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ---                | 0.9                   | 97.3             | 96.9             |
| Volatiles                    | 24.6   | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ---                | 1.8                   | 105              | 106.4            |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © 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 (PRC) is the absolute value of the relative percent (% difference between duplicate measurements).
3. Recovery (Reco.) 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 (RQLs), typically at or above the Practical Quantitation Limit (PQL) of the analytical method.
6. Altered 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 (PD) recovery exceeds advisory limit, S3 = MS and/or MSD and FDS recoveries exceed advisory limits, P = Precision higher than advisory limit, M = Matrix interference.

# *Environmental*

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78404-03  
(512) 444-5896 • FAX (512) 447-4766

Cheat:  
Attu:  
Camille Reynolds

## REPORT OF SURROGATE RECOVERY

| Surrogate Compound                | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d <sub>2</sub> | 8260b  | 117      | 80-120         | ---             |
| Toluene-d <sub>8</sub>            | 8260b  | 93.9     | 88-110         | ---             |

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

Project ID: TNM 98-05 A EOT 2026C  
Sample Name: MW 3

Report#/Lab ID#: 1261-17  
Sample Matrix: water

# AnalySys

4221 Friedrich 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:** Cauchie Reynolds  
**Address:** 2540 W. Maryland  
 Hobbs  
**Phone:** 505 397-1882      **FAX:** 505 397-4701

## REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQ.L. <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 | ...    | ...   | ...                | ...   | 02/28/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 1090   | µg/L  | 10                 | <10   | 02/28/02 | 8260b               | ---                    | 0.7                | 97                  | 97.5             | 100.1            |
| Ethylbenzene                 | 11     | µg/L  | 1                  | <1    | 02/28/02 | 8260b               | ---                    | 0.2                | 98                  | 99               | 97.1             |
| m,p-Xylenes                  | 8.4    | µg/L  | 1                  | <1    | 02/28/02 | 8260b               | ---                    | 0.1                | 99.7                | 101.1            | 100.1            |
| o-Xylene                     | 2.61   | µg/L  | 1                  | <1    | 02/28/02 | 8260b               | ---                    | 0.9                | 96                  | 97.3             | 96.9             |
| Toluene                      | 45.9   | µg/L  | 1                  | <1    | 02/28/02 | 8260b               | ---                    | 1.8                | 105                 | 106.4            | 107.4            |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © 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 (RFE%) 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 MQL, R = Analyte detected in associated method blank(s), S1 =MS and/or MSD and FDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

# Surrogate

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78404-08  
(512) 444-5896 • FAX (512) 447-4766

Report# / Lab ID#: 126148  
Sample Matrix: water

Project ID: TNM 98-05 A FOT 2026C  
Sample Name: MW 4

Client: Environmental Tech Group  
Attn: Candice Reynolds

## REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d1 | 8260b  | 105      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 93.9     | 88-110         | ---             |

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

**FINAL 4545**

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2009 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 444-5896 • FAX (512) 447-4766

**REPORT OF ANALYSIS**

|          |                                     |    |       |  |  |
|----------|-------------------------------------|----|-------|--|--|
| Client:  | Environmental Tech Group            |    |       |  |  |
| Attn:    | Camille Reynolds                    |    |       |  |  |
| Address: | 2510 W. Maryland                    |    |       |  |  |
|          | Hobbs                               | NM | 88240 |  |  |
| Phone:   | 505 397-4882      FAX: 505 397-4701 |    |       |  |  |

**REPORT OF ANALYSIS**

| Parameter                   | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|-----------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260/BTEX | ...    | ...   | ...              | ...   | 02/28/02 | 8260b               | J                      | 1.2                | 96                  | 100.1            | 97.5             |
| Benzene                     | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ...                    | 2.4                | 93.4                | 97.1             | 96.7             |
| Ethyl benzene               | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ...                    | 3                  | 95.2                | 100.1            | 98.9             |
| m,p Xylenes                 | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ...                    | 2                  | 92.3                | 96.9             | 96.1             |
| o-Xylene                    | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ...                    | 1.7                | 104.2               | 107.4            | 106.4            |
| Toluene                     | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | ...                    | ...                | ...                 | ...              | ...              |

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

| 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 TDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

# *Final Line*

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: TNM 98-05 A EOT 2026C  
Sample Name: MW 5

Report#Lab ID#: 1261-19  
Sample Matrix: Water

## REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d1 | 8260b  | 104      | 80-120         | ----            |
| Toluene-d8            | 8260b  | 91.9     | 88-110         | ----            |

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

## Exceptions Report:

|                                    |                        |
|------------------------------------|------------------------|
| Report #/Lab ID#: 126149           | Matrix: water          |
| Client: Environmental Tech Group   | Attn: Camille Reynolds |
| Project ID: TNRI 98-05 A EOT 2026C |                        |
| Sample Name: MW 5                  |                        |

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

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

### Sample Bottles & Preservation

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

### J Flag Discussion

A J flag data qualifier indicates (as required under TMRCC-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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fraction noise.)

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

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

Notes:

*QmL 4G45*

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Client: Environmental Tech Group  
Attn: Camille Reynolds  
Address: 2510 W. Maryland  
            Hobbs  
Phone: 505 397-4882      FAX: 505 397-4701

#### REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recovery <sup>3</sup> | CCV <sup>4</sup> | UCL <sup>7</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|-----------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ...    | ...   | ...              | ...   | 02/28/02 | 8260b               | ...                    | ...                | ...                   | ...              | ...              |
| Benzene                      | 1.16   | µg/L  | <1               | <1    | 02/28/02 | 8260b               | ...                    | 1.2                | 96                    | 100.1            | 97.5             |
| Ethyl Benzene                | <1     | µg/L  | <1               | <1    | 02/28/02 | 8260b               | ...                    | 2.4                | 93.1                  | 97.1             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | <1               | <1    | 02/28/02 | 8260b               | ...                    | 3                  | 95.2                  | 100.1            | 98.9             |
| o-Xylene                     | <1     | µg/L  | <1               | <1    | 02/28/02 | 8260b               | ...                    | 2                  | 92.3                  | 96.9             | 96.4             |
| Toluene                      | <1     | µg/L  | <1               | <1    | 02/28/02 | 8260b               | ...                    | 1.7                | 101.2                 | 107.4            | 106.4            |

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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 (PRF%) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recovery) 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 Quantification Units (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 MQL. J1 = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limits. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

*DNCI* 4545  
Edition 12

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Client: Environmental Tech Group  
Attn: Caouille Reynolds

REPORT OF SURROGATE RECOVERY

Project ID: TNM 98-05 A BOT 2026C  
Sample Name: MW 6

Report#Lab ID#: 126150  
Sample Matrix: water

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 98.8     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 93.9     | 88-110         | ---             |

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

**Analytical Services**

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**Client:** Environmental Tech Group  
**Alt:** Caenille Reynolds  
**Address:** 2510 W. Maryland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recover <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>7</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|----------------------|------------------|------------------|
| Volatile organics-8260M/BTEX | "      | "     | "                | "     | 02/28/02 | 8260b               | --                     | --                 | --                   | --               | --               |
| Benene                       | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | 1                      | 1.2                | 96                   | 100.1            | 97.5             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | --                     | 2.4                | 93.1                 | 97.1             | 96.7             |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | --                     | 3                  | 95.2                 | 100.1            | 98.9             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | --                     | 2                  | 92.3                 | 96.9             | 96.4             |
| Toluene                      | <1     | µg/L  | 1                | <1    | 02/28/02 | 8260b               | --                     | 1.7                | 104.2                | 107.4            | 106.4            |

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Respectfully Submitted,

*Richard J. Lester*

Richard J. Lester

Report Date: 03/01/02

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

|       | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recover <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>7</sup> |
|-------|---------------------|------------------------|--------------------|----------------------|------------------|------------------|
| 8260b | 1                   | 1.2                    | 96                 | 100.1                | 97.5             | --               |
| 8260b | --                  | 2.4                    | 93.1               | 97.1                 | 96.7             | --               |
| 8260b | --                  | 3                      | 95.2               | 100.1                | 98.9             | --               |
| 8260b | --                  | 2                      | 92.3               | 96.9                 | 96.4             | --               |
| 8260b | --                  | 1.7                    | 104.2              | 107.4                | 106.4            | --               |

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute difference between duplicate measurements. 3. Recovery (RECO) 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.

# Environ. Chem. Inc.

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2209 N. Padre Island Dr., Corpus Christi, TX 78404-08  
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group  
Attn: Camille Reynolds

## REPORT OF SURROGATE RECOVERY

Project ID: TNM 98-05 A EOT 2026C  
Sample Name: MW 7

Report# /Lab ID#: 126151  
Sample Matrix: water

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2 Dichloroethane-d4 | 8260b  | 99.1     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 94.4     | 88-110         | ---             |

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

## Exceptions Report:

Report #/Lab ID#: 126151 Matrix: water  
Client: Environmental Tech Group Attm: Cauille Reynolds  
Project ID: TNW 98-05 A EOT 2026C  
Sample Name: MW 7

### 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 inappropriate 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 TNRC-C-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-fraction noise.)

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

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

Notes:

**Analys**  
Inc.

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**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds  
**Address:** 2510 W. Maryland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank    | Date     | Method <sup>6</sup> |
|------------------------------|--------|-------|------------------|----------|----------|---------------------|
| Volatile organics 8260b/BTEX | ~      | µg/L  | ---              | 02/28/02 | 8260b    |                     |
| Benzene                      | 4.8    | µg/L  | 1                | <1       | 02/28/02 | 8260b               |
| Ethylbenzene                 | 1.63   | µg/L  | 1                | <1       | 02/28/02 | 8260b               |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1       | 02/28/02 | 8260b               |
| o-Xylene                     | <1     | µg/L  | 1                | <1       | 02/28/02 | 8260b               |
| Toluene                      | <1     | µg/L  | 1                | <1       | 02/28/02 | 8260b               |

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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 (URF<sup>7</sup>) 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 Limit (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 = MIS and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

|                                   |                       |
|-----------------------------------|-----------------------|
| Report# / Lab ID#: 126152         | Report Date: 03/01/02 |
| Project ID: TNM 98-05 A EOT 2026C |                       |
| Sample Name: MW 8                 |                       |
| Sample Matrix: water              |                       |
| Date Received: 02/26/2002         | Time: 09:37           |
| Date Sampled: 02/20/2002          | Time: 13:30           |

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

|  | Data | Qual <sup>2</sup> | Prec. <sup>3</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>5</sup> |
|--|------|-------------------|--------------------|---------------------|------------------|------------------|
|  | ---  | ---               | ---                | ---                 | ---              | ---              |

# Environmental Services Inc.

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 7840108  
(512) 444-5896 • FAX (512) 447-4766

|         |                          |              |                       |
|---------|--------------------------|--------------|-----------------------|
| Client: | Environmental Tech Group | Project ID:  | TNM 98-05 A EOT 2026C |
| Alt:    | Camille Reynolds         | Sample Name: | MW 8                  |

## REPORT OF SURROGATE RECOVERY

| Surrogate Compound     | Method | Recovery | Recovery Limit | Data Qualifier's |
|------------------------|--------|----------|----------------|------------------|
| 1,2-Dichloroethane-d11 | 8260b  | 103      | 80-120         | ---              |
| Toluene-d8             | 8260b  | 93.8     | 88-110         | ---              |

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

# Analytical Services

Client: Environmental Tech Group  
 Attn: Camille Reynolds  
 Address: 2510 W. Maryland  
 Hobbs NM 88240  
 Phone: 505 397-4882 FAX: 505 397-4701

## REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQl <sup>5</sup> | Blank | Date     | Method <sup>6</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|
| Volatile organics-8260b/BTEX | ...    | ...   | ...              | ...   | 02/27/02 | 8260b               |
| Benzene                      | 158    | µg/L  | 1                | <1    | 02/27/02 | 8260b               |
| Toluene                      | 46     | µg/L  | 1                | <1    | 02/27/02 | 8260b               |
| m,p-Xylenes                  | 11.1   | µg/L  | 1                | <1    | 02/27/02 | 8260b               |
| o-Xylene                     | 41.3   | µg/L  | 1                | <1    | 02/27/02 | 8260b               |
| Toluene                      | 41.5   | µg/L  | 1                | <1    | 02/27/02 | 8260b               |

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Respectfully Submitted,

*Richard Easter*

Richard Easter

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

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Report# /Lab ID#: 126153 Report Date: 03/01/02

Project ID: TNM 98-05 A EOT 2026C

Sample Name: MW 9

Sample Matrix: water

Date Received: 02/26/2002 Time: 09:37

Date Sampled: 02/20/2002 Time: 14:17

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

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

**DNOLY945**

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2209 N. Padre Island Dr., Corpus Christi, TX 78404-408  
(512) 444-5896 • FAX (512) 447-4766

|                                     |                          |          |                |                 |
|-------------------------------------|--------------------------|----------|----------------|-----------------|
| Client:                             | Environmental Tech Group |          |                |                 |
| Attn:                               | Cawville Reynolds        |          |                |                 |
| <b>REPORT OF SURROGATE RECOVERY</b> |                          |          |                |                 |
| Surrogate Compound                  | Method                   | Recovery | Recovery Limit | Data Qualifiers |
| 1,2-Dichloroethane-d4               | 8260b                    | 89.5     | 80-120         | ---             |
| Toluene-d8                          | 8260b                    | 98.5     | 88-110         | ---             |

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

|                                  |
|----------------------------------|
| Project ID: TNM 98-05 AEOT 2026C |
| Sample Name: MW 9                |
| Report# /Lab ID#: 126153         |
| Sample Matrix: water             |

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 89.5     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 98.5     | 88-110         | ---             |

*Analysys Inc.*

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 Address: 2540 W. Maryland  
 Hobbs  
 Phone: 505 397-1882      FAX: 505 397-4701

#### REPORT OF ANALYSIS

| Parameter                     | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method 6 | Method 6 | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recovery <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|-------------------------------|--------|-------|------------------|-------|----------|----------|----------|------------------------|--------------------|-----------------------|------------------|------------------|
| Validated organics-8260b-BTEX | ...    | ...   | ...              | ...   | 02/27/02 | 8260b    | ...      | ...                    | ...                | ...                   | ...              | ...              |
| Benzene                       | <1     | µg/L  | 1                | <1    | 02/27/02 | 8260b    | ...      | 0.7                    | 97                 | 97.5                  | 100.1            | ...              |
| Toluene                       | <1     | µg/L  | 1                | <1    | 02/27/02 | 8260b    | ...      | 0.2                    | 98                 | 99                    | 97.1             | ...              |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 02/27/02 | 8260b    | ...      | 0.1                    | 99.7               | 101.1                 | 100.1            | ...              |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 02/27/02 | 8260b    | ...      | 0.9                    | 96                 | 97.3                  | 96.9             | ...              |
| Toluene                       | <1     | µg/L  | 1                | <1    | 02/27/02 | 8260b    | ...      | 1.8                    | 105                | 106.4                 | 107.4            | ...              |

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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 (PRC%) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recovery) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control of Sample (LCS) controls are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limit (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 MBL. If J = 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 PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

**Environmental**

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78410-08  
(512) 444-5896 • FAX: (512) 447-4766

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: TNM 98-05 A EOT 2026C  
Sample Name: EB 1

Report#//Lab ID#: 126154  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 97.3     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 92.4     | 88-110         | ----            |

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

Case # 24

## CHIN-OFF-UNSTUDY

Send Reports To:

Company Name East  
 Address 25 E. 4th St.  
 City St. Paul State Abn Zip 55101  
 Attn: John C. K. & S. R. G. G. D. S.  
 Phone/Fax (612) 227-4701

Rush Status (must be confirmed with lab mgr.):  
 Project Name 8-05 A Sample 2026 C

Bill to (if different):

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

Analytes Requested (1)

Please attach analytical parameter list(s) if applicable

Chain of Custody

4220 Birchdale Lane Suite 100, Webster, NY 14570  
 Phone (716) 494-9600  
 Fax (716) 494-0746

| Chit Sample No. | Description/Identification | Date Sampled | Time Sampled | No. of Containers | Soil | Water | Waste | Lab I.D. #<br>(Lab only) | Comments |
|-----------------|----------------------------|--------------|--------------|-------------------|------|-------|-------|--------------------------|----------|
| 126143          | 2-20-01 15:03              | 2            |              |                   |      |       |       | 126147                   |          |
| 126144          | 2-20-01 15:12              | 2            |              |                   |      |       |       | 126148                   |          |
| 126145          | 2-20-01 15:24              | 2            |              |                   |      |       |       | 126149                   |          |
| 126146          | 2-20-01 15:25              | 2            |              |                   |      |       |       | 126150                   |          |
| 126147          | 2-20-01 15:06              | 2            |              |                   |      |       |       | 126151                   |          |
| 126148          | 2-20-01 15:30              | 2            |              |                   |      |       |       | 126152                   |          |
| 126149          | 2-20-01 15:31              | 2            |              |                   |      |       |       | 126153                   |          |
| 126150          |                            |              |              |                   |      |       |       | 126154                   |          |

Order is explicitly 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 ASI's method of choice. ASI will not be held responsible for any analytical parameter lists specified on this chain-of-custody or attached to this chain-of-custody, ASI will decline to quote, bid, or accept any bid if ASI's opinion, Specific compound lists must be supplied for all GC procedures.

Perf.: DC

| Sample Received By             |             |         |       |
|--------------------------------|-------------|---------|-------|
| Name                           | Affiliation | Date    | Time  |
| John C. K. & S. R. G. G. D. S. | East        | 2-25-02 | 12:00 |

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

# FILE

QTROL YGYS  
mE.

4221 Friedrich 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: Camille Reynolds  
Address: 2540 W. Maryland  
Hobbs NM 88240  
Phone: 505 397-4882 FAX: 505 397-4701

## REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank    | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------------|--------|-------|------------------|----------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    | µg/L  | ---              | 05/23/02 | 8260b    | ---                 | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | 40     | µg/L  | 1                | <1       | 05/23/02 | 8260b               | ---                    | 13.9               | 92.5                | 93.1             | 95.3             |
| Ethylbenzene                 | 7.87   | µg/L  | 1                | <1       | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106              |
| m,p-Xylenes                  | 5.8    | µg/L  | 1                | <1       | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6            |
| o-Xylene                     | 3.03   | µg/L  | 1                | <1       | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7            |
| Toluene                      | 41.3   | µg/L  | 1                | <1       | 05/23/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1            |

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

**CHROMATOCHEM**

4221 Friedrich 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 | Project ID:  | TNM-98-05A EOT 2026C |
| Attn:   | Camille Reynolds         | Sample Name: | MW 3                 |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 91.1     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 99.6     | 88-110         | ---             |

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

**Official USE**

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78108  
(512) 444-5896 • FAX (512) 447-4766

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds  
**Address:** 2510 W. Markland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

| Parameter                   | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|-----------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics 8260/B1EN | ---    | µg/L  | ---              | ---   | 05/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                     | 919    | µg/L  | 10               | <10   | 05/28/02 | 8260b               | ---                    | 13.9               | 92.5                | 93.1             | 95.3             |
| Ethylbenzene                | 7.96   | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106              |
| m,p-Xylenes                 | 16.3   | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6            |
| o-Xylene                    | 4.28   | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7            |
| Toluene                     | 41.4   | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1            |

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

**Report#/Lab ID#:** 129932 **Report Date:** 05/29/02  
**Project ID:** TNM-98-05A EOT 2026C  
**Sample Name:** MW 4  
**Sample Matrix:** water  
**Date Received:** 05/22/2002 **Time:** 08:30  
**Date Sampled:** 05/20/2002 **Time:** 11:30

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

|  | 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> |
|--|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
|  | 8260b               | ---                    | ---                | ---                 | ---              | ---              |

**Chromsys**

4221 Friedrich 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 | Project ID: TNNI-98-0SA EOT 2026C | Report# /Lab ID#: 129932 |
| Attn:   | Camille Reynolds         | Sample Name: MW 4                 | Sample Matrix: water     |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 92.5     | 80-120         | ---             |
| Volume-d8             | 8260b  | 101      | 88-110         | ---             |

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

**Ornitho Sys Inc.**

4221 Friedrich 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           |      |              |
| Att:     | Camille Reynolds                   |      |              |
| Address: | 2540 W. Mackland<br>Holds NM 88240 |      |              |
| Phone:   | 505 397-4882                       | FAX: | 505 397-4701 |

#### REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | I CS <sup>4</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|-------------------|
| Volatile organics-8260b/WTEX | ---    | ---   | ---              | ---   | 05/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---               |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/28/02 | 8260b               | J                      | 13.9               | 92.5                | 93.1             | 95.3              |
| Ethy Benzene                 | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106               |
| m,p Xylenes                  | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6             |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7             |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/28/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1             |

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Respectfully Submitted

*Richard Laster*

Richard Laster

| QUALITY ASSURANCE DATA <sup>1</sup> |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                                     |  |  |  |  |  |  |  |  |  |  |  |
|                                     |  |  |  |  |  |  |  |  |  |  |  |

<sup>1</sup> 1. Quality assurance data is for the sample batch which included this sample. 2. Precision (I/REC) 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 = analytic potentially present between the PQL and the MQL, 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 limits. S3 = MIS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

|                   |                       |              |          |
|-------------------|-----------------------|--------------|----------|
| Report# /Lab ID#: | 129933                | Report Date: | 05/29/02 |
| Project ID:       | TNNM-98-05A EOT 2026C |              |          |
| Sample Name:      | MW 5                  |              |          |
| Sample Matrix:    | water                 |              |          |
| Date Received:    | 05/22/2002            | Time:        | 08:30    |
| Date Sampled:     | 05/20/2002            | Time:        | 10:37    |

**CHNU 4545**

4221 Friedrich 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 | Project ID:  | TNM-98-05A EO1 2026C |
| Alt:    | Camille Reynolds         | Sample Name: | MW 5                 |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 114      | 80-120         | ---             |
| Ethene-d8             | 8260b  | 99.9     | 88-110         | ---             |

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

|                |         |
|----------------|---------|
| Report#        | Lab ID# |
| Sample Matrix: | water   |

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 129933         | Matrix: water | Attn: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: TNM-98-05A EOF 2026C |               |                        |
| Sample Name: NW 5                |               |                        |

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

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

### Sample Bottles & Preservation

- Sample received in appropriate container(s) and appear to be appropriately preserved.
- Sample received in inappropriate 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 and levels/blocks 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   | 1      | See J flag discussion above. |

Notes:

**AnalySys**  
HLC.

4224 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 445-3896 • FAX (512) 447-4766

**Client:** Environmental Fresh Group  
**Att:** Camille Reynolds  
**Address:** 2540 W. Marland  
 Hollis  
 NM 88240  
**Phone:** 505 397-4882    **FAX:** 505 397-4701

#### REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics 8260b/BTEX | ---    | ---   | ---              | ---   | 05/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 13.9               | 92.5                | 93.1             | 95.3             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106              |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1            |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results agree reasonably 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 = analyte potentially present between the PQL and the MDL, B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

|                                  |                       |
|----------------------------------|-----------------------|
| Report#/Lab ID#: 129934          | Report Date: 05/29/02 |
| Project ID: TNM-98-05A EOT 2026C |                       |
| Sample Name: MW 6                |                       |
| Sample Matrix: water             |                       |
| Date Received: 05/22/2002        | Time: 08:30           |
| Date Sampled: 05/20/2002         | Time: 09:30           |

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

**CHIULY CONS**

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 | Project ID:  | TNM-98-05A IOT 2026C |
| Attn:                               | Camille Reynolds         | Sample Name: | MW 6                 |
| <b>REPORT OF SURROGATE RECOVERY</b> |                          |              |                      |

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 99.8     | 80-120         | ---             |
| Volume d8             | 8260b  | 94.8     | 88-110         | ---             |

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

|                   |        |
|-------------------|--------|
| Report# /Lab ID#: | 129934 |
| Sample Matrix:    | water  |

**Analysys**  
Inc.

4221 Friedrich 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: Camille Reynolds  
 Address: 2540 W. Maryland  
 Holds NM 88240  
 Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

| Parameter                    | Result | Units | RQI, <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 | ---    | ---   | ---               | ---   | 05/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                 | <1    | 05/23/02 | 8260b               | ---                    | ---                | 13.9                | 92.5             | 93.1             |
| Ethylbenzene                 | <1     | µg/L  | 1                 | <1    | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106              |
| m,p-Xylenes                  | <1     | µg/L  | 1                 | >1    | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6            |
| o-Xylene                     | <1     | µg/L  | 1                 | <1    | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7            |
| Toluene                      | <1     | µg/L  | 1                 | <1    | 05/23/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1            |

This analytical report is specifically 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. 7. Data Qualifiers are 1 = analyte potentially present between the PQL and the MDL. 11 = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

| Report# / Lab ID#: | 120935                | Report Date: | 05/29/02 |
|--------------------|-----------------------|--------------|----------|
| Project ID:        | TNN1-98-05A EOT 2026C |              |          |
| Sample Name:       | MW 7                  |              |          |
| Sample Matrix:     | water                 |              |          |
| Date Received:     | 05/22/2002            | Time:        | 08:30    |
| Date Sampled:      | 05/20/2002            | Time:        | 09:57    |

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

|  | 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> |
|--|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
|  | 8260b               | ---                    | ---                | ---                 | ---              | ---              |

**ONCIL 9545**

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 444-5996 • FAX (512) 447-4766

|         |                          |              |                       |
|---------|--------------------------|--------------|-----------------------|
| Client: | Environmental Tech Group | Project ID:  | TNNM-98-05A EOT 2026C |
| Attn:   | Camille Reynolds         | Sample Name: | MW 7                  |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 103      | 80-120         | ---             |
| 1,4-Dioxane-d8        | 8260b  | 97.8     | 88-110         | ---             |

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

|         |         |
|---------|---------|
| Report# | Lab ID# |
| 129935  | 129935  |

Sample Matrix: water

**Analys**  
sys

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

**REPORT OF ANALYSIS**

|          |                                 |  |  |  |  |
|----------|---------------------------------|--|--|--|--|
| Client:  | Environmental Tech Group        |  |  |  |  |
| Attn:    | Candille Reynolds               |  |  |  |  |
| Address: | 2540 W. Markland Hobbs NM 88240 |  |  |  |  |
| Phone:   | 505 397-4882 FAX: 505 397-4701  |  |  |  |  |

|                 |                      |              |          |
|-----------------|----------------------|--------------|----------|
| Report#Lab ID#: | 129936               | Report Date: | 05/29/02 |
| Project ID#:    | TNM-98-05A EOT 2026C |              |          |
| Sample Name:    | MW 8                 |              |          |
| Sample Matrix:  | water                |              |          |
| Date Received:  | 05/22/2002           | Time:        | 08:30    |
| Date Sampled:   | 05/20/2002           | Time:        | 09:00    |

**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>1</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics-8260b/BTEX | ---    | µg/L  | ---              | ---   | 05/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 13.9               | 92.5                | 93.1             | 95.3             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106              |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1            |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © 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 (Reov.) is the percent (%) of analytic 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 Limit (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 noninert quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MQL, H = Analyte detected in associated method blank(s), S1 =MS and/or MSL and PDS recoveries exceed advisory limits. S3 =MS and/or MSL and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

*7/17/01 LWS*

4221 Friedrich Lane, Suite 190, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78008  
(512) 444-5896 • FAX (512) 447-4766

|         |                          |              |                      |
|---------|--------------------------|--------------|----------------------|
| Client: | Environmental Tech Group | Project ID:  | TNM-98-05A EOT 2026C |
| Attn:   | Camille Reynolds         | Sample Name: | MW 8                 |

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 91.5     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 98.8     | 88-110         | ---             |

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

Report#(Lab ID#): 120936  
Sample Matrix: water

**Analytical Systems**

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

**REPORT OF ANALYSIS**

|                 |                          |
|-----------------|--------------------------|
| <b>Client:</b>  | Environmental Tech Group |
| <b>Attn:</b>    | Caronille Reynolds       |
| <b>Address:</b> | 2540 W. Marland          |
| <b>Holds:</b>   | NM 88240                 |
| <b>Phone:</b>   | 505 397-4882             |
| <b>FAX:</b>     | 505 397-4701             |

|                       |                      |                     |          |
|-----------------------|----------------------|---------------------|----------|
| <b>Report#</b>        | Lab ID#: 129937      | <b>Report Date:</b> | 05/29/02 |
| <b>Project ID:</b>    | TNM-98-05A EOT 2026C |                     |          |
| <b>Sample Name:</b>   | EB-1                 |                     |          |
| <b>Sample Matrix:</b> | water                |                     |          |
| <b>Date Received:</b> | 05/22/2002           | <b>Time:</b>        | 08:30    |
| <b>Date Sampled:</b>  | 05/20/2002           | <b>Time:</b>        | 11:45    |

**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 | ---    | ---   | ---              | ---   | 05/23/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 13.9               | 92.5                | 93.1             | 95.3             |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.1                | 107.4               | 108.5            | 106              |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 1.3                | 115.3               | 115.7            | 112.6            |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 0.5                | 112.7               | 111.5            | 110.7            |
| Toluene                      | <1     | µg/L  | 1                | <1    | 05/23/02 | 8260b               | ---                    | 15.6               | 102.2               | 102.8            | 106.1            |

This analytical report is respectfully submitted by Analytical Systems, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with Analytical Systems, Inc.'s Quality Assurance/Quality Control program. © Copyright 2000, Analytical Systems, 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 Analytical Systems, 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 analytic recovered from a spiking 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. 1 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 =MSD and/or MSD recovery exceed advisory limits, S2 =Post digestion spike (PDS) recovery exceeds advisory limit, S3 =MSD and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

# Surrogates

4221 Friedrich 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 | Project ID:  | TNM-98-05A EOT 2026C |
| Attn:                   | Camille Reynolds         | Sample Name: | EB-1                 |
| Report#/Lab ID#: 129937 |                          |              |                      |
| Sample Matrix: water    |                          |              |                      |

## REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d1 | 8260b  | 90.5     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 94.6     | 88-110         | ---             |

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

# CHAIN OF CUSTODY

## Send Reports to:

Company Name E.I.G.L.  
 Address 1516 E. 11th St. City Houston State TX Zip 77248  
 City Houston State TX Zip 77248 ATTN: Project Manager  
 Phone 512-482-2182 Fax 512-479-4701

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

Project Name/PO# 11001 - 98-054 Sampler: Simon Casas  
E.I.G.L. - 2162 LC

## Bill to (if different)

Company Name E.O.T.T.

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 ATTN: \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

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

Project Name/PO# 11001 - 98-054 Sampler: Simon Casas  
E.I.G.L. - 2162 LC

| Client Sample No. | Date Sampled | Time Sampled | No. of Containers | Soil | Water/Waste | Lab I.D. #    | Comments |
|-------------------|--------------|--------------|-------------------|------|-------------|---------------|----------|
| 1                 | 5/20/92      | 11:25        | 2                 | X    |             | <b>129931</b> |          |
| 2                 |              | 11:30        |                   |      |             | <b>129932</b> |          |
| 3                 |              | 12:37        |                   |      |             | <b>129933</b> |          |
| 4                 |              | 12:39        |                   |      |             | <b>129934</b> |          |
| 5                 |              | 12:57        |                   |      |             | <b>129935</b> |          |
| 6                 |              | 12:59        |                   |      |             | <b>129936</b> |          |
| 7                 |              | 1:45         | ✓                 |      |             | <b>129937</b> |          |

| Client Sample No. | Date Sampled | Time Sampled | No. of Containers | Soil | Water/Waste | Lab I.D. #    | Comments |
|-------------------|--------------|--------------|-------------------|------|-------------|---------------|----------|
| 1                 | 5/20/92      | 11:25        | 2                 | X    |             | <b>129931</b> |          |
| 2                 |              | 11:30        |                   |      |             | <b>129932</b> |          |
| 3                 |              | 12:37        |                   |      |             | <b>129933</b> |          |
| 4                 |              | 12:39        |                   |      |             | <b>129934</b> |          |
| 5                 |              | 12:57        |                   |      |             | <b>129935</b> |          |
| 6                 |              | 12:59        |                   |      |             | <b>129936</b> |          |
| 7                 |              | 1:45         | ✓                 |      |             | <b>129937</b> |          |

b) 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 units (MDA/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 Pollutants or ASI's HST list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Terms: O.C.

| Sample Relinquished By | Sample Received By |                |             |                           |
|------------------------|--------------------|----------------|-------------|---------------------------|
| Name                   | Affiliation        | Date           | Time        | Name                      |
| <u>Simon Casas</u>     | <u>E.I.G.L.</u>    | <u>5-21-92</u> | <u>1500</u> | <u>Analyst supervisor</u> |

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

**Analysys**

4221 Fieldtrich Lane, Suite 190, Austin, TX 78744  
 (512) 444-5896

C O L : ASG

**Analyses Requested (I)**  
 Please attach explanatory information as required

**Analysys**  
INC.

Client: Environmental Tech Group  
 Attn: Ken Hallton  
 Address: 2510 W. Maryland  
 Hobbs, NM 88240  
 Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

| Parameter                | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|--------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics & BTEX | --     | µg/L  | --               | --    | 10/01/02 | 8260b               | --                     | --                 | --                  | --               | --               |
| Benzene                  | 40     | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 8.8                | 97.6                | 94.9             | 122.8            |
| Ethylbenzene             | 7.14   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 6.7                | 123.4               | 114.9            | 114.9            |
| m,p-Nitroenes            | 4.71   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 5.2                | 114                 | 108.7            | 107              |
| o,N-Toluene              | 2.71   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 5.3                | 103                 | 97.2             | 95.9             |
| Toluene                  | 30.2   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 8.1                | 97.5                | 100.3            | 100.4            |

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

Richard Easter

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PRF) 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 Quantification 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 nonlimit quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MLL, B = Analyte detected in associated method blank(s), S1 =MS and/or MSD recovery exceed advisory limits, S2 =Post digestion spike (IDS) recovery exceeds advisory limit, S3 =MS and/or MSD and TDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

|                                |                       |
|--------------------------------|-----------------------|
| Report#Lab ID#: 134182         | Report Date: 10/01/02 |
| Project ID: TNM 98-05A EO 2026 |                       |
| Sample Name: MW 3              |                       |
| Sample Matrix: water           |                       |
| Date Received: 09/26/2002      | Time: 09:50           |
| Date Sampled: 09/24/2002       | Time: 11:19           |

**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 & BTEX | --     | µg/L  | --               | --    | 10/01/02 | 8260b               | --                     | --                 | --                  | --               | --               |
| Benzene                  | 40     | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 8.8                | 97.6                | 94.9             | 122.8            |
| Ethylbenzene             | 7.14   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 6.7                | 123.4               | 114.9            | 114.9            |
| m,p-Nitroenes            | 4.71   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 5.2                | 114                 | 108.7            | 107              |
| o,N-Toluene              | 2.71   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 5.3                | 103                 | 97.2             | 95.9             |
| Toluene                  | 30.2   | µg/L  | 1                | <1    | 10/01/02 | 8260b               | --                     | 8.1                | 97.5                | 100.3            | 100.4            |

**ENCL VCS**

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 | Project ID:  | TNNM 98-05A EO 2026 |
| Alt:    | Ken Dutton               | Sample Name: | MW 3                |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 86.4     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 99.3     | 88-110         | ---             |

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

|                    |        |
|--------------------|--------|
| Report# / Lab ID#: | 131182 |
| Sample Matrix:     | water  |

**ANALYSIS**  
INC.

3512 Montopolis Dr., Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 385-3886 • FAX (512) 385-7411

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

#### REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|
| Volatile organics-8260b/BTEX | ---    | µg/L  | ---              | <1    | 10/02/02 | 8260b               |
| Benzene                      | 11.7   | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| Ethylbenzene                 | 3.49   | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| m,p-Xylenes                  | 2.64   | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| o-Xylene                     | 1.37   | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| Toluene                      | 19.5   | µg/L  | 1                | <1    | 10/02/02 | 8260b               |

This analytical report is specifically 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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|                                |                       |
|--------------------------------|-----------------------|
| Report#/Lab ID#:134183         | Report Date: 10/01/02 |
| Project ID: TNN 98-05A EO 2026 |                       |
| Sample Name: MW 4              |                       |
| Sample Matrix: water           |                       |
| Date Received: 09/26/2002      | Time: 09:50           |
| Date Sampled: 09/24/2002       | Time: 11:10           |

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

|  | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>5</sup> |
|--|------------------------|--------------------|---------------------|------------------|------------------|
|  | ---                    | ---                | 21.3                | 88.3             | 95.3             |
|  |                        |                    | 1.4                 | 116.3            | 118.4            |
|  |                        |                    | 5.9                 | 105.9            | 110.6            |
|  |                        |                    | 3.3                 | 97.2             | 99.7             |
|  |                        |                    | 20.6                | 89.7             | 93.7             |
|  |                        |                    | 93.1                |                  |                  |

**QINCL YS INC.**

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

|         |                          |              |                    |
|---------|--------------------------|--------------|--------------------|
| Client: | Environmental Tech Group | Project ID:  | TNM 98-05A EO 2026 |
| Attn:   | Ken Dutton               | Sample Name: | MW 4               |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2 Dichloroethane-d1 | 8260b  | 92.7     | 80-120         | ---             |
| 1,3dine-d8            | 8260b  | 100      | 88-110         | ---             |

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

Report# /Lab ID#: 134183  
Sample Matrix: Water

**AnalySys**  
Inc.

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

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

#### REPORT OF ANALYSIS

| Parameter                     | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> |
|-------------------------------|--------|-------|------------------|-------|----------|---------------------|
| Volatile organics: 8260n/BTEX | ---    | µg/L  | ---              | ---   | 10/02/02 | 8260b               |
| Benzene                       | 3.06   | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| toluene                       | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| m,p-Xylenes                   | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| o-Xylene                      | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| Toluene                       | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |

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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 (P%Rf) 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 Limit (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 MQL. R = Analyte detected in associated method blank(s). S1 = MS and/or MSD recoveries exceed advisory limits. S2 = MS and/or MSD recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

|                                |                       |
|--------------------------------|-----------------------|
| Report# /Lab ID#: 134184       | Report Date: 10/04/02 |
| Project ID: TNM 98-05A EO 2026 |                       |
| Sample Name: MW 5              |                       |
| Sample Matrix: water           |                       |
| Date Received: 09/26/2002      | Time: 09:50           |
| Date Sampled: 09/24/2002       | Time: 10:51           |

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

|  | Data Qual <sup>2</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|--|------------------------|--------------------|---------------------|------------------|------------------|
|  | ---                    | ---                | ---                 | ---              | ---              |
|  | ---                    | ---                | 21.3                | 88.3             | 95.3             |
|  |                        |                    | 1.4                 | 116.3            | 118.4            |
|  |                        |                    | 5.9                 | 105.9            | 110.6            |
|  |                        |                    | 3.3                 | 97.2             | 99.7             |
|  |                        |                    | 20.6                | 89.7             | 93.7             |
|  |                        |                    | 93.1                |                  |                  |

# Control Quality

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 | Project ID:  | TNM 98-05A EO 2026 |
| Alt:    | Ken Dutton               | Sample Name: | MW 5               |

## REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2 Dichloroethane-d4 | 8260b  | 87.7     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 104      | 88-110         | ---             |

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

Report#Lab ID#: 13-118-1  
Sample Matrix: water

**ANALYSIS**  
INC.

3512 Montopolis Dr., Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78403  
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Ken Dutton  
Address: 2510 W. Maryland  
Hobbs,  
NM 88240  
  
Phone: 505 397-4882 FAX: 505 397-4701

#### REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|
| Volatile organics-8260b/BTEX | ...    | ...   | ...              |       | 10/02/02 | 8260b               |
| Benzene                      | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| Toluene                      | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| o-Xylene                     | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |
| Toluene                      | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               |

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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 (PR%) 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 Limit (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 noninal 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.

|                                |                       |
|--------------------------------|-----------------------|
| Report# /Lab ID#: 13-185       | Report Date: 10/04/02 |
| Project ID: TNM 98-05A EO 2026 |                       |
| Sample Name: MW 6              |                       |
| Sample Matrix: water           |                       |
| Date Received: 09/26/2002      | Time: 09:50           |
| Date Sampled: 09/24/2002       | Time: 09:56           |

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

|  | Data | Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>5</sup> |
|--|------|-------------------|--------------------|---------------------|------------------|------------------|
|  | ...  | ...               | ...                | ...                 | ...              | ...              |
|  | ...  | ...               | ...                | ...                 | ...              | ...              |
|  | ...  | ...               | ...                | ...                 | ...              | ...              |
|  | ...  | ...               | ...                | ...                 | ...              | ...              |

**CHIOL YGS**  
**H/E**

3512 Montopolis Dr., Austin, TX 78741 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 385-5886 • FAX (512) 385-7411

|         |                          |              |                    |
|---------|--------------------------|--------------|--------------------|
| Client: | Environmental Tech Group | Project ID:  | TNM 98-05A EO 2026 |
| Attn:   | Ken Dutton               | Sample Name: | MW 6               |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d1 | 8260b  | 93.4     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 102      | 88-110         | ---             |

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

|                   |        |
|-------------------|--------|
| Report# /Lab ID#: | 131185 |
| Sample Matrix:    | water  |

**AnalySys**  
INC.

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

Client: Environmental Tech Group  
Attn: Ken Dalton  
Address: 25-0 W. Maryland  
Hubbs,  
NM 88240  
Phone: 505 397-4882  
Fax: 505 397-4701

#### REPORT OF ANALYSIS

| Parameter                       | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recovery <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|---------------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|-----------------------|------------------|------------------|
| Volatile organics (8260) o/BTEX | ---    |       | ---              |       | 10/02/02 | 8260b               | ---                    | ---                | ---                   | ---              | ---              |
| Benzene                         | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               | ---                    | 21.3               | 88.3                  | 95.3             | 112.0            |
| Ethylbenzene                    | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               | ---                    | 1.4                | 116.3                 | 118.1            | 111.9            |
| m,p Xylenes                     | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               | ---                    | 5.9                | 105.9                 | 110.6            | 107.7            |
| o-Xylene                        | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               | ---                    | 3.3                | 97.2                  | 99.7             | 96.8             |
| Toluene                         | <1     | µg/L  | 1                | <1    | 10/02/02 | 8260b               | ---                    | 20.6               | 89.7                  | 93.7             | 93.1             |

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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 (PRC%) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recovery) 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 = analytic potentially present between the PQL and the RQL. H = Analytic detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = -first digestion spike (FDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

|                                |                       |
|--------------------------------|-----------------------|
| Report#/Lab ID#: 134186        | Report Date: 10/01/02 |
| Project ID: TNM 98-05A EO 2026 |                       |
| Sample Name: MW 7              |                       |
| Sample Matrix: water           |                       |
| Date Received: 09/26/2002      | Time: 09:50           |
| Date Sampled: 09/24/2002       | Time: 10:25           |

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

|  | Data | Qual | 7   | Prec. | 2   | Recover. | 3   | CCV | 4   | LCS | 4   |
|--|------|------|-----|-------|-----|----------|-----|-----|-----|-----|-----|
|  | ---  | ---  | --- | ---   | --- | ---      | --- | --- | --- | --- | --- |

*Client 545*  
InC.

3512 Montopolis Dr., Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78403  
(512) 385-5886 • FAX (512) 385-7411

|         |                          |              |                    |                  |        |
|---------|--------------------------|--------------|--------------------|------------------|--------|
| Client: | Environmental Tech Group | Project ID:  | TNM 98-05A EO 2026 | Report#(Lab ID#: | 131186 |
| Alt:    | Ken Dutton               | Sample Name: | MW 7               | Sample Matrix:   | water  |

**REPORT OF SURROGATE RECOVERY**

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2 Dichloroethane-d4 | 8260b  | 98.2     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 104      | 88-110         | ---             |

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

# AnalySys

3512 Montopolis Dr., Austin, TX 78744 &  
 2209 N. Padre Island Dr., Corpus Christi, TX 78408  
 (512) 385-5986 • FAX (512) 385-7411

**Client:** Environmental Tech Group  
**Att:** Ken Dutton  
**Address:** 2540 W. Maryland  
 Hobbies, NM 88240  
**Phone:** 505 397-1882 **FAX:** 505 397-4701

## REPORT OF ANALYSIS

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> |
|------------------------------|--------|-------|------------------|-------|----------|---------------------|
| Volatile organics-S260b/BTEX | ---    | ug/L  | ---              | ---   | 10/02/02 | 8260b               |
| Benzene                      | <1     | ug/L  | 1                | <1    | 10/02/02 | 8260b               |
| Ethylbenzene                 | <1     | ug/L  | 1                | <1    | 10/02/02 | 8260b               |
| m,p-Nitroenes                | <1     | ug/L  | 1                | <1    | 10/02/02 | 8260b               |
| o-Xylene                     | <1     | ug/L  | 1                | <1    | 10/02/02 | 8260b               |
| Toluene                      | <1     | ug/L  | 1                | <1    | 10/02/02 | 8260b               |

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Respectfully Submitted,

*Richard Laster*  
 Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PRfc) 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-V) 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 MFL... W = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M =Matrix interference.

| Report#        | Lab ID#            | Report Date: |
|----------------|--------------------|--------------|
| 10/01/02       | 134187             | 10/01/02     |
| Project ID:    | TNM 98-05A EO 2026 |              |
| Sample Name:   | MW 8               |              |
| Sample Matrix: | water              |              |
| Date Received: | 09/26/2002         | Time: 09:50  |
| Date Sampled:  | 09/24/2002         | Time: 09:30  |

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

|  | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>5</sup> |
|--|------------------------|--------------------|---------------------|------------------|------------------|
|  | ---                    | ---                | 88.3                | 95.3             | 112.9            |

*OTICL 4545*

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

Report#Lab ID#:13-1187  
Sample Matrix: water

Project ID: TNM 98-05A EO 2026  
Sample Name: MW 8

Client: Environmental Tech Group  
Attn: Ken Dutton

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 100      | 80-120         | ---             |
| Toluene-d8            | 8260b  | 101      | 88-110         | ---             |

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

**AnalySys Inc.**

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

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

**REPORT OF ANALYSIS**

| Parameter                    | Result | Units | RQL <sup>5</sup> | Blank    | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>7</sup> |
|------------------------------|--------|-------|------------------|----------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Volatile organics 8260b/BTEX | ---    | µg/L  | ---              | 10/02/02 | 8260b    | ---                 | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | <1     | µg/L  | 1                | <1       | 10/02/02 | 8260b               | ---                    | 21.3               | 88.3                | 95.3             | 112.9            |
| Ethylbenzene                 | <1     | µg/L  | 1                | <1       | 10/02/02 | 8260b               | ---                    | 1.4                | 116.3               | 118.1            | 111.9            |
| m,p-Xylenes                  | <1     | µg/L  | 1                | <1       | 10/02/02 | 8260b               | ---                    | 5.9                | 105.9               | 110.6            | 107.7            |
| o-Xylene                     | <1     | µg/L  | 1                | <1       | 10/02/02 | 8260b               | ---                    | 3.3                | 97.2                | 99.7             | 96.8             |
| Toluene                      | <1     | µg/L  | 1                | <1       | 10/02/02 | 8260b               | ---                    | 20.6               | 89.7                | 93.7             | 93.1             |

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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 (P( $\bar{x}$ / $x$ ) 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 Limit (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Blank 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 limits, S3 = MS and/or MSD and PDS recoveries exceed advisory limits, P = Precision higher than advisory limit. M = Matrix interference.

# Environmental Tech Group

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 | Project ID:  | TNM 98-05A EO 2026 | Report#/1.ab 1D#;13-1188 |
| 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  | 99.1     | 80-120         | ---             |
| Volume-d8             | 8260b  | 103      | 88-110         | ---             |

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

# CHIN-OIL-CUSTODY

Send Reports To:

Company Name CHIN-OIL  
Address 255 E. 5th St., 6th floor, Austin, TX 78701  
City Austin State TX Zip 78701  
Phone (512) 477-2200 Fax (512) 477-4301

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

Project Name/ID# CHIN-OIL Sampler: Jesse Casas

| Client Sample #/n.<br>Description/Identification | Date<br>Sampled | Time<br>Sampled | No. of<br>Containers | Soil | Water/Waste | Lab ID #<br>(Lab only) | Comments |
|--|-----------------|-----------------|----------------------|------|-------------|------------------------|----------|
| MW 3   | 9-16-02         | 1140            | 2                    | X    |             | 134182                 | X        |
| MW 4   |                 |                 |                      |      |             | 134183                 |          |
| MW 5   |                 |                 |                      |      |             | 134184                 |          |
| MW 6   |                 |                 |                      |      |             | 134185                 |          |
| MW 7   |                 |                 |                      |      |             | 134186                 |          |
| MW 8   |                 |                 |                      |      |             | 134187                 |          |
| E8/  |                 |                 |                      |      |             | 134188                 |          |

Lab ID # - Lab requestable to customer if not held at company and/or attached documentation, all analyses will be conducted using ASPE methods of choice and all data is to be held at ASPE until ASPE holds it for 45 days and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody. Specific compound lists must be supplied for all QC procedures.

Temp: 3.1°C

| Sample Received By | Name               | Affiliation     | Date | Name           | Affiliation    | Date            |
|--------------------|--------------------|-----------------|------|----------------|----------------|-----------------|
|                    | <u>Jesse Casas</u> | <u>CHIN-OIL</u> |      | <u>Analyst</u> | <u>Analyst</u> | <u>09/23/02</u> |

Each time of above described samples to Analyst Sys, Inc. for analytical testing constitutes agreement by buyer/sampler to Analyst Sys, Inc.'s standard terms and conditions.

# 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  
**Hollos**  
**NM** 88240  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

## REPORT OF ANALYSIS

| Parameter                    | Result  | Units | RQL <sup>5</sup> | Blank   | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recover <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------------|---------|-------|------------------|---------|----------|---------------------|------------------------|--------------------|----------------------|------------------|------------------|
| AMIN Extraction PAH          | -       | ---   | ---              | ---     | 11/19/02 | 3520                | ---                    | ---                | ---                  | ---              | ---              |
| Metals Dig-Hg                | ---     | ---   | ---              | ---     | 11/25/02 | 7470&245.1          | ---                    | ---                | ---                  | ---              | ---              |
| Metals Dig-HNO <sub>3</sub>  | ---     | ---   | ---              | ---     | 11/19/02 | 3015                | ---                    | ---                | ---                  | ---              | ---              |
| Arsenic/IICP                 | <0.05   | mg/L  | 0.05             | <0.05   | 11/20/02 | 6010 & 200.7        | J                      | 0.57               | 101.11               | 99.8             | 111.76           |
| Barium/IICP                  | 0.142   | mg/L  | 0.01             | <0.01   | 11/20/02 | 6010 & 200.7        | ---                    | 1.39               | 102.87               | 100.5            | 116.58           |
| Cadmium/IICP                 | <0.005  | mg/L  | 0.005            | <0.005  | 11/20/02 | 6010 & 200.7        | ---                    | 0.49               | 101.62               | 99.88            | 113.81           |
| Chromium/IICP                | <0.01   | mg/L  | 0.01             | <0.01   | 11/20/02 | 6010 & 200.7        | ---                    | 0.11               | 98.34                | 102.5            | 116.67           |
| Lead/IICP                    | <0.02   | mg/L  | 0.02             | <0.02   | 11/20/02 | 6010 & 200.7        | ---                    | 0.71               | 74.15                | 99.76            | 112.52           |
| Mercury/IVAA                 | <0.0002 | mg/L  | 0.0002           | <0.0002 | 11/26/02 | 245.1&7470          | ---                    | 4.04               | 102.02               | 9.3              | 100              |
| Selenium/IICP                | 0.4686  | mg/L  | 0.05             | <0.05   | 11/20/02 | 6010 & 200.7        | ---                    | 0.61               | 102.17               | 100.72           | 112.16           |
| Silver/GFAA                  | <0.002  | mg/L  | 0.002            | <0.002  | 11/21/02 | 272.2&7761          | ---                    | 2.45               | 93.58                | 95               | 117              |
| Extractable organics PAH     | ---     | ---   | ---              | ---     | 12/08/02 | 8270c               | ---                    | ---                | ---                  | ---              | ---              |
| Volatile organics-8260a/BTEX | ---     | ---   | ---              | ---     | 11/19/02 | 8260b               | ---                    | ---                | ---                  | ---              | ---              |
| Benzene                      | 4.5     | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 1.6                | 74.2                 | 91.9             | 73.9             |
| Ethylbenzene                 | 6.43    | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 2.6                | 105.7                | 99.1             | 106.6            |
| m,p-Xylenes                  | 4.91    | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 3.2                | 106                  | 98.4             | 108.7            |
| o-Xylene                     | 2.96    | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 2.7                | 103.9                | 91.6             | 105.5            |
| Toluene                      | 4.2     | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 2.1                | 109.7                | 98.8             | 108.1            |
| Acenaphthene                 | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | J                      | 2.3                | 60.5                 | 88.6             | 71.6             |
| Acenaphthylene               | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 9.4                | 63.4                 | 88.1             | 80.7             |
| Anthracene                   | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | J                      | 18.3               | 56.4                 | 83.1             | 70.4             |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with Analy Sys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, Analy Sys, 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 (PRH%) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recover) 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 limit. P = Precision higher than advisory limit. M =Matrix interference.

**Q**  
Quality Assurance  
Environmental Testing

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

1

Project ID: 98-05A EO 2026  
Sample Name: MW 3

Report# / Lab ID#: 136194

Sample Matrix: water

1

**REPORT OF ANALYSIS cont.**

| Parameter               | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Reov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|-------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|--------------------|------------------|------------------|
| Benzofluoranthene       | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 6.4                | 67.7               | 84.1             | 91.8             |
| Benzofluopyrene         | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 3.9                | 65.1               | 86               | 83.1             |
| Benzol[b]fluoranthene   | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 7.9                | 61.5               | 91.3             | 81.5             |
| Benzol[g,h]perylene     | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 11.8               | 60.5               | 88.2             | 78.3             |
| Benzol[k]fluoranthene   | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 3.6                | 69.8               | 102.6            | 82.8             |
| Chrysene                | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 10.7               | 58.2               | 98.7             | 78.8             |
| Dibenz[a,h]anthracene   | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 11.2               | 58.9               | 85.1             | 79.4             |
| Fluoranthene            | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 11.7               | 74.4               | 85.2             | 92.4             |
| Fluorene                | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 2.1                | 66.6               | 84.2             | 84.6             |
| Indeno[1,2,3-e,f]pyrene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 9                  | 61                 | 82.4             | 81.7             |
| Naphthalene             | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                      | 2.4                | 40.1               | 86.5             | 50.9             |
| Phenanthrene            | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 13.6               | 61.6               | 83.7             | 74.1             |
| Pyrene                  | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 4                  | 65.9               | 81               | 87.9             |

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2209 N Padre Island Dr, Corpus Christi, TX 78408  
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|         |                          |              |                |
|---------|--------------------------|--------------|----------------|
| Client: | Environmental Tech Group | Project ID:  | 98-05A EO 2026 |
| Attn:   | Camille Reynolds         | Sample Name: | MW 3           |

REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 95.9     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 105      | 88-110         | ---             |
| 2-Fluorobiphenyl      | 8270c  | 47.7     | 43-116         | ---             |
| Nitrobenzene-d5       | 8270c  | 74.7     | 35-114         | ---             |
| Terphenyl-d14         | 8270c  | 47.9     | 33-141         | ---             |

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

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 136494         | Matrix: water | Attu: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: 98-05A EO 2026       |               |                        |

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 inappropriate 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 (e.g. 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                      |
|--------------|--------|------------------------------|
| Acetone-ACP  | J      | See J-flag discussion above. |
| Acenaphthene | J      | See J-flag discussion above. |
| Anthracene   | J      | See J-flag discussion above. |
| Fluoranthene | J      | See J-flag discussion above. |

Notes:

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(512) 385-5886 • FAX (512) 385-7411

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

#### REPORT OF ANALYSIS

| Parameter                | Result  | Units  | RQL <sup>5</sup> | Blank    | Date         | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LC/MS <sup>1</sup> |
|--------------------------|---------|--------|------------------|----------|--------------|---------------------|------------------------|--------------------|---------------------|------------------|--------------------|
| AIBN Extraction-PAH      | ---     | ---    | ---              | ---      | 11/19/02     | 3520                | ---                    | ---                | ---                 | ---              | ---                |
| Metals Dig. -Hg          | ---     | ---    | ---              | ---      | 11/19/02     | 7470&245.1          | ---                    | ---                | ---                 | ---              | ---                |
| Metals Dig. -Hg/Co3      | ---     | ---    | ---              | ---      | 3015         | ---                 | ---                    | ---                | ---                 | ---              | ---                |
| Arachidic/CP             | <0.05   | mg/L   | 0.05             | <0.05    | 11/20/02     | 6010 & 200.7        | J                      | 0.57               | 101.11              | 99.8             | 111.76             |
| Batinium/CP              | 0.00065 | mg/L   | 0.01             | <0.01    | 11/20/02     | 6010 & 200.7        | ---                    | 1.39               | 102.87              | 100.5            | 116.58             |
| Cadmium/CP               | <0.005  | mg/L   | 0.005            | <0.005   | 11/20/02     | 6010 & 200.7        | ---                    | 0.49               | 100.62              | 99.88            | 113.81             |
| Chromium/CP              | <0.01   | mg/L   | 0.01             | <0.01    | 11/20/02     | 6010 & 200.7        | ---                    | 0.11               | 98.34               | 102.5            | 116.67             |
| Cadm/ICP                 | <0.02   | mg/L   | 0.02             | <0.02    | 11/20/02     | 6010 & 200.7        | ---                    | 0.71               | 74.15               | 99.76            | 112.52             |
| <0.0002                  | mg/L    | 0.0002 | <0.0002          | 11/26/02 | 245.1&7470   | ---                 | 4.04                   | 102.02             | 9.3                 | 100              |                    |
| 0.0002                   | mg/L    | 0.05   | <0.05            | 11/20/02 | 6010 & 200.7 | ---                 | 0.61                   | 102.17             | 100.72              | 112.16           |                    |
| 0.0002                   | mg/L    | 0.002  | <0.002           | 11/21/02 | 272.2&7761   | ---                 | 2.45                   | 93.58              | 9.5                 | 117              |                    |
| Extractable organics-PAH | ---     | ---    | ---              | ---      | 12/08/02     | 625 & 8270C         | ---                    | ---                | ---                 | ---              | ---                |
| Volatile organics-BTEX   | ---     | ---    | ---              | ---      | 11/19/02     | 8260b               | ---                    | ---                | ---                 | ---              | ---                |
| Benzene                  | 8.2     | µg/L   | 1                | <1       | 11/19/02     | .8260b              | ---                    | 1.6                | 74.2                | 91.9             | 73.9               |
| Ethylbenzene             | 10.3    | µg/L   | 1                | <1       | 11/19/02     | .8260b              | ---                    | 2.6                | 105.7               | 99.1             | 106.6              |
| m,p-Xylenes              | 11.2    | µg/L   | 1                | <1       | 11/19/02     | .8260b              | ---                    | 3.2                | 106                 | 98.4             | 108.7              |
| o-Xylene                 | 6.24    | µg/L   | 1                | <1       | 11/19/02     | .8260b              | ---                    | 2.7                | 103.9               | 91.6             | 105.5              |
| Toluene                  | 7.14    | µg/L   | 1                | <1       | 11/19/02     | .8260b              | ---                    | 2.1                | 109.7               | 98.8             | 108.1              |
| Acenaphthene             | <0.05   | µg/L   | 0.05             | <0.05    | 12/08/02     | 625 & 8270C         | J                      | 2.3                | 60.5                | 88.6             | 74.6               |
| Acenaphthylene           | <0.05   | µg/L   | 0.05             | <0.05    | 12/08/02     | 625 & 8270C         | J                      | 9.4                | 63.4                | 88.1             | 80.7               |
| Anthracene               | <0.05   | µg/L   | 0.05             | <0.05    | 12/08/02     | 625 & 8270C         | J                      | 18.3               | 56.4                | 83.1             | 70.4               |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © 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 (%REC) 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 (LC/MS) 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 NSD recovery exceeded advisory limits. B = Analyte detected in associated method blank(s). S1 = MS and/or NSD recovery exceeded advisory limits. S2 = Post digestion split (PDS) recovery exceeds advisory limit. S3 = MS and/or NSD and PDS recoveries exceed advisory limits. P = precision higher than advisory limit. M = Matrix interference.

|                            |                       |
|----------------------------|-----------------------|
| Report# /Lab ID#: 136495   | Report Date: 12/10/02 |
| Project ID: 98-05A EO 2026 |                       |
| Sample Name: MW 4          |                       |
| Sample Matrix: water       |                       |
| Date Received: 11/15/2002  | Time: 14:30           |
| Date Sampled: 11/13/2002   | Time: 10:25           |

**Q**  
Environmental Tech Group  
Austin, TX

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**Client:** Environmental Tech Group  
**Alt:** Camille Reynolds

**REPORT OF ANALYSIS-cont.**

| Parameter             | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> |
|-----------------------|--------|-------|------------------|-------|----------|---------------------|
| Benz[a]anthracene     | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Benz[al]pyrene        | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Benz[b]fluoranthene   | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Benz[g,h]perylene     | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Benz[j,k]fluoranthene | 0.05   | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Chrysene              | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Dibenz[a,h]anthracene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Fluoranthene          | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Fluorene              | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Inden[1,2,3-cd]pyrene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Naphthalene           | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Phenanthrene          | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 625 & 8270c         |
| Pyrene                | <0.05  | µg/L  |                  |       |          |                     |

**Project ID:** 98-05A EO 2026  
**Sample Name:** MW 4

**Report#/[Lab ID#]:** 136495  
**Sample Matrix:** water

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

|  | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recover. <sup>3</sup> | CV% <sup>4</sup> | LCS <sup>4</sup> |
|--|------------------------|--------------------|-----------------------|------------------|------------------|
|  | J                      | 6.4                | 67.7                  | 84.4             | 91.8             |
|  | J                      | 3.9                | 65.1                  | 86               | 83.1             |
|  | J                      | 7.9                | 61.5                  | 91.3             | 81.5             |
|  | J                      | 11.8               | 60.5                  | 88.2             | 78.3             |
|  | J                      | 3.6                | 69.8                  | 102.6            | 82.8             |
|  | --                     | 10.7               | 58.2                  | 98.7             | 78.8             |
|  | J                      | 11.2               | 58.9                  | 85.1             | 79.4             |
|  | J                      | 11.7               | 71.4                  | 85.2             | 92.4             |
|  | J                      | 2.1                | 66.6                  | 84.2             | 84.6             |
|  | J                      | 9                  | 61                    | 82.4             | 81.7             |
|  | --                     | 2.4                | 40.1                  | 86.5             | 50.9             |
|  | J                      | 13.6               | 61.6                  | 83.7             | 74.1             |
|  | J                      | 4                  | 65.9                  | 81               | 87.9             |

Environmental Tech Group  
Camille Reynolds

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**REPORT OF SURROGATE RECOVERY**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: 98-05A EO 2026  
Sample Name: MW 4

Report# /Lab ID#: 136495  
Sample Matrix: water

| Surrogate Compound    | Method      | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|-------------|----------|----------------|-----------------|
| 2 Fluorobiphenyl      | 625 & 8270c | 44.9     | 43-116         | ---             |
| Nitrobenzene-d5       | 625 & 8270c | 63.5     | 35-114         | ---             |
| Tetraphenyl-d4        | 625 & 8270c | 46.4     | 33-141         | ---             |
| 1,2-Dichloroethane-d1 | 8260b       | 109      | 80-120         | ---             |
| Toluene-d8            | 8260b       | 105      | 88-110         | ---             |

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

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 136495         | Matrix: water | Attn: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: 98-05A EO 2026       |               |                        |
| Sample Name: MW +                |               |                        |

### 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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

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

| Parameter              | Qualifier | Comment                      |
|------------------------|-----------|------------------------------|
| AcenaphthP             | J         | See J-Flag discussion above. |
| Acenaphthene           | J         | See J-Flag discussion above. |
| Acenaphthylene         | J         | See J-Flag discussion above. |
| Anthracene             | J         | See J-Flag discussion above. |
| Benzofluoranthene      | J         | See J-Flag discussion above. |
| Benzofluoranthene      | J         | See J-Flag discussion above. |
| Benzofluoranthene      | J         | See J-Flag discussion above. |
| Benzofluoranthene      | J         | See J-Flag discussion above. |
| Benzofluoranthene      | J         | See J-Flag discussion above. |
| Dibenz[a,h]anthracene  | J         | See J-Flag discussion above. |
| Fluoranthene           | J         | See J-Flag discussion above. |
| Fluorene               | J         | See J-Flag discussion above. |
| Indeno[1,2,3-cd]pyrene | J         | See J-Flag discussion above. |
| Phenanthrene           | J         | See J-Flag discussion above. |
| Pyrene                 | J         | See J-Flag discussion above. |

Notes:

**5**  
11/19/02  
12/10/02

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. Maryland  
Hobbs NM 88240  
Phone: 505 397-4882 FAX: 505 397-4701

#### REPORT OF ANALYSIS

| Parameter                    | Result  | Units | RQL <sup>5</sup> | Blank   | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------------|---------|-------|------------------|---------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| AVBN Extraction-PAH          | ---     | ---   | ---              | ---     | 11/19/02 | 3520                | ---                    | ---                | ---                 | ---              | ---              |
| Metals Dig-Hg                | ---     | ---   | ---              | ---     | 11/25/02 | 7470&245.1          | ---                    | ---                | ---                 | ---              | ---              |
| Metals Dig-HfO <sub>3</sub>  | ---     | ---   | ---              | ---     | 11/19/02 | 3015                | ---                    | ---                | ---                 | ---              | ---              |
| Arsenic/ICP                  | <0.05   | mg/L  | 0.05             | <0.05   | 11/20/02 | 6010 & 200.7        | J                      | 0.84               | 106.93              | 98.52            | 107.93           |
| Barium/ICP                   | 0.562   | mg/L  | 0.01             | <0.01   | 11/20/02 | 6010 & 200.7        | ---                    | 0.17               | 107.15              | 99.92            | 108.76           |
| Cadmium/ICP                  | <0.005  | mg/L  | 0.005            | <0.005  | 11/20/02 | 6010 & 200.7        | ---                    | 0.76               | 106.34              | 101.1            | 109.37           |
| Chromium/ICP                 | <0.01   | mg/L  | 0.01             | <0.01   | 11/20/02 | 6010 & 200.7        | ---                    | 0.77               | 111.96              | 98.99            | 112.02           |
| Lead/ICP                     | <0.02   | mg/L  | 0.02             | <0.02   | 11/20/02 | 6010 & 200.7        | ---                    | 0.86               | 99.79               | 99.4             | 108.11           |
| Mercury/ICP                  | <0.0002 | mg/L  | 0.0002           | <0.0002 | 11/26/02 | 245.1&7470          | ---                    | 4.04               | 102.02              | 93               | 100              |
| Selenium/ICP                 | 0.0677  | mg/L  | 0.05             | <0.05   | 11/20/02 | 6010 & 200.7        | ---                    | 0.37               | 106.66              | 101.14           | 107.73           |
| Silver/ICP                   | <0.002  | mg/L  | 0.002            | <0.002  | 11/21/02 | 272.2&7761          | ---                    | 2.45               | 93.58               | 95               | 117              |
| Extractable organics-PAH     | ---     | ---   | ---              | ---     | 12/08/02 | 8270c               | ---                    | ---                | ---                 | ---              | ---              |
| Volatile organics-8260m/BTEX | ---     | ---   | ---              | ---     | 11/19/02 | 8260b               | ---                    | ---                | ---                 | ---              | ---              |
| Benzene                      | ? 2.9   | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 1.6                | 71.2                | 91.9             | 73.9             |
| Ethylbenzene                 | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 2.6                | 105.7               | 99.1             | 106.6            |
| m,p-Xylenes                  | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260b               | J                      | 3.2                | 106                 | 98.4             | 108.7            |
| o-Xylene                     | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 2.7                | 103.9               | 91.6             | 105.5            |
| Toluene                      | 1       | µg/L  | 1                | <1      | 11/19/02 | 8260b               | ---                    | 2.1                | 109.7               | 98.8             | 108.1            |
| Acenaphthene                 | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 2.3                | 60.5                | 88.6             | 74.6             |
| Acenaphthylene               | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 9.4                | 63.4                | 88.1             | 80.7             |
| Anthracene                   | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 18.3               | 56.1                | 83.1             | 70.4             |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © 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 (PRC) 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<sub>6</sub>), typically at or above the Practical Quantitation Limit (PQL<sub>7</sub>) of the analytical method. 6. Method detection limits 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.

Report ID: 98-05A EO 2026  
Sample Name: MW 5

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| REPORT OF ANALYSIS-cont. |                          | Parameter         | Result | Units | RQL <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | QUALITY ASSURANCE DATA <sup>1</sup> |                    |                     |                  |
|--------------------------|--------------------------|-------------------|--------|-------|------------------|-------|----------|---------------------|-------------------------------------|--------------------|---------------------|------------------|
| Client:                  | Environmental Tech Group |                   |        |       |                  |       |          |                     | Data Qual <sup>7</sup>              | Prec. <sup>2</sup> | Recov. <sup>3</sup> | CCW <sup>4</sup> |
| Client:                  | Environmental Tech Group | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 6.4                | 67.7                | 84.4             |
| Attm:                    | Camille Reynolds         | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 3.9                | 65.1                | 83.1             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 7.9                | 61.5                | 91.3             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 11.8               | 60.5                | 88.2             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 3.6                | 69.8                | 102.6            |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 10.7               | 58.2                | 98.7             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 11.2               | 58.9                | 85.1             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                                   | 11.7               | 74.4                | 85.2             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 11.7               | 74.4                | 92.4             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 2.1                | 66.6                | 84.2             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 9                  | 61                  | 82.4             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 2.4                | 40.1                | 86.5             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 13.6               | 61.6                | 83.7             |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 | 4                  | 65.9                | 81               |
|                          |                          | Benzofluoranthene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                                 |                    |                     |                  |

100-100-100

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|         |                          |                            |                         |
|---------|--------------------------|----------------------------|-------------------------|
| Client: | Environmental Tech Group | Project ID: 98-05A EO 2026 | Report#/Lab ID#: 136196 |
| Attn:   | Camille Reynolds         | Sample Name: MW 5          | 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  | 101      | 88-110         | ---             |
| 2-Fluorobiphenyl      | 8270c  | 44.1     | 43-116         | ---             |
| Nitrobenzene-d5       | 8270c  | 56.2     | 35-114         | ---             |
| <i>t</i> -Phenyl-d4   | 8270c  | 38.6     | 33-141         | ---             |

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

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 136496         | Matrix: water | Attn: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: 98 05 A ECO 2026     |               |                        |
| Sample Name: MW 5                |               |                        |

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

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

### Sample Bottles & Preservation

- Sample received in appropriate container(s) and appear to be appropriately preserved.
- Sample received in inappropriate 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 (e.g. 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                      |
|------------------------|--------|------------------------------|
| Acetic Acid            | J      | See J flag discussion above. |
| 1,1,1-Trichloroethane  | J      | See J flag discussion above. |
| Dilute Isobutylbenzene | J      | See J flag discussion above. |

Notes:



**07**

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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: Caudile Reynolds

Report# /Lab ID#: 136497  
Sample Matrix: water

Project ID: 98-05A EO 2026  
Sample Name: MW 6

Report# /Lab ID#: 136497  
Sample Matrix: water

REPORT OF ANALYSIS-cont.

| Parameter              | Result | Units | RQI <sup>5</sup> | Blank | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Reov. <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|--------------------|------------------|------------------|
| Benzofluanthracene     | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | J                      | 6.4                | 67.7               | 84.4             | 91.8             |
| Benzofluopyrene        | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 3.9                | 65.1               | 86               | 83.1             |
| Benzol[b]fluoranthene  | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | J                      | 7.9                | 61.5               | 91.3             | 81.5             |
| Benzol[g,h]perylene    | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 11.8               | 60.5               | 88.2             | 78.3             |
| Benzol[k]fluoranthene  | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | J                      | 3.6                | 69.8               | 102.6            | 82.8             |
| Chrysene               | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | J                      | 10.7               | 58.2               | 98.7             | 78.8             |
| Dibenz[ah]anthracene   | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 11.2               | 58.9               | 85.1             | 79.4             |
| Fluoranthene           | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 11.7               | 74.4               | 85.2             | 92.4             |
| Fluorene               | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 2.1                | 66.6               | 84.2             | 84.6             |
| Indeno[1,2,3-cd]pyrene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 9                  | 61                 | 82.4             | 81.7             |
| Naphthalene            | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 2.4                | 40.1               | 86.5             | 50.9             |
| Phenanthrene           | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 13.6               | 61.6               | 83.7             | 74.1             |
| Pyrene                 | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270C               | ---                    | 4                  | 65.9               | 81               | 87.9             |

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Environmental Tech Group

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: 98-05A EO 2026  
Sample Name: MW 6

Report#Lab ID#: 136197  
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  | 102      | 88-110         | ---             |
| 2-Fluorobiphenyl      | 8270c  | 53.6     | 43-116         | ---             |
| Nitrobenzene-d5       | 8270c  | 88.1     | 35-114         | ---             |
| Biphenyl-d14          | 8270c  | 47.1     | 33-141         | ---             |

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

## Exceptions Report:

|                                  |               |                        |
|----------------------------------|---------------|------------------------|
| Report #/Lab ID#: 136497         | Matrix: water | Attn: Camille Reynolds |
| Client: Environmental Tech Group |               |                        |
| Project ID: 98-05A EO 2026       |               |                        |
| Sample Name: MW 6                |               |                        |

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

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

### Sample Bottles & Preservation

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- 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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

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

| Parameter            | Qualifier | Comment                      |
|----------------------|-----------|------------------------------|
| Ascorbic acid        | J         | See J-flag discussion above. |
| Chromium(IV)P        | J         | See J-flag discussion above. |
| Silver(II)AA         | J         | See J-flag discussion above. |
| Benzene              | J         | See J-flag discussion above. |
| Benzo(a)anthracene   | J         | See J-flag discussion above. |
| Benzo(b)phenanthrene | J         | See J-flag discussion above. |
| Benzo(f)fluoranthene | J         | See J-flag discussion above. |
| Chrysene             | J         | See J-flag discussion above. |

Notes:

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Client: Environmental Tech Group  
Attn: Candide Reynolds  
Address: 2540 W. Markland  
Hobbs NM 88240  
Phone: 505 397-4882 FAX: 505 397-4761

#### 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> | Recover <sup>3</sup> | CCV <sup>4</sup> | LOQ <sup>8</sup> |
|------------------------------|---------|-------|------------------|---------|----------|---------------------|------------------------|--------------------|----------------------|------------------|------------------|
| MBN Extraction PAl           | --      | --    | --               | --      | 11/19/02 | 3520                | --                     | --                 | --                   | --               | --               |
| Metals Dig-Hg                | --      | --    | --               | --      | 11/25/02 | 7470&245.1          | --                     | --                 | --                   | --               | --               |
| Metals Dig-HNO <sub>3</sub>  | --      | --    | --               | --      | 11/19/02 | 3015                | --                     | --                 | --                   | --               | --               |
| Arsenic/ICP                  | <0.05   | ng/L  | 0.05             | <0.05   | 11/21/02 | 6010 & 200.7        | J                      | 0.84               | 106.93               | 98.52            | 107.93           |
| Barium/ICP                   | 0.594   | ng/L  | 0.01             | <0.01   | 11/21/02 | 6010 & 200.7        | --                     | 0.17               | 107.15               | 99.92            | 108.76           |
| Cadmium/ICP                  | <0.005  | ng/L  | 0.005            | <0.005  | 11/21/02 | 6010 & 200.7        | --                     | 0.76               | 106.34               | 101.1            | 109.37           |
| Chromium/ICP                 | 0.0113  | ng/L  | 0.01             | <0.01   | 11/21/02 | 6010 & 200.7        | --                     | 0.77               | 111.96               | 98.99            | 112.02           |
| Lead/ICP                     | <0.02   | ng/L  | 0.02             | <0.02   | 11/21/02 | 6010 & 200.7        | --                     | 0.86               | 99.79                | 99.4             | 108.11           |
| Manganese/VAA                | <0.0002 | ng/L  | 0.0002           | <0.0002 | 11/26/02 | 245.1&7470          | --                     | 4.04               | 102.02               | 93               | 100              |
| Selenium/ICP                 | 0.458   | ng/L  | 0.05             | <0.05   | 11/21/02 | 6010 & 200.7        | --                     | 0.37               | 106.66               | 101.14           | 107.73           |
| Silver/HVA                   | <0.002  | ng/L  | 0.002            | <0.002  | 11/21/02 | 272.2&7761          | --                     | 2.45               | 93.58                | 95               | 117              |
| Extractable organics-PAH     | --      | --    | --               | --      | 12/08/02 | 8270C               | --                     | --                 | --                   | --               | --               |
| Volatile organics-8260B/BTEX | --      | --    | --               | --      | 11/19/02 | 8260B               | --                     | --                 | --                   | --               | --               |
| Benzene                      | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260B               | J                      | 1.6                | 74.2                 | 91.7             | 73.9             |
| Ethyl benzene                | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260B               | --                     | 2.6                | 105.7                | 99.1             | 106.6            |
| m,p-Xylenes                  | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260B               | --                     | 3.2                | 106                  | 98.4             | 108.7            |
| o-Xylene                     | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260B               | --                     | 2.7                | 103.9                | 91.6             | 105.5            |
| Toluene                      | <1      | µg/L  | 1                | <1      | 11/19/02 | 8260B               | --                     | 2.1                | 109.7                | 98.8             | 108.1            |
| Acetophenone                 | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270C               | --                     | 2.3                | 60.5                 | 88.6             | 74.6             |
| Acenaphthylene               | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270C               | --                     | 9.4                | 63.4                 | 88.1             | 80.7             |
| Anthracene                   | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270C               | --                     | 18.3               | 56.4                 | 83.1             | 70.4             |

This analytical report is respectfully submitted by Analy/Sys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with Analy/Sys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, Analy/Sys, 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 Analy/Sys, Inc.

Respectfully Submitted,  
*Richard Laster*

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision ('PRel') is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery ('Recover') 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 Limit (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote US EPA procedures. 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 (IDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P = precision higher than advisory limit. M = Matrix interference.

**Q** 6  
Environmental Testing Laboratory

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Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF ANALYSIS**

**cont.**

Project ID: 98-05A EO 2026  
Sample Name: MW 7

Report# /Lab ID#: 136-198  
Sample Matrix: water

**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> | C/N <sup>4</sup> | LCS <sup>4</sup> |
|------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Benzofluanthrene       | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                      | 6.4                | 67.7                | 81.4             | 91.8             |
| Benzalpyrene           | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 3.9                | 65.1                | 86               | 83.1             |
| Benzofluoranthene      | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 7.9                | 61.5                | 91.3             | 81.5             |
| Benzogli[perylene      | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 11.8               | 60.5                | 88.2             | 78.3             |
| Benzol[k]fluoranthene  | 0.05   | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 3.6                | 69.8                | 102.6            | 82.8             |
| Chrysene               | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 10.7               | 58.2                | 98.7             | 78.8             |
| Dibenz[a,h]anthracene  | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 11.2               | 58.9                | 85.1             | 79.4             |
| Fluoranthene           | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 11.7               | 74.4                | 85.2             | 92.4             |
| Fluorene               | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                      | 2.1                | 66.6                | 84.2             | 84.6             |
| Indeno[1,2,3-cd]pyrene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 9                  | 61                  | 82.4             | 81.7             |
| Naphthalene            | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 2.4                | 40.1                | 86.5             | 50.9             |
| Phenanthrene           | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 13.6               | 61.6                | 83.7             | 74.1             |
| Pyrene                 | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | ---                    | 4                  | 65.9                | 81               | 87.9             |

7/14/02

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

|         |                          |                            |
|---------|--------------------------|----------------------------|
| Client: | Environmental Tech Group | Project ID: 98-05A EO 2026 |
| Attn:   | Camille Reynolds         | Sample Name: MW 7          |

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound       | Method | Recovery | Recovery Limit | Data Qualifiers |
|--------------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4    | 8260b  | 93.5     | 80-120         | ---             |
| Toluene-d8               | 8260b  | 98.7     | 88-110         | ---             |
| 2-Fluorobiphenyl         | 8270c  | 49.6     | 43-116         | ---             |
| Fluorobenzene-d5         | 8270c  | 81.4     | 35-114         | ---             |
| Perfluorotetrahydrofuran | 8270c  | 53.4     | 33-141         | ---             |

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

Report #/Lab ID#: 136198  
Sample Matrix: water

## Exceptions Report:

|                                  |                        |
|----------------------------------|------------------------|
| Report #/Lab ID#: 136498         | Matrix: water          |
| Client: Environmental Tech Group | Attn: Camille Reynolds |
| Project ID: 98-05A EO 2026       |                        |
| Sample Name: MW 7                |                        |

### 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 (e.g. 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                      |
|----------------|--------|------------------------------|
| Asenic-H P     | J      | See J-flag discussion above. |
| Ron-one        | J      | See J-flag discussion above. |
| Ben. aldehydes | I      | See I-flag discussion above. |
| Thiophene      | J      | See J-flag discussion above. |

### Notes:

**5**  
Environmental Tech Group  
Richard Laster

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

#### REPORT OF ANALYSIS

| Parameter                    | Result  | Units | RQL <sup>5</sup> | Blank   | Date     | Method <sup>6</sup> | Data Qual <sup>7</sup> | Prec. <sup>2</sup> | Recovery <sup>3</sup> | CCV <sup>4</sup> | LCS <sup>4</sup> |
|------------------------------|---------|-------|------------------|---------|----------|---------------------|------------------------|--------------------|-----------------------|------------------|------------------|
| A/BBN Extraction-PAH         | ---     | ---   | ---              | ---     | 1/19/02  | 3520                | ---                    | ---                | ---                   | ---              | ---              |
| Metals Dig-Hg                | ---     | ---   | ---              | ---     | 1/25/02  | 7470&245.1          | ---                    | ---                | ---                   | ---              | ---              |
| Metals Dig-HgNo3             | ---     | ---   | ---              | ---     | 1/19/02  | 3015                | ---                    | ---                | ---                   | ---              | ---              |
| Asbestos/ICP                 | <0.05   | ng/L  | 0.05             | <0.05   | 1/21/02  | 6010 & 200.7        | J                      | 0.84               | 106.93                | 98.52            | 107.93           |
| Barium/ICP                   | 0.357   | ng/L  | 0.01             | <0.01   | 1/21/02  | 6010 & 200.7        | ---                    | 0.17               | 107.15                | 99.92            | 108.76           |
| Cadmium/ICP                  | <0.005  | ng/L  | 0.005            | <0.005  | 1/21/02  | 6010 & 200.7        | ---                    | 0.76               | 106.34                | 101.1            | 109.37           |
| Chromium/ICP                 | <0.01   | ng/L  | 0.01             | <0.01   | 1/21/02  | 6010 & 200.7        | ---                    | 0.77               | 114.96                | 98.99            | 112.02           |
| Lead/ICP                     | <0.02   | ng/L  | 0.02             | <0.02   | 1/21/02  | 6010 & 200.7        | ---                    | 0.86               | 99.79                 | 99.4             | 108.11           |
| Mercury/ICP                  | <0.0002 | ng/L  | 0.0002           | <0.0002 | 1/26/02  | 245.1&7470          | ---                    | 4.04               | 102.02                | 93               | 100              |
| Selenium/ICP                 | 0.4668  | ng/L  | 0.05             | <0.05   | 1/21/02  | 6010 & 200.7        | ---                    | 0.37               | 106.66                | 101.14           | 107.73           |
| Silver/ICP                   | <0.002  | ng/L  | 0.002            | <0.002  | 1/21/02  | 272.2&7761          | ---                    | 2.45               | 93.58                 | 95               | 117              |
| Extractable organics-PAH     | ---     | ---   | ---              | ---     | 12/08/02 | 8270c               | ---                    | ---                | ---                   | ---              | ---              |
| Volatile organics-8260b/BTEX | ---     | ---   | ---              | ---     | 1/19/02  | 8260b               | ---                    | ---                | ---                   | ---              | ---              |
| Benzene                      | 1.54    | µg/L  | 1                | <1      | 1/19/02  | 8260b               | ---                    | 1.6                | 74.2                  | 91.9             | 73.9             |
| Ethylbenzene                 | <1      | µg/L  | 1                | <1      | 1/19/02  | 8260b               | ---                    | 2.6                | 105.7                 | 99.1             | 106.6            |
| m,p-Xylenes                  | <1      | µg/L  | 1                | <1      | 1/19/02  | 8260b               | ---                    | 3.2                | 106                   | 98.4             | 108.7            |
| o-Xylene                     | <1      | µg/L  | 1                | <1      | 1/19/02  | 8260b               | ---                    | 2.7                | 103.9                 | 91.6             | 105.5            |
| Toluene                      | <1      | µg/L  | 0.05             | <0.05   | 1/19/02  | 8260b               | ---                    | 2.1                | 109.7                 | 98.8             | 108.1            |
| Acenaphthene                 | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 2.3                | 60.5                  | 88.6             | 71.6             |
| Acenaphthylene               | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 9.4                | 63.4                  | 88.1             | 80.7             |
| Anthracene                   | <0.05   | µg/L  | 0.05             | <0.05   | 12/08/02 | 8270c               | ---                    | 18.3               | 56.4                  | 83.1             | 70.4             |

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © 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 (PRC%) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recovery) 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 an 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 PQI, and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. M =Matrix interference.

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 (512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
 Attn: Camille Reynolds  
 Project ID: 98-05A EO 2026  
 Sample Name: MW 8

Report# / Lab ID#: 136199  
 Sample Matrix: water

Report# / Lab ID#: 136199  
 Sample Matrix: water

#### REPORT OF ANALYSIS-cont.

| 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> |
|-------------------------|--------|-------|------------------|-------|----------|---------------------|------------------------|--------------------|---------------------|------------------|------------------|
| Benzofluoranthene       | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                      | 6.4                | 67.7                | 84.4             | 91.8             |
| Benzolalpyrene          | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 3.9                | 65.1                | 86               | 83.1             |
| Benzoflithoranthene     | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 7.9                | 61.5                | 91.3             | 81.5             |
| Benzolfluoropylene      | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 11.8               | 60.5                | 88.2             | 78.3             |
| Benzofluoranthene       | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 3.6                | 69.8                | 102.6            | 82.8             |
| Benzofluoranthene       | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 10.7               | 56.2                | 98.7             | 78.8             |
| Chrysene                | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 11.2               | 58.9                | 85.1             | 79.4             |
| Dibenzabifluoranthene   | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 11.7               | 74.4                | 85.2             | 92.4             |
| Fluoranthene            | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                      | 2.1                | 66.6                | 84.2             | 84.6             |
| Fluorene                | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 9                  | 61                  | 82.4             | 81.7             |
| Indenof[1,2,3-cd]pyrene | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | J                      | 2.4                | 40.1                | 86.5             | 50.9             |
| Styphlene               | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 13.6               | 61.6                | 83.7             | 74.1             |
| Phenanthrene            | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 4                  | 65.9                | 81               | 87.9             |
| Pyrene                  | <0.05  | µg/L  | 0.05             | <0.05 | 12/08/02 | 8270c               | --                     | 4                  | 65.9                | 81               | 87.9             |

#### QUALITY ASSURANCE DATA

|  | Project ID:    | Sample Name: | Report# / Lab ID#: | Matrix: |
|--|----------------|--------------|--------------------|---------|
|  | 98-05A EO 2026 | MW 8         | 136199             | water   |

7/15/02

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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:  | 98-05A EO 2026 |
| Attn:   | Cawfile Reynolds         | Sample Name: | MW 8           |

#### REPORT OF SURROGATE RECOVERY

| Surrogate Compound    | Method | Recovery | Recovery Limit | Data Qualifiers |
|-----------------------|--------|----------|----------------|-----------------|
| 1,2-Dichloroethane-d4 | 8260b  | 94.1     | 80-120         | ---             |
| Toluene-d8            | 8260b  | 100      | 88-110         | ---             |
| 2-Fluorobiphenyl      | 8270c  | 43.8     | 43-116         | ---             |
| Fluorobenzene-d5      | 8270c  | 55.5     | 35-114         | ---             |
| Terphenyl-d14         | 8270c  | 59.3     | 33-141         | ---             |

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

|                   |        |
|-------------------|--------|
| Report #/Lab ID#: | 136199 |
| Sample Matrix:    | water  |

## Exceptions Report:

Report #Lab ID# 136499 Matrix: water  
Client: Environmental Tech Group Attn: Camille Reynolds  
Project ID: 98-05A EO 2026  
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 lines) 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 inappropriate 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/blocks 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 (e.g. 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                      |
|-----------------|--------|------------------------------|
| Methyl-ICP      | J      | See J flag discussion above. |
| Benzofluoracene | J      | See J flag discussion above. |
| Thionaphthene   | J      | See J flag discussion above. |
| Fluorobiphenyl  | J      | See J flag discussion above. |

Notes:

## CHAIN-OF-CUSTODY

### Send Report To:

Company Name E.T.G.I.

Address 2540 W. Northland

City Febbs State TX Zip 78742

ATTN: Cawnille Reynolds

Phone 512-317-4688 Fax 505-317-4701

Rush Status (must be confirmed with lab mng.):  
Project Name/PO#:

98-054

Sampler: Mariah Campbell

EO-3421

Bill to (if different): COC: 185

Company Name \_\_\_\_\_

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 |
|---|-----------------|-----------------|----------------------|------|-------------|--------------------------|----------|
| 11103   | 1/13/03         | 10:05           | 5                    | X    |             | 136494                   | X X X    |
| 11104   |                 | 10:25           |                      |      |             | 136495                   |          |
| 11105   |                 | 09:03           |                      |      |             | 136496                   |          |
| 11106   |                 | 08:38           |                      |      |             | 136497                   |          |
| 11107   |                 | 09:08           |                      |      |             | 136498                   |          |
| 11108   |                 | 09:23           | V                    |      |             | 136499                   | V V      |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |
|   |                 |                 |                      |      |             |                          |          |

(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 nominal reporting limits (MDL/POD). 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 or ASI will default to Priority Pollutants, ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Tempt: 1.2 C

| Sample Relinquished By | Name     | Affiliation | Date  | Time    | Sample Received By |
|------------------------|----------|-------------|-------|---------|--------------------|
| Michael Cawnde         | E.T.G.I. | 1/14/03     | 14:15 | 1/15/03 | Michael Cawnde     |

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