AP - 013

ANNUAL MONITORING REPORT

YEAR(S):

2003

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

Bill Von Drehle
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

ANNUAL MONITORING REPORT

AP 13

MAR 27 2003

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
SW4 NE4 SECTION 28, TOWNSHIP 20 SOUTH RANGE 37 EAST

PREPARED FOR:

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

PREPARED BY:

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

March 2003

Ken Dutton
Project Manager

Chance I. Johnson
New Mexico Regional Manager

TABLE OF CONTENTS

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 March 27, May 14, September 27, and December 4, 2002. During each sampling event the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on December 4, 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 indicate a general gradient of 0.008 ft./ft. to the southeast as measured between monitor wells MW-13 and MW-28. The depth to groundwater, as measured from the top of the well casing, ranged between 26.86 to 35.12 feet in the shallow alluvial aquifer.

A measurable thickness or sheen of PSH was detected in monitor wells MW-2, MW-4, MW-5, MW-6, MW-7, MW-10 and recovery wells RW-1 and RW-2 during the annual monitoring period. A maximum thickness of 0.44 foot in monitor well MW-2, 2.55 feet in monitor well MW-4, 6.43 feet in monitor well MW-5, a sheen in monitor well MW-6, 1.94 feet in monitor well MW-7, 0.09 foot in monitor well MW-10, 1.13 feet in recovery well RW-1 and 0.04 foot in recovery well RW-2 were measured and are shown on Table 1.

LABORATORY RESULTS

Groundwater samples obtained during the sampling events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX) constituent concentrations by EPA Method SW846-8260b. The groundwater chemistry data is provided as Table 2 and copies of the Laboratory Reports are provided as Appendix A. Groundwater samples that exceed NMOCD 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 concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-8, MW-9, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-19, MW-20, MW-21, MW-22, MW-26, MW-27, MW-28, MW-29 and MW-30. The benzene concentrations were above NMOCD regulatory standards in monitor wells MW-3, MW-6, MW-23 and MW-25 while the BTEX concentrations were below NMOCD regulatory standards. The benzene and BTEX concentrations were above NMOCD regulatory standards in monitor wells MW-17, MW-18 and MW-24.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2002. A measurable thickness or sheen of PSH was detected in monitor wells MW-2, MW-4, MW-5, MW-6, MW-7, MW-10 and recovery wells RW-1 and RW-2 during the annual monitoring period. A maximum thickness of 0.44 foot in monitor well MW-2, 2.55 feet in monitor well MW-4, 6.43 feet in monitor well MW-5, a sheen in monitor well MW-6, 1.94 feet in monitor well MW-7, 0.09 foot in monitor well MW-10, 1.13 feet in recovery well RW-1 and 0.04 foot in recovery well RW-2 were measured and are shown on Table 1. Approximately 300 gallons of PSH were recovered from the site during this reporting period by manual recovery methods. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicate a general gradient of 0.008 ft./ft. to the southeast as measured between monitor wells MW-13 and MW-28.

Laboratory results for all of the site groundwater samples, obtained during the calendar year 2002 monitoring period indicated that benzene and BTEX concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-8, MW-9, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-19, MW-20, MW-21, MW-22, MW-26, MW-27, MW-28, MW-29 and MW-30. The benzene concentrations were above NMOCD regulatory standards in monitor wells MW-3, MW-6, MW-23 and MW-25 while the BTEX concentrations were below NMOCD regulatory standards. The benzene and BTEX concentrations were above NMOCD regulatory standards in monitor wells MW-17, MW-18 and MW-24.

DISTRIBUTION

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

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

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

Copy 5: Jimmy Bryant
EOTT Energy, LLC
P. O. Box 1660
Midland, Texas 79702

Copy 6: Mike Kelly
EOTT Energy, LLC
P. O. Box 4666
Houston, Texas 77210-4666

Copy 7: Bill Vondrehle
EOTT Energy, LLC
P. O. Box 4666
Houston, Texas 77210-4666

Copy 8: Environmental Technology Group, Inc.
4600 W. Wall
Midland, Texas 79703

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

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C. Reynolds
Quality Control Review

FIGURES

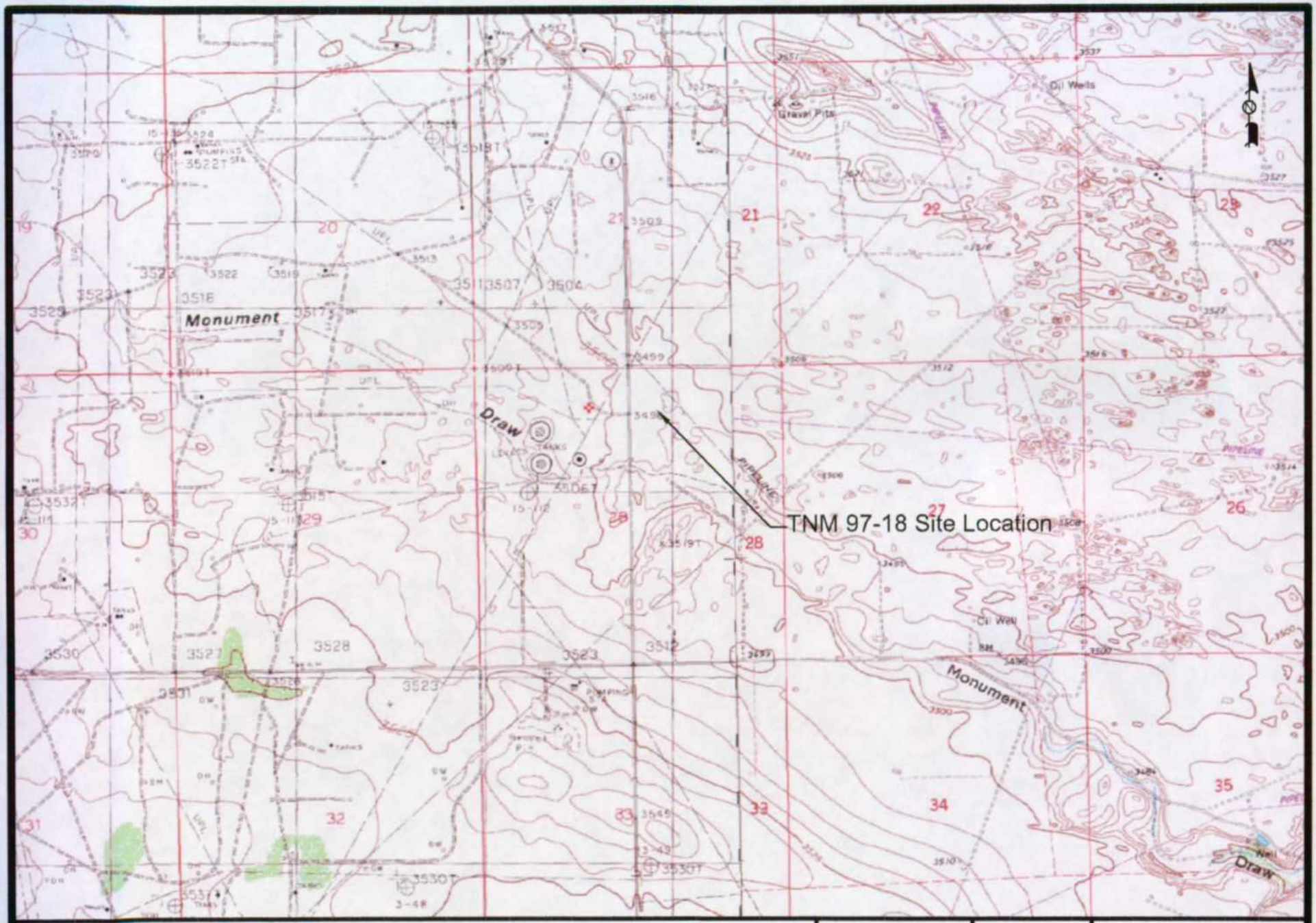


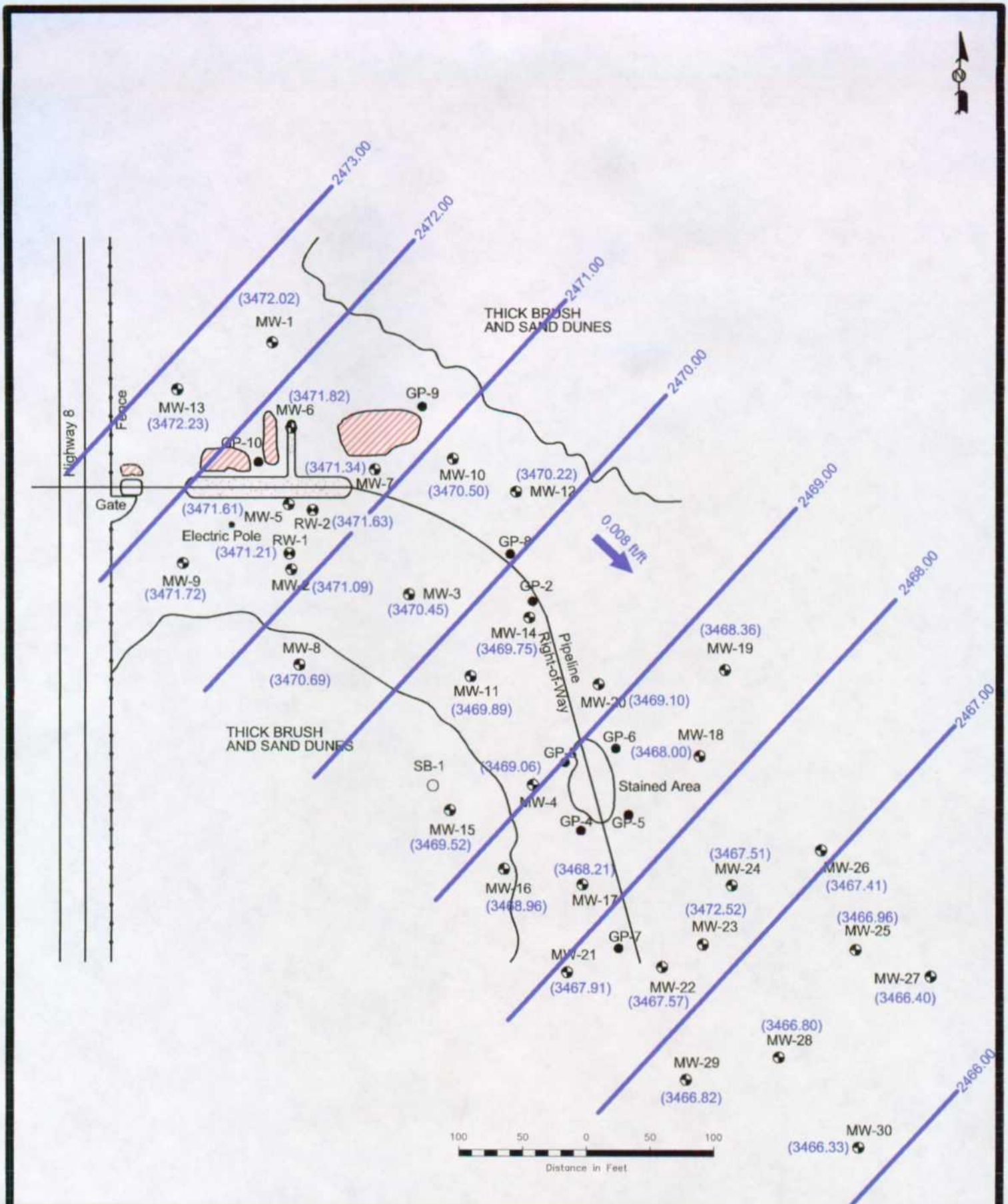
Figure 1
Site Location Map

EOTT Energy, LLP
TNM 97-18
Lea County, NM

Environmental Technology Group, Inc.

SW1/4 NE1/4 Sec 28 T20S R37E

Scale: NTS	Prep By: JDJ	Checked By: RE
February 11, 2003	ETGI Project #: EO2025	



LEGEND:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location
- Stockpile Soil
- Excavated Area
- (3467.57) Groundwater Elevation in Feet
- 0.008 ft/ft Groundwater Gradient Direction and Magnitude

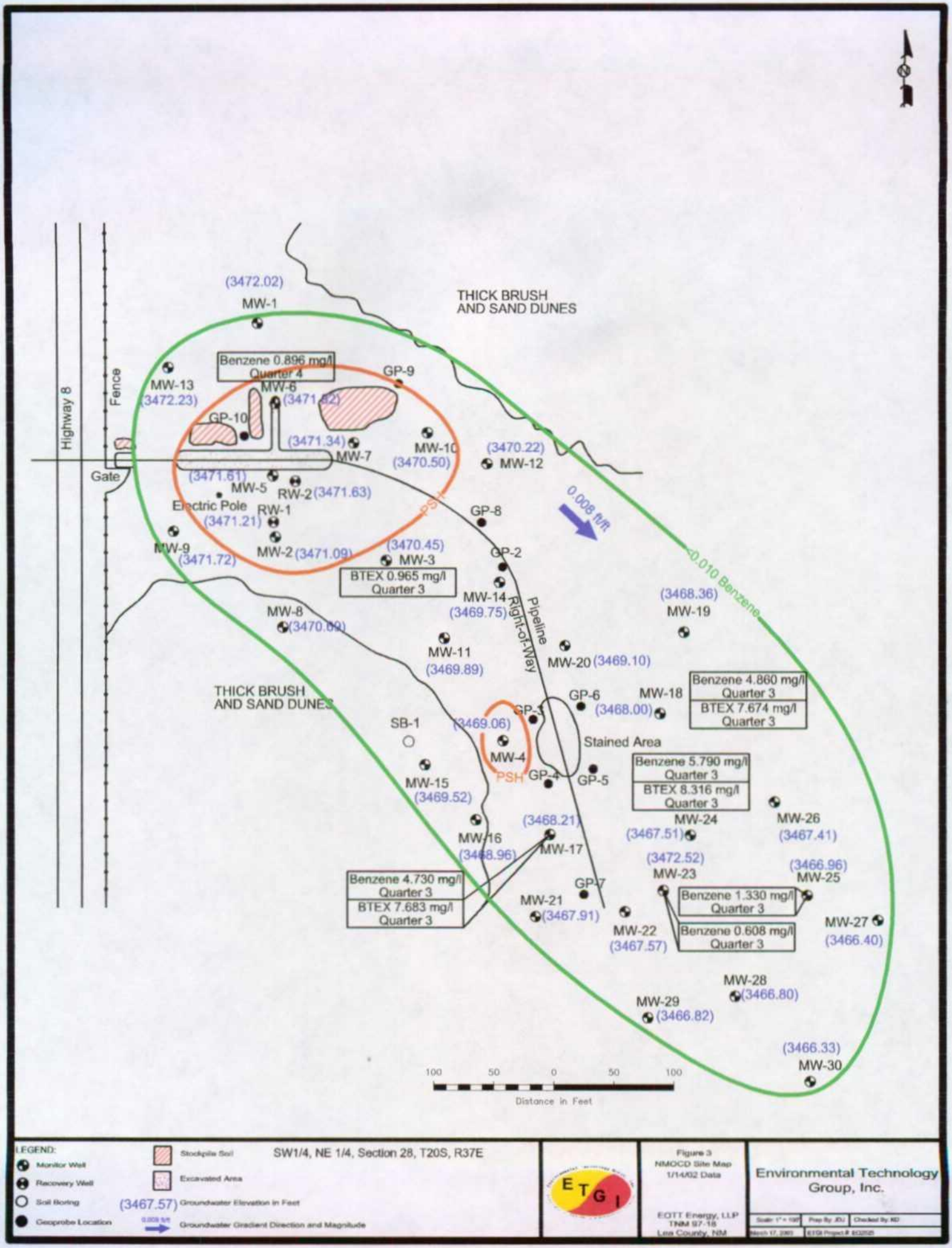
SW1/4, NE 1/4, Section 28, T20S, R37E

Figure 2
Site Groundwater Gradient Map (11/14/02)

EOTT Energy, LLP
TNM 97-18
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 100	Prep By: JDJ	Checked By: MVS
March 17, 2003	ETGI Project # 1030025	


(3472.02)
MW-1
THICK BRUSH
AND SAND DUNES
Benzene 0.896 mg/l
Quarter 4
GP-9
MW-13
(3472.23)
MW-6
(3471.82)
Highway 8
Fence
GP-10
(3471.34)
MW-7
MW-10
(3470.50)
(3470.22)
MW-12
Gate
(3471.61)
MW-5
RW-2
(3471.63)
Electric Pole
RW-1
(3471.21)
PSH
GP-8
0.008 ft/ft
MW-9
(3471.72)
MW-2
(3471.09)
(3470.45)
MW-3
GP-2
BTEX 0.965 mg/l
Quarter 3
MW-14
(3469.75)
Pipeline
Right-of-Way
0.010 Benzene
(3468.36)
MW-19
MW-8
(3470.09)
MW-11
(3469.89)
MW-20
(3469.10)
THICK BRUSH
AND SAND DUNES
GP-6
MW-18
(3468.00)
Benzene 4.860 mg/l
Quarter 3
BTEX 7.674 mg/l
Quarter 3
SB-1
(3469.06)
GP-3
Stained Area
MW-4
PSH
GP-4
GP-5
MW-15
(3469.52)
Benzene 5.790 mg/l
Quarter 3
BTEX 8.316 mg/l
Quarter 3
MW-24
(3467.51)
MW-26
(3467.41)
(3468.21)
MW-16
(3468.96)
MW-17
(3472.52)
MW-23
(3466.96)
MW-25
Benzene 4.730 mg/l
Quarter 3
BTEX 7.683 mg/l
Quarter 3
GP-7
MW-21
(3467.91)
Benzene 1.330 mg/l
Quarter 3
MW-27
(3466.40)
MW-22
(3467.57)
Benzene 0.608 mg/l
Quarter 3
MW-28
(3466.80)
MW-29
(3466.82)
(3466.33)
MW-30
100 50 0 50 100
Distance in Feet
LEGEND:
Monitor Well
Recovery Well
Soil Boring
Geoprobe Location
Stockpile Soil
Excavated Area
(3467.57) Groundwater Elevation in Feet
Groundwater Gradient Direction and Magnitude
SW1/4, NE 1/4, Section 28, T20S, R37E
ETGI
Figure 3
NMOCD Site Map
1/14/02 Data
EOTT Energy, LLP
TNM 97-16
Lea County, NM
Environmental Technology
Group, Inc.

TABLES

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/03/00	3,500.17	-	28.60	0.00	3,471.57
	05/16/00	3,500.17	-	28.68	0.00	3,471.49
	09/01/00	3,500.17	-	29.06	0.00	3,471.11
	11/21/00	3,500.17	-	29.23	0.00	3,470.94
	03/05/01	3,500.17	-	28.94	0.00	3,471.23
	05/17/01	3,500.17	-	28.72	0.00	3,471.45
	08/27/01	3,500.17	-	29.95	0.00	3,470.22
	10/24/01	3,500.17	-	28.65	0.00	3,471.52
	03/27/02	3,500.17	-	28.49	0.00	3,471.68
	05/14/02	3,500.17	-	28.14	0.00	3,472.03
	06/07/02	3,500.17	-	28.30	0.00	3,471.87
	09/27/02	3,500.17	-	28.41	0.00	3,471.76
	12/04/02	3,500.17	-	28.15	0.00	3,472.02
MW - 2	03/03/00	3,499.19	-	28.38	0.00	3,470.81
	05/16/00	3,499.19	28.43	28.43	0.00	3,470.76
	09/01/00	3,499.19	29.00	29.00	0.00	3,470.19
	11/21/00	3,499.19	28.94	28.94	0.00	3,470.25
	03/05/01	3,499.19	28.75	28.88	0.13	3,470.42
	05/17/01	3,499.19	28.52	28.66	0.14	3,470.65
	08/27/01	3,499.19	29.58	29.72	0.14	3,469.59
	10/24/01	3,499.19	29.09	29.24	0.15	3,470.08
	03/27/02	3,499.19	28.30	28.62	0.32	3,470.84
	05/14/02	3,499.19	27.99	28.25	0.26	3,471.16
	06/07/02	3,499.19	28.08	28.34	0.26	3,471.07
	09/27/02	3,499.19	28.09	28.46	0.37	3,471.04
	10/29/02	3,499.19	28.19	28.63	0.44	3,470.93
	11/07/02	3,499.19	28.07	28.51	0.44	3,471.05
	12/04/02	3,499.19	28.10	28.12	0.02	3,471.09
MW - 3	03/03/00	3,500.05	-	29.95	0.00	3,470.10
	05/16/00	3,500.05	-	30.03	0.00	3,470.02
	09/01/00	3,500.05	-	30.56	0.00	3,469.49
	11/21/00	3,500.05	-	30.21	0.00	3,469.84
	03/05/01	3,500.05	-	30.25	0.00	3,469.80
	05/17/01	3,500.05	-	30.05	0.00	3,470.00
	08/27/01	3,500.05	-	31.00	0.00	3,469.05
	10/24/01	3,500.05	-	30.40	0.00	3,469.65
	03/27/02	3,500.05	-	29.90	0.00	3,470.15
	05/14/02	3,500.05	-	29.58	0.00	3,470.47
	06/07/02	3,500.05	-	29.68	0.00	3,470.37
	09/27/02	3,500.05	-	29.78	0.00	3,470.27
	12/04/02	3,500.05	-	29.60	0.00	3,470.45

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	03/03/00	3,498.38	29.55	30.28	0.73	3468.72
	05/16/00	3,498.38	29.56	30.33	0.77	3468.70
	09/01/00	3,498.38	30.11	31.24	0.13	3467.25
	11/21/00	3,498.38	30.21	31.56	1.35	3467.97
	03/05/01	3,498.38	29.66	31.52	1.86	3468.44
	05/17/01	3,498.38	29.42	31.31	1.89	3468.68
	08/27/01	3,498.38	30.46	32.21	1.75	3467.66
	10/24/01	3,498.38	29.91	31.28	1.37	3468.26
	03/27/02	3,498.38	29.38	31.20	1.82	3468.73
	05/14/02	3,498.38	28.99	30.98	1.99	3469.09
	06/07/02	3,498.38	29.03	31.38	2.35	3469.00
	09/27/02	3,498.38	28.97	31.52	2.55	3469.03
	10/08/02	3,498.38	29.57	29.64	0.07	3468.80
	10/29/02	3,498.38	29.82	29.82	0.00	3468.56
	11/07/02	3,498.38	29.56	29.97	0.41	3468.76
	12/04/02	3,498.38	29.14	30.31	1.17	3469.06
MW - 5	03/03/00	3,500.12	28.90	30.26	1.36	3471.02
	05/16/00	3,500.12	28.94	30.31	1.37	3470.97
	09/01/00	3,500.12	29.47	30.36	0.89	3470.52
	11/21/00	3,500.12	29.46	32.06	2.60	3470.27
	03/05/01	3,500.12	29.17	31.64	2.47	3470.58
	05/17/01	3,500.12	28.73	32.68	3.95	3470.80
	08/27/01	3,500.12	30.15	31.48	1.33	3469.77
	10/24/01	3,500.12	28.50	35.60	7.10	3470.56
	03/27/02	3,500.12	28.18	34.61	6.43	3470.98
	05/14/02	3,500.12	28.10	33.85	5.75	3471.16
	06/07/02	3,500.12	28.25	33.77	2.52	3468.49
	09/27/02	3,500.12	28.24	34.33	6.09	3470.97
	10/08/02	3,500.12	28.89	29.26	0.37	3471.17
	10/29/02	3,500.12	28.62	29.58	0.96	3471.36
	11/07/02	3,500.12	28.50	30.06	2.56	3472.24
	12/04/02	3,500.12	28.36	29.37	1.01	3471.61
MW - 6	06/07/02	3,499.82	28.16	28.16	0.00	3471.66
	09/27/02	3,499.82	28.18	28.18	0.00	3471.64
	12/04/02	3,499.82	-	28.00	0.00	3471.82

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	06/07/02	3,498.33	27.47	26.86	0.61	3471.99
	09/27/02	3,498.33	26.76	28.70	1.94	3471.28
	10/08/02	3,498.33	27.24	27.41	0.17	3471.06
	10/29/02	3,498.33	27.23	27.23	0.00	3471.10
	11/07/02	3,498.33	26.68	27.01	0.33	3471.60
	12/04/02	3,498.33	26.91	27.46	0.55	3471.34
MW - 8	06/07/02	3,502.25	-	31.75	0.00	3470.50
	09/27/02	3,502.25	-	31.80	0.00	3470.45
	12/04/02	3,502.25	-	31.56	0.00	3470.69
MW - 9	06/07/02	3,502.24	-	30.65	0.00	3471.59
	09/27/02	3,502.24	-	30.81	0.00	3471.43
	12/04/02	3,502.24	-	30.52	0.00	3471.72
MW - 10	06/07/02	3,499.42	-	28.79	0.00	3470.63
	09/27/02	3,499.42	28.88	28.97	0.09	3470.53
	10/29/02	3,499.42	29.04	29.10	0.06	3470.37
	11/0702	3,499.42	28.91	28.93	0.02	3470.51
	12/04/02	3,499.42	28.92	28.92	0.00	3470.50
MW - 11	06/07/02	3,498.18	-	28.48	0.00	3469.70
	09/27/02	3,498.18	-	28.60	0.00	3469.58
	12/04/02	3,498.18	-	28.29	0.00	3469.89
MW - 12	06/07/02	3,499.66	-	29.56	0.00	3470.10
	09/27/02	3,499.66	-	29.73	0.00	3469.93
	12/04/02	3,499.66	-	29.44	0.00	3470.22
MW - 13	06/07/02	3,501.60	-	29.51	0.00	3472.09
	09/27/02	3,501.60	-	29.66	0.00	3471.94
	12/04/02	3,501.60	-	29.37	0.00	3472.23
MW - 14	06/07/02	3,498.54	-	29.00	0.00	3469.54
	09/27/02	3,498.54	-	29.13	0.00	3469.41
	12/04/02	3,498.54	-	28.79	0.00	3469.75
MW - 15	06/07/02	3,500.65	-	31.42	0.00	3469.23
	09/27/02	3,500.65	-	31.40	0.00	3469.25
	12/04/02	3,500.65	-	31.13	0.00	3469.52
MW - 16	06/07/02	3,501.45	-	32.78	0.00	3468.67
	09/27/02	3,501.45	-	32.77	0.00	3468.68
	12/04/02	3,501.45	-	32.49	0.00	3468.96
MW - 17	06/07/02	3,498.32	-	30.25	0.00	3468.07
	09/27/02	3,498.32	-	30.32	0.00	3468.00
	12/04/02	3,498.32	-	30.11	0.00	3468.21
MW - 18	06/07/02	3,497.25	-	29.42	0.00	3467.83
	09/27/02	3,497.25	-	29.53	0.00	3467.72
	12/04/02	3,497.25	-	29.25	0.00	3468.00

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	06/07/02	3,498.24	-	30.08	0.00	3468.16
	09/27/02	3,498.24	-	30.23	0.00	3468.01
	12/04/02	3,498.24	-	29.88	0.00	3468.36
MW - 20	06/07/02	3,496.59	-	28.63	0.00	3467.96
	09/27/02	3,496.59	-	27.75	0.00	3468.84
	12/04/02	3,496.59	-	27.49	0.00	3469.10
MW - 21	06/07/02	3,503.03	-	35.39	0.00	3467.64
	09/27/02	3,503.03	-	35.42	0.00	3467.61
	12/04/02	3,503.03	-	35.12	0.00	3467.91
MW - 22	06/07/02	3,500.05	-	32.73	0.00	3467.32
	09/27/02	3,500.05	-	32.81	0.00	3467.24
	12/04/02	3,500.05	-	32.48	0.00	3467.57
MW -23	06/07/02	3,498.88	-	31.59	0.00	3467.29
	09/27/02	3,498.88	-	31.68	0.00	3467.20
	12/04/02	3,498.88	-	31.36	0.00	3467.52
MW - 24	06/07/02	3,498.79	-	31.45	0.00	3467.34
	09/27/02	3,498.79	-	31.54	0.00	3467.25
	12/04/02	3,498.79	-	31.28	0.00	3467.51
MW - 25	06/07/02	3,498.08	-	31.38	0.00	3466.70
	09/27/02	3,498.08	-	31.49	0.00	3466.59
	12/04/02	3,498.08	-	31.12	0.00	3466.96
MW - 26	06/07/02	3,499.18	-	32.04	0.00	3467.14
	09/27/02	3,499.18	-	32.16	0.00	3467.02
	12/04/02	3,499.18	-	31.77	0.00	3467.41
MW - 27	06/07/02	3,498.03	-	31.84	0.00	3466.19
	09/27/02	3,498.03	-	32.03	0.00	3466.00
	12/04/02	3,498.03	-	31.63	0.00	3466.40
MW - 28	06/07/02	3,498.69	-	32.19	0.00	3466.50
	09/27/02	3,498.69	-	30.23	0.00	3468.46
	12/04/02	3,498.69	-	31.89	0.00	3466.80
MW - 29	06/07/02	3,500.79	-	33.81	0.00	3466.98
	09/27/02	3,500.79	-	33.97	0.00	3466.82
	12/04/02	3,500.79	-	33.51	0.00	3467.28
MW - 30	06/07/02	3,498.65	-	32.48	0.00	3466.17
	09/27/02	3,498.65	-	32.62	0.00	3466.03
	12/04/02	3,498.65	-	32.32	0.00	3466.33
RW - 1	12/04/02	3,498.89	27.51	28.64	1.13	3471.21
RW - 2	12/04/02	3,498.99	28.10	27.70	0.40	3471.63

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NM
ETGI Project # EO 2025

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001
	05/16/00	<0.001	<0.001	<0.001	<0.001
	09/01/00	<0.001	<0.001	<0.001	<0.001
	11/21/00	<0.001	<0.001	<0.001	<0.001
	03/05/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.005	<0.005	<0.005	<0.005
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 2	03/03/00	0.694	0.260	0.407	0.235
MW - 3	03/03/00	0.309	0.003	0.201	0.035
	05/16/00	0.410	0.006	0.238	0.041
	09/01/00	0.402	0.003	0.248	0.040
	11/21/00	0.574	0.002	0.352	0.069
	03/05/01	0.560	0.002	0.290	0.046
	05/17/01	0.557	<0.020	0.283	0.054
	08/27/01	0.180	<0.001	0.100	0.011
	10/24/01	0.162	<0.001	0.131	0.032
	03/27/02	0.278	0.004	0.128	0.027
	05/14/02	0.574	0.007	0.305	0.069
	09/27/02	0.965	<0.001	0.362	0.072
	12/04/02	0.672	0.001	0.451	0.095
MW - 6	12/04/02	0.896	0.080	0.869	0.199
MW - 8	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 9	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 11	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NM
ETGI Project # EO 2025

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 12	09/27/02	0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 13	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 14	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 15	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 16	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 17	09/27/02	4.730	0.117	2.290	0.546
	12/04/02	3.680	0.119	2.530	0.643
MW - 18	09/27/02	4.860	0.190	2.360	0.264
	12/04/02	3.360	0.210	2.770	0.486
MW - 19	09/27/02	0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 20	09/27/02	0.002	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	0.002	<0.001
MW - 21	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 22	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 23	09/27/02	0.608	<0.001	0.135	0.001
	12/04/02	0.247	<0.001	0.037	0.003
MW - 24	09/27/02	5.790	0.742	1.310	0.474
	12/04/02	3.260	0.414	1.220	0.360
MW - 25	09/27/02	1.330	0.003	0.508	0.007
	12/04/02	0.749	<0.001	0.131	0.008
MW - 26	09/27/02	0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 27	09/27/02	0.001	<0.001	0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 28	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NM
ETGI Project # EO 2025

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 29	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 30	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
EB - 1	09/01/00	<0.001	<0.001	<0.001	<0.001
	03/05/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.001	<0.001	<0.001	<0.001
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/05/02	<0.001	<0.001	<0.001	<0.001

APPENDICES

Appendix A

Laboratory Reports

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

ient: Environmental Tech Group
tn: Ken Dutton
ldress: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127635 **Report Date:** 04/10/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 1
Sample Matrix: water
Date Received: 04/02/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:10

:PORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

ırameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
)latile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
:nzene	<1	µg/L	1	<1	04/04/02	8260b	J	7.1	89.1	89.8	90.8
ıylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
)luene	<1	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ıt: Environmental Tech Group : Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 1	**Report#/Lab ID#:** 127635 **Sample Matrix:** water

ORT OF SURROGATE RECOVERY

ogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
ichloroethane-d4	8260b	111	80-120	---
ne-d8	8260b	96.5	88-110	---

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

ceptions Report:

port #/Lab ID#: 127635 **Matrix:** water
ent: Environmental Tech Group **Attn:** Ken Dutton
)ject ID: TNM 97-18 EOT 2025C
nple Name: MW 1

nple 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).

nple 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.

lag Discussion

flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for kground levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the ection 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 ified 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.)

mments pertaining to Data Qualifiers and QC data:

rameter	Qualif	Comment
zene	J	See J-flag discussion above.

tes:

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

lient: Environmental Tech Group
ttn: Ken Dutton
ddress: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127636 **Report Date:** 04/10/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 3
Sample Matrix: water
Date Received: 04/02/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:20

EPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

arameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
olatile organics-8260b/BTEX	---		---		04/09/02	8260b	---	---	---	---	---
enzene	278	µg/L	10	<10	04/05/02	8260b	---	0.3	99.2	95.7	100.7
hylbenzene	128	µg/L	1	<1	04/09/02	8260b	---	0.3	97.3	100.8	98
,p-Xylenes	24.7	µg/L	1	<1	04/09/02	8260b	---	0.1	100.1	104.6	100.8
Xylene	<1	µg/L	1	<1	04/09/02	8260b	J	1.6	95.9	99.1	96.9
oluene	3.91	µg/L	1	<1	04/09/02	8260b	---	0.3	107.8	103.2	111.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

(512) 444-5896 • FAX (512) 447-4766

It: Environmental Tech Group Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 3	**Report#/Lab ID#:** 127636 **Sample Matrix:** water

ORT OF SURROGATE RECOVERY

ogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
ichloroethane-d4	8260b	109	80-120	---
ne-d8	8260b	91.7	88-110	---

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

ceptions Report:

port #/Lab ID#: 127636 **Matrix:** water
ent: Environmental Tech Group **Attn:** Ken Dutton
)ject ID: TNM 97-18 EOT 2025C
nple Name: MW 3

nple Temperature/Condition <=6°C

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

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

lag Discussion

flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for kground levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the ection 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 fied 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.)

mments pertaining to Data Qualifiers and QC data:

:ameter	Qualif	Comment
ylene	J	See J-flag discussion above.

:es:

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

ient: Environmental Tech Group
tn: Ken Dutton
ldress: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127637 **Report Date:** 04/10/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: EB 1
Sample Matrix: water
Date Received: 04/02/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:25

EPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

ırameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
olatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
enzene	<1	µg/L	1	<1	04/04/02	8260b	---	7.1	89.1	89.8	90.8
hylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
oluene	<1	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ıt: Environmental Tech Group Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** EB 1	**Report#/Lab ID#:** 127637 **Sample Matrix:** water

ORT OF SURROGATE RECOVERY

ogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
ichloroethane-d4	8260b	98.3	80-120	---
ne-d8	8260b	103	88-110	---

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: JNM 97-18 Sampler: Simon Casas
EOT 2025C

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 1	3-27-02	0910	2		X		127635	X	
MW 3		0920					127636		
EB 1		0925					127637		

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	4-2-02	1200	Melanie Humphrey	ASI	4/3/02	09:48

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

AnalySys Inc.

FILE

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

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

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

Report#/Lab ID#: 129476 **Report Date:** 05/20/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/16/02	8260b	---	8.9	99.2	108.9	91.5
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	3.6	101.8	105.2	103
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	3.3	102.2	106.9	101.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	3	101.9	102.3	103.3
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	8.5	105.8	107.5	98.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 1	**Report#/Lab ID#:** 129476 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 129477 **Report Date:** 05/20/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 11:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/17/02	8260b	---	---	---	---	---
Benzene	574	µg/L	10	<10	05/17/02	8260b	---	2.6	91.1	95.6	94.1
Ethylbenzene	305	µg/L	10	<10	05/17/02	8260b	---	2.5	102	102.7	103.5
m,p-Xylenes	66.6	µg/L	1	<1	05/17/02	8260b	---	3.2	101.4	101.9	101.9
o-Xylene	2.17	µg/L	1	<1	05/17/02	8260b	---	2.5	103.8	105	106.2
Toluene	6.54	µg/L	1	<1	05/17/02	8260b	---	2.2	96.2	100.1	99.9

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 3	**Report#/Lab ID#:** 129477 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 129478 **Report Date:** 05/20/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: EB 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 12:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/16/02	8260b	---	8.9	99.2	108.9	91.5
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	3.6	101.8	105.2	103
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	3.3	102.2	106.9	101.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	3	101.9	102.3	103.3
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	8.5	105.8	107.5	98.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** EB 1	**Report#/Lab ID#:** 129478 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 441-5896
Fax: (512) 447-1766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4182 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-18 EOT 2025C Sampler: Simon Casas

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 1	5/14/02	1130	2		X		129476	X	
MW 3	↓	1152	↓		↓		129477	↓	
EB 1	↓	1215	↓		↓		129478	↓	

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

Temp: 0.0° C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	G.T.G.I	5/14/02	1600	Melanie Humphrey	ASI	5/15/02	0920

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

FILE

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134663 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 1
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:29

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 1	**Report#/Lab ID#:** 134663 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	97	88-110	---

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134664 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 3
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	965	µg/L	10	<10	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	362	µg/L	10	<10	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	72	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	J	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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 Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 3	**Report#/Lab ID#:** 134664 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	97	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134664 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134665 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 8
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	J	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 8	**Report#/Lab ID#:** 134665 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	98	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134665 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 8

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134666 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 9
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:12

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 9	**Report#/Lab ID#:** 134666 **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	97.9	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134667 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 11
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	J	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	J	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 11	**Report#/Lab ID#:** 134667 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134667 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 11

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134668 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 12
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:44

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	1.26	µg/L	1	<1	10/07/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 12	**Report#/Lab ID#:** 134668 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	118	80-120	---
Toluene-d8	8260b	100	88-110	---

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

ANALYSYS inc.

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

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

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

Report#/Lab ID#: 134669 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 13
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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.

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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 Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 13	**Report#/Lab ID#:** 134669 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS 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 Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134670 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 14
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:27

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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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 Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 14	**Report#/Lab ID#:** 134670 **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	---

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

AP - 013

ANNUAL MONITORING REPORT

YEAR(S):

2003

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

Bill Von Drehle
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

ANNUAL MONITORING REPORT

AP 13

MAR 27 2003

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
SW4 NE4 SECTION 28, TOWNSHIP 20 SOUTH RANGE 37 EAST

PREPARED FOR:

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

PREPARED BY:

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

March 2003

Ken Dutton
Project Manager

Chance I. Johnson
New Mexico Regional Manager

TABLE OF CONTENTS

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 March 27, May 14, September 27, and December 4, 2002. During each sampling event the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on December 4, 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 indicate a general gradient of 0.008 ft./ft. to the southeast as measured between monitor wells MW-13 and MW-28. The depth to groundwater, as measured from the top of the well casing, ranged between 26.86 to 35.12 feet in the shallow alluvial aquifer.

A measurable thickness or sheen of PSH was detected in monitor wells MW-2, MW-4, MW-5, MW-6, MW-7, MW-10 and recovery wells RW-1 and RW-2 during the annual monitoring period. A maximum thickness of 0.44 foot in monitor well MW-2, 2.55 feet in monitor well MW-4, 6.43 feet in monitor well MW-5, a sheen in monitor well MW-6, 1.94 feet in monitor well MW-7, 0.09 foot in monitor well MW-10, 1.13 feet in recovery well RW-1 and 0.04 foot in recovery well RW-2 were measured and are shown on Table 1.

LABORATORY RESULTS

Groundwater samples obtained during the sampling events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX) constituent concentrations by EPA Method SW846-8260b. The groundwater chemistry data is provided as Table 2 and copies of the Laboratory Reports are provided as Appendix A. Groundwater samples that exceed NMOCD 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 concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-8, MW-9, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-19, MW-20, MW-21, MW-22, MW-26, MW-27, MW-28, MW-29 and MW-30. The benzene concentrations were above NMOCD regulatory standards in monitor wells MW-3, MW-6, MW-23 and MW-25 while the BTEX concentrations were below NMOCD regulatory standards. The benzene and BTEX concentrations were above NMOCD regulatory standards in monitor wells MW-17, MW-18 and MW-24.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2002. A measurable thickness or sheen of PSH was detected in monitor wells MW-2, MW-4, MW-5, MW-6, MW-7, MW-10 and recovery wells RW-1 and RW-2 during the annual monitoring period. A maximum thickness of 0.44 foot in monitor well MW-2, 2.55 feet in monitor well MW-4, 6.43 feet in monitor well MW-5, a sheen in monitor well MW-6, 1.94 feet in monitor well MW-7, 0.09 foot in monitor well MW-10, 1.13 feet in recovery well RW-1 and 0.04 foot in recovery well RW-2 were measured and are shown on Table 1. Approximately 300 gallons of PSH were recovered from the site during this reporting period by manual recovery methods. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicate a general gradient of 0.008 ft./ft. to the southeast as measured between monitor wells MW-13 and MW-28.

Laboratory results for all of the site groundwater samples, obtained during the calendar year 2002 monitoring period indicated that benzene and BTEX concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-8, MW-9, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-19, MW-20, MW-21, MW-22, MW-26, MW-27, MW-28, MW-29 and MW-30. The benzene concentrations were above NMOCD regulatory standards in monitor wells MW-3, MW-6, MW-23 and MW-25 while the BTEX concentrations were below NMOCD regulatory standards. The benzene and BTEX concentrations were above NMOCD regulatory standards in monitor wells MW-17, MW-18 and MW-24.

DISTRIBUTION

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

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

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

Copy 5: Jimmy Bryant
EOTT Energy, LLC
P. O. Box 1660
Midland, Texas 79702

Copy 6: Mike Kelly
EOTT Energy, LLC
P. O. Box 4666
Houston, Texas 77210-4666

Copy 7: Bill Vondrehle
EOTT Energy, LLC
P. O. Box 4666
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4600 W. Wall
Midland, Texas 79703

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2540 W. Marland
Hobbs, New Mexico 88240

Copy Number: 1

C. Reynolds
Quality Control Review

FIGURES

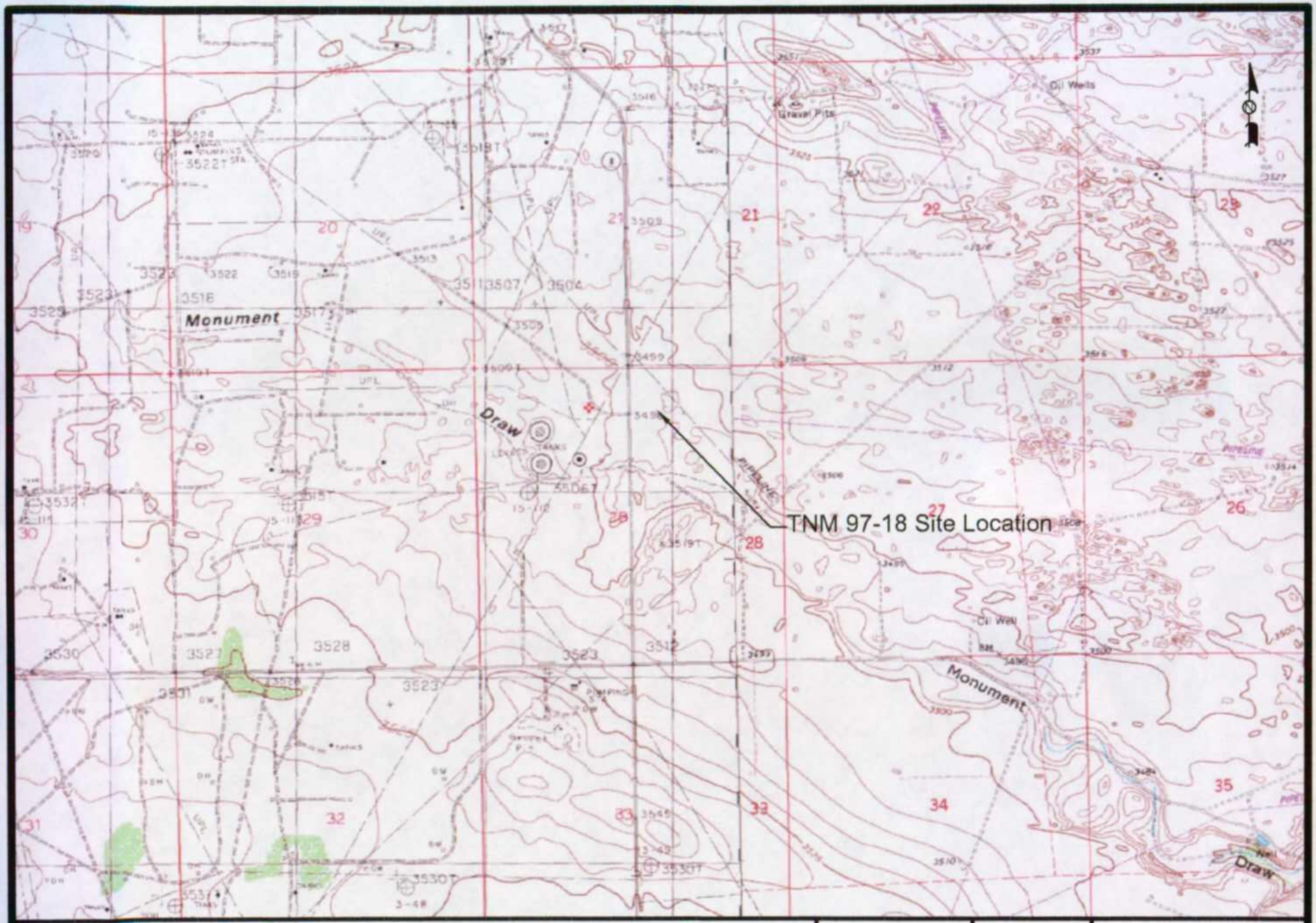


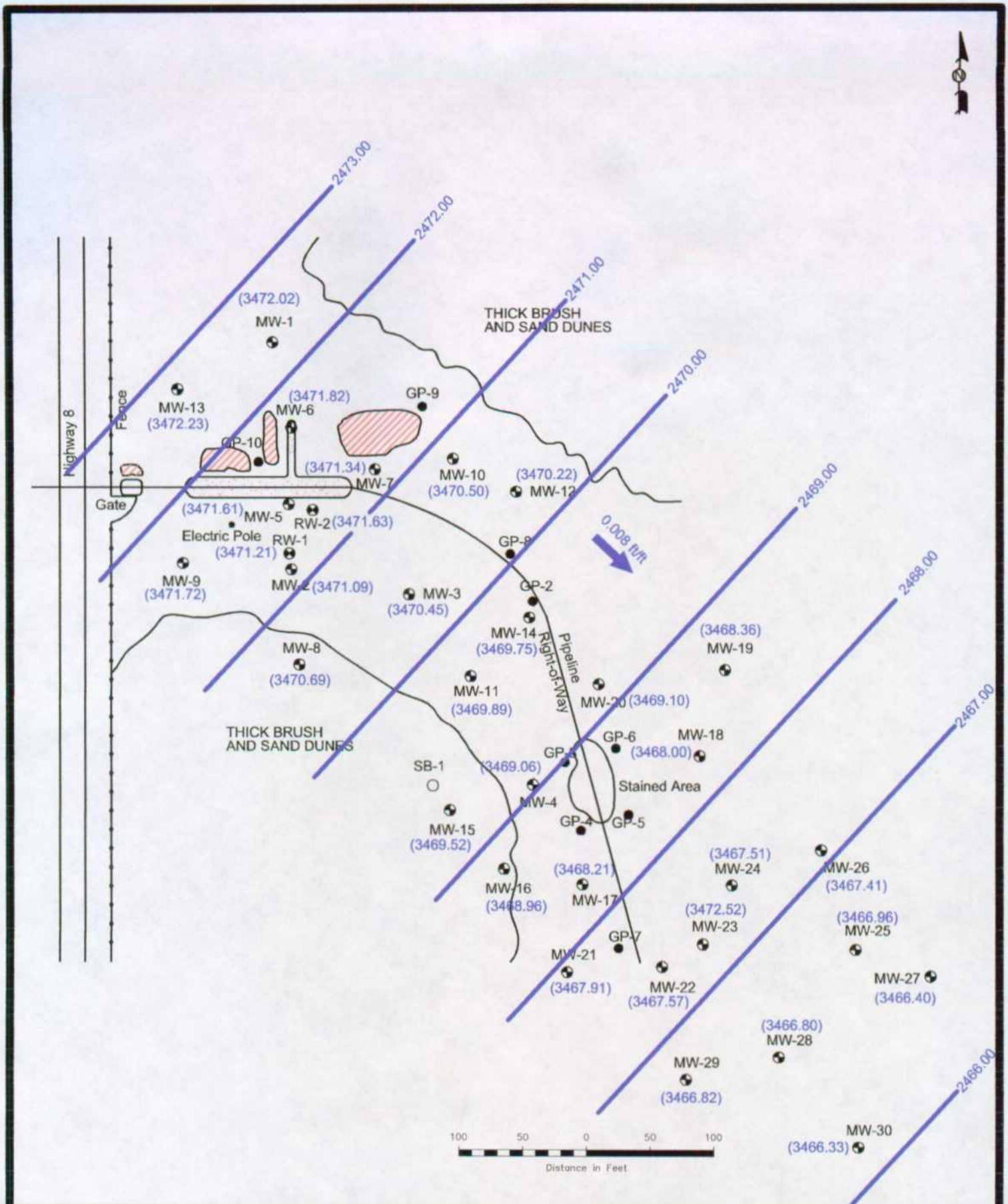
Figure 1
Site Location Map

EOTT Energy, LLP
TNM 97-18
Lea County, NM

Environmental Technology Group, Inc.

SW1/4 NE1/4 Sec 28 T20S R37E

Scale: NTS	Prep By: JDJ	Checked By: RE
February 11, 2003	ETGI Project #: EO2025	



LEGEND:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location
- Stockpile Soil
- Excavated Area
- (3467.57) Groundwater Elevation in Feet
- 0.008 ft/ft Groundwater Gradient Direction and Magnitude

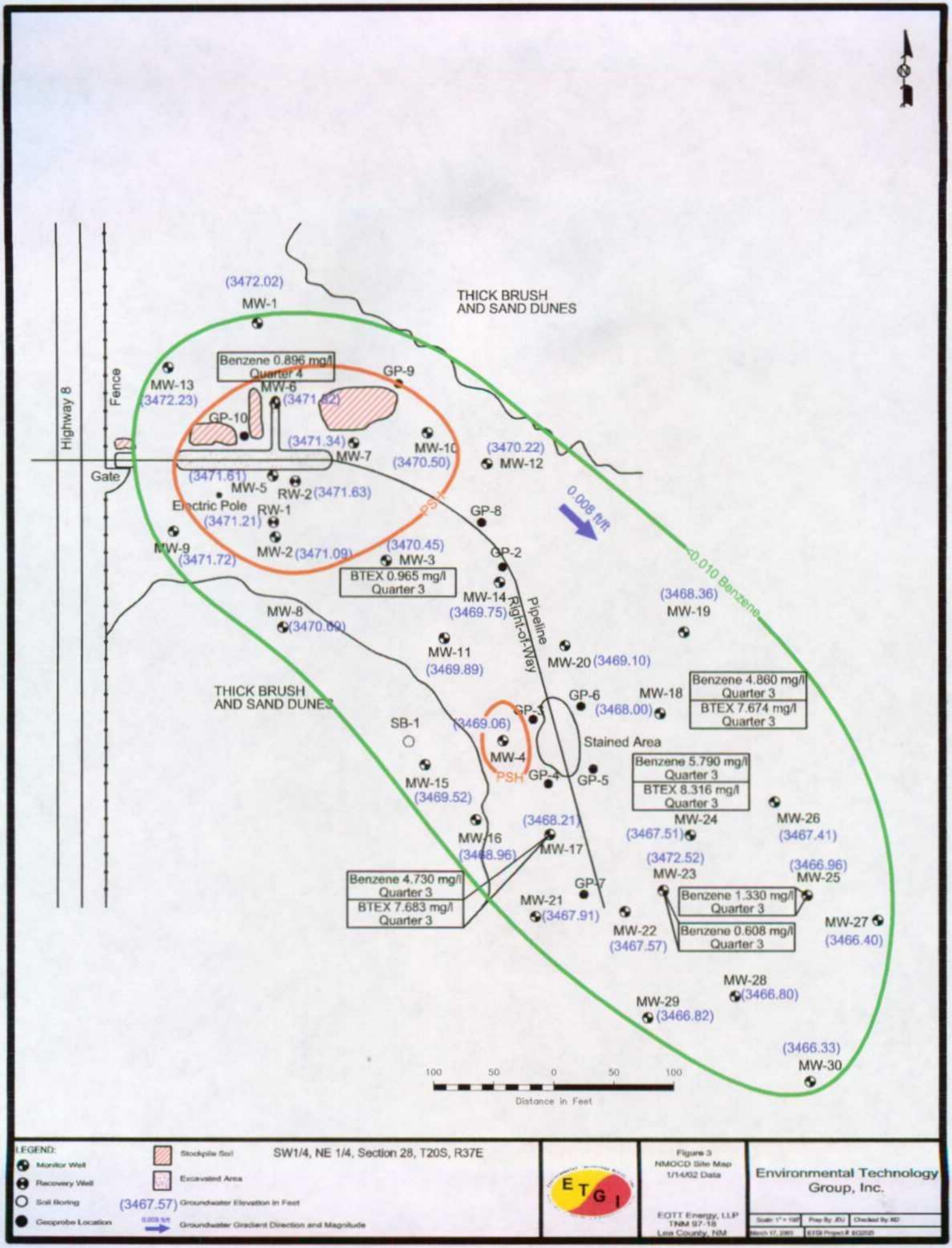
SW1/4, NE 1/4, Section 28, T20S, R37E

Figure 2
Site Groundwater Gradient Map (11/14/02)

EOTT Energy, LLP
TNM 97-18
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 100	Prep By: JDJ	Checked By: MVS
March 17, 2003	ETGI Project # 1030025	


(3472.02)
MW-1
THICK BRUSH
AND SAND DUNES
Benzene 0.896 mg/l
Quarter 4
GP-9
MW-13
(3472.23)
MW-6
(3471.82)
Highway 8
Fence
GP-10
(3471.34)
MW-7
MW-10
(3470.50)
(3470.22)
MW-12
Gate
(3471.61)
MW-5
RW-2
(3471.63)
Electric Pole
RW-1
(3471.21)
PSH
GP-8
0.008 ft/ft
MW-9
(3471.72)
MW-2
(3471.09)
(3470.45)
MW-3
GP-2
BTEX 0.965 mg/l
Quarter 3
MW-14
(3469.75)
Pipeline
Right-of-Way
0.010 Benzene
(3468.36)
MW-19
MW-8
(3470.09)
MW-11
(3469.89)
MW-20
(3469.10)
THICK BRUSH
AND SAND DUNES
GP-6
MW-18
(3468.00)
Benzene 4.860 mg/l
Quarter 3
BTEX 7.674 mg/l
Quarter 3
SB-1
(3469.06)
GP-3
Stained Area
MW-4
PSH
GP-4
GP-5
MW-15
(3469.52)
Benzene 5.790 mg/l
Quarter 3
BTEX 8.316 mg/l
Quarter 3
MW-24
(3467.51)
MW-26
(3467.41)
(3468.21)
MW-16
(3468.96)
MW-17
(3472.52)
MW-23
(3466.96)
MW-25
Benzene 4.730 mg/l
Quarter 3
BTEX 7.683 mg/l
Quarter 3
GP-7
MW-21
(3467.91)
Benzene 1.330 mg/l
Quarter 3
MW-27
(3466.40)
MW-22
(3467.57)
Benzene 0.608 mg/l
Quarter 3
MW-28
(3466.80)
MW-29
(3466.82)
(3466.33)
MW-30
100 50 0 50 100
Distance in Feet
LEGEND:
Monitor Well
Recovery Well
Soil Boring
Geoprobe Location
Stockpile Soil
Excavated Area
(3467.57) Groundwater Elevation in Feet
Groundwater Gradient Direction and Magnitude
SW1/4, NE 1/4, Section 28, T20S, R37E
ETGI
Figure 3
NMOCD Site Map
1/14/02 Data
EOTT Energy, LLP
TNM 97-16
Lea County, NM
Environmental Technology
Group, Inc.

TABLES

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/03/00	3,500.17	-	28.60	0.00	3,471.57
	05/16/00	3,500.17	-	28.68	0.00	3,471.49
	09/01/00	3,500.17	-	29.06	0.00	3,471.11
	11/21/00	3,500.17	-	29.23	0.00	3,470.94
	03/05/01	3,500.17	-	28.94	0.00	3,471.23
	05/17/01	3,500.17	-	28.72	0.00	3,471.45
	08/27/01	3,500.17	-	29.95	0.00	3,470.22
	10/24/01	3,500.17	-	28.65	0.00	3,471.52
	03/27/02	3,500.17	-	28.49	0.00	3,471.68
	05/14/02	3,500.17	-	28.14	0.00	3,472.03
	06/07/02	3,500.17	-	28.30	0.00	3,471.87
	09/27/02	3,500.17	-	28.41	0.00	3,471.76
	12/04/02	3,500.17	-	28.15	0.00	3,472.02
MW - 2	03/03/00	3,499.19	-	28.38	0.00	3,470.81
	05/16/00	3,499.19	28.43	28.43	0.00	3,470.76
	09/01/00	3,499.19	29.00	29.00	0.00	3,470.19
	11/21/00	3,499.19	28.94	28.94	0.00	3,470.25
	03/05/01	3,499.19	28.75	28.88	0.13	3,470.42
	05/17/01	3,499.19	28.52	28.66	0.14	3,470.65
	08/27/01	3,499.19	29.58	29.72	0.14	3,469.59
	10/24/01	3,499.19	29.09	29.24	0.15	3,470.08
	03/27/02	3,499.19	28.30	28.62	0.32	3,470.84
	05/14/02	3,499.19	27.99	28.25	0.26	3,471.16
	06/07/02	3,499.19	28.08	28.34	0.26	3,471.07
	09/27/02	3,499.19	28.09	28.46	0.37	3,471.04
	10/29/02	3,499.19	28.19	28.63	0.44	3,470.93
	11/07/02	3,499.19	28.07	28.51	0.44	3,471.05
	12/04/02	3,499.19	28.10	28.12	0.02	3,471.09
MW - 3	03/03/00	3,500.05	-	29.95	0.00	3,470.10
	05/16/00	3,500.05	-	30.03	0.00	3,470.02
	09/01/00	3,500.05	-	30.56	0.00	3,469.49
	11/21/00	3,500.05	-	30.21	0.00	3,469.84
	03/05/01	3,500.05	-	30.25	0.00	3,469.80
	05/17/01	3,500.05	-	30.05	0.00	3,470.00
	08/27/01	3,500.05	-	31.00	0.00	3,469.05
	10/24/01	3,500.05	-	30.40	0.00	3,469.65
	03/27/02	3,500.05	-	29.90	0.00	3,470.15
	05/14/02	3,500.05	-	29.58	0.00	3,470.47
	06/07/02	3,500.05	-	29.68	0.00	3,470.37
	09/27/02	3,500.05	-	29.78	0.00	3,470.27
	12/04/02	3,500.05	-	29.60	0.00	3,470.45

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	03/03/00	3,498.38	29.55	30.28	0.73	3468.72
	05/16/00	3,498.38	29.56	30.33	0.77	3468.70
	09/01/00	3,498.38	30.11	31.24	0.13	3467.25
	11/21/00	3,498.38	30.21	31.56	1.35	3467.97
	03/05/01	3,498.38	29.66	31.52	1.86	3468.44
	05/17/01	3,498.38	29.42	31.31	1.89	3468.68
	08/27/01	3,498.38	30.46	32.21	1.75	3467.66
	10/24/01	3,498.38	29.91	31.28	1.37	3468.26
	03/27/02	3,498.38	29.38	31.20	1.82	3468.73
	05/14/02	3,498.38	28.99	30.98	1.99	3469.09
	06/07/02	3,498.38	29.03	31.38	2.35	3469.00
	09/27/02	3,498.38	28.97	31.52	2.55	3469.03
	10/08/02	3,498.38	29.57	29.64	0.07	3468.80
	10/29/02	3,498.38	29.82	29.82	0.00	3468.56
	11/07/02	3,498.38	29.56	29.97	0.41	3468.76
	12/04/02	3,498.38	29.14	30.31	1.17	3469.06
MW - 5	03/03/00	3,500.12	28.90	30.26	1.36	3471.02
	05/16/00	3,500.12	28.94	30.31	1.37	3470.97
	09/01/00	3,500.12	29.47	30.36	0.89	3470.52
	11/21/00	3,500.12	29.46	32.06	2.60	3470.27
	03/05/01	3,500.12	29.17	31.64	2.47	3470.58
	05/17/01	3,500.12	28.73	32.68	3.95	3470.80
	08/27/01	3,500.12	30.15	31.48	1.33	3469.77
	10/24/01	3,500.12	28.50	35.60	7.10	3470.56
	03/27/02	3,500.12	28.18	34.61	6.43	3470.98
	05/14/02	3,500.12	28.10	33.85	5.75	3471.16
	06/07/02	3,500.12	28.25	33.77	2.52	3468.49
	09/27/02	3,500.12	28.24	34.33	6.09	3470.97
	10/08/02	3,500.12	28.89	29.26	0.37	3471.17
	10/29/02	3,500.12	28.62	29.58	0.96	3471.36
	11/07/02	3,500.12	28.50	30.06	2.56	3472.24
	12/04/02	3,500.12	28.36	29.37	1.01	3471.61
MW - 6	06/07/02	3,499.82	28.16	28.16	0.00	3471.66
	09/27/02	3,499.82	28.18	28.18	0.00	3471.64
	12/04/02	3,499.82	-	28.00	0.00	3471.82

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	06/07/02	3,498.33	27.47	26.86	0.61	3471.99
	09/27/02	3,498.33	26.76	28.70	1.94	3471.28
	10/08/02	3,498.33	27.24	27.41	0.17	3471.06
	10/29/02	3,498.33	27.23	27.23	0.00	3471.10
	11/07/02	3,498.33	26.68	27.01	0.33	3471.60
	12/04/02	3,498.33	26.91	27.46	0.55	3471.34
MW - 8	06/07/02	3,502.25	-	31.75	0.00	3470.50
	09/27/02	3,502.25	-	31.80	0.00	3470.45
	12/04/02	3,502.25	-	31.56	0.00	3470.69
MW - 9	06/07/02	3,502.24	-	30.65	0.00	3471.59
	09/27/02	3,502.24	-	30.81	0.00	3471.43
	12/04/02	3,502.24	-	30.52	0.00	3471.72
MW - 10	06/07/02	3,499.42	-	28.79	0.00	3470.63
	09/27/02	3,499.42	28.88	28.97	0.09	3470.53
	10/29/02	3,499.42	29.04	29.10	0.06	3470.37
	11/0702	3,499.42	28.91	28.93	0.02	3470.51
	12/04/02	3,499.42	28.92	28.92	0.00	3470.50
MW - 11	06/07/02	3,498.18	-	28.48	0.00	3469.70
	09/27/02	3,498.18	-	28.60	0.00	3469.58
	12/04/02	3,498.18	-	28.29	0.00	3469.89
MW - 12	06/07/02	3,499.66	-	29.56	0.00	3470.10
	09/27/02	3,499.66	-	29.73	0.00	3469.93
	12/04/02	3,499.66	-	29.44	0.00	3470.22
MW - 13	06/07/02	3,501.60	-	29.51	0.00	3472.09
	09/27/02	3,501.60	-	29.66	0.00	3471.94
	12/04/02	3,501.60	-	29.37	0.00	3472.23
MW - 14	06/07/02	3,498.54	-	29.00	0.00	3469.54
	09/27/02	3,498.54	-	29.13	0.00	3469.41
	12/04/02	3,498.54	-	28.79	0.00	3469.75
MW - 15	06/07/02	3,500.65	-	31.42	0.00	3469.23
	09/27/02	3,500.65	-	31.40	0.00	3469.25
	12/04/02	3,500.65	-	31.13	0.00	3469.52
MW - 16	06/07/02	3,501.45	-	32.78	0.00	3468.67
	09/27/02	3,501.45	-	32.77	0.00	3468.68
	12/04/02	3,501.45	-	32.49	0.00	3468.96
MW - 17	06/07/02	3,498.32	-	30.25	0.00	3468.07
	09/27/02	3,498.32	-	30.32	0.00	3468.00
	12/04/02	3,498.32	-	30.11	0.00	3468.21
MW - 18	06/07/02	3,497.25	-	29.42	0.00	3467.83
	09/27/02	3,497.25	-	29.53	0.00	3467.72
	12/04/02	3,497.25	-	29.25	0.00	3468.00

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2025

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 19	06/07/02	3,498.24	-	30.08	0.00	3468.16
	09/27/02	3,498.24	-	30.23	0.00	3468.01
	12/04/02	3,498.24	-	29.88	0.00	3468.36
MW - 20	06/07/02	3,496.59	-	28.63	0.00	3467.96
	09/27/02	3,496.59	-	27.75	0.00	3468.84
	12/04/02	3,496.59	-	27.49	0.00	3469.10
MW - 21	06/07/02	3,503.03	-	35.39	0.00	3467.64
	09/27/02	3,503.03	-	35.42	0.00	3467.61
	12/04/02	3,503.03	-	35.12	0.00	3467.91
MW - 22	06/07/02	3,500.05	-	32.73	0.00	3467.32
	09/27/02	3,500.05	-	32.81	0.00	3467.24
	12/04/02	3,500.05	-	32.48	0.00	3467.57
MW -23	06/07/02	3,498.88	-	31.59	0.00	3467.29
	09/27/02	3,498.88	-	31.68	0.00	3467.20
	12/04/02	3,498.88	-	31.36	0.00	3467.52
MW - 24	06/07/02	3,498.79	-	31.45	0.00	3467.34
	09/27/02	3,498.79	-	31.54	0.00	3467.25
	12/04/02	3,498.79	-	31.28	0.00	3467.51
MW - 25	06/07/02	3,498.08	-	31.38	0.00	3466.70
	09/27/02	3,498.08	-	31.49	0.00	3466.59
	12/04/02	3,498.08	-	31.12	0.00	3466.96
MW - 26	06/07/02	3,499.18	-	32.04	0.00	3467.14
	09/27/02	3,499.18	-	32.16	0.00	3467.02
	12/04/02	3,499.18	-	31.77	0.00	3467.41
MW - 27	06/07/02	3,498.03	-	31.84	0.00	3466.19
	09/27/02	3,498.03	-	32.03	0.00	3466.00
	12/04/02	3,498.03	-	31.63	0.00	3466.40
MW - 28	06/07/02	3,498.69	-	32.19	0.00	3466.50
	09/27/02	3,498.69	-	30.23	0.00	3468.46
	12/04/02	3,498.69	-	31.89	0.00	3466.80
MW - 29	06/07/02	3,500.79	-	33.81	0.00	3466.98
	09/27/02	3,500.79	-	33.97	0.00	3466.82
	12/04/02	3,500.79	-	33.51	0.00	3467.28
MW - 30	06/07/02	3,498.65	-	32.48	0.00	3466.17
	09/27/02	3,498.65	-	32.62	0.00	3466.03
	12/04/02	3,498.65	-	32.32	0.00	3466.33
RW - 1	12/04/02	3,498.89	27.51	28.64	1.13	3471.21
RW - 2	12/04/02	3,498.99	28.10	27.70	0.40	3471.63

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NM
ETGI Project # EO 2025

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001
	05/16/00	<0.001	<0.001	<0.001	<0.001
	09/01/00	<0.001	<0.001	<0.001	<0.001
	11/21/00	<0.001	<0.001	<0.001	<0.001
	03/05/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.005	<0.005	<0.005	<0.005
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 2	03/03/00	0.694	0.260	0.407	0.235
MW - 3	03/03/00	0.309	0.003	0.201	0.035
	05/16/00	0.410	0.006	0.238	0.041
	09/01/00	0.402	0.003	0.248	0.040
	11/21/00	0.574	0.002	0.352	0.069
	03/05/01	0.560	0.002	0.290	0.046
	05/17/01	0.557	<0.020	0.283	0.054
	08/27/01	0.180	<0.001	0.100	0.011
	10/24/01	0.162	<0.001	0.131	0.032
	03/27/02	0.278	0.004	0.128	0.027
	05/14/02	0.574	0.007	0.305	0.069
	09/27/02	0.965	<0.001	0.362	0.072
	12/04/02	0.672	0.001	0.451	0.095
MW - 6	12/04/02	0.896	0.080	0.869	0.199
MW - 8	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 9	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 11	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NM
ETGI Project # EO 2025

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 12	09/27/02	0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 13	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 14	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 15	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 16	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 17	09/27/02	4.730	0.117	2.290	0.546
	12/04/02	3.680	0.119	2.530	0.643
MW - 18	09/27/02	4.860	0.190	2.360	0.264
	12/04/02	3.360	0.210	2.770	0.486
MW - 19	09/27/02	0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 20	09/27/02	0.002	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	0.002	<0.001
MW - 21	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 22	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 23	09/27/02	0.608	<0.001	0.135	0.001
	12/04/02	0.247	<0.001	0.037	0.003
MW - 24	09/27/02	5.790	0.742	1.310	0.474
	12/04/02	3.260	0.414	1.220	0.360
MW - 25	09/27/02	1.330	0.003	0.508	0.007
	12/04/02	0.749	<0.001	0.131	0.008
MW - 26	09/27/02	0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 27	09/27/02	0.001	<0.001	0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 28	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-18
LEA COUNTY, NM
ETGI Project # EO 2025

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 29	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
MW - 30	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/04/02	<0.001	<0.001	<0.001	<0.001
EB - 1	09/01/00	<0.001	<0.001	<0.001	<0.001
	03/05/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.001	<0.001	<0.001	<0.001
	08/27/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/27/02	<0.001	<0.001	<0.001	<0.001
	12/05/02	<0.001	<0.001	<0.001	<0.001

APPENDICES

Appendix A

Laboratory Reports

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

ient: Environmental Tech Group
tn: Ken Dutton
ldress: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127635 **Report Date:** 04/10/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 1
Sample Matrix: water
Date Received: 04/02/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:10

:PORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

ırameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
)latile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
:nzene	<1	µg/L	1	<1	04/04/02	8260b	J	7.1	89.1	89.8	90.8
ıylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
)luene	<1	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ıt: Environmental Tech Group : Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 1	**Report#/Lab ID#:** 127635 **Sample Matrix:** water

ORT OF SURROGATE RECOVERY

ogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
ichloroethane-d4	8260b	111	80-120	---
ne-d8	8260b	96.5	88-110	---

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

ceptions Report:

port #/Lab ID#: 127635 **Matrix:** water
ent: Environmental Tech Group **Attn:** Ken Dutton
)ject ID: TNM 97-18 EOT 2025C
nple Name: MW 1

nple 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).

nple 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.

lag Discussion

flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for kground levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the ection 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 ified 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.)

mments pertaining to Data Qualifiers and QC data:

rameter	Qualif	Comment
zene	J	See J-flag discussion above.

tes:

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

lient: Environmental Tech Group
ttn: Ken Dutton
ddress: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127636 **Report Date:** 04/10/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 3
Sample Matrix: water
Date Received: 04/02/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:20

EPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

arameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
olatile organics-8260b/BTEX	---		---		04/09/02	8260b	---	---	---	---	---
enzene	278	µg/L	10	<10	04/05/02	8260b	---	0.3	99.2	95.7	100.7
hylbenzene	128	µg/L	1	<1	04/09/02	8260b	---	0.3	97.3	100.8	98
,p-Xylenes	24.7	µg/L	1	<1	04/09/02	8260b	---	0.1	100.1	104.6	100.8
Xylene	<1	µg/L	1	<1	04/09/02	8260b	J	1.6	95.9	99.1	96.9
oluene	3.91	µg/L	1	<1	04/09/02	8260b	---	0.3	107.8	103.2	111.7

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

Respectfully Submitted,

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(512) 444-5896 • FAX (512) 447-4766

It: Environmental Tech Group Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 3	**Report#/Lab ID#:** 127636 **Sample Matrix:** water

ORT OF SURROGATE RECOVERY

ogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
ichloroethane-d4	8260b	109	80-120	---
ne-d8	8260b	91.7	88-110	---

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

ceptions Report:

port #/Lab ID#: 127636 **Matrix:** water
ent: Environmental Tech Group **Attn:** Ken Dutton
)ject ID: TNM 97-18 EOT 2025C
nple Name: MW 3

nple Temperature/Condition <=6°C

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:ameter	Qualif	Comment
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:es:

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

ient: Environmental Tech Group
tn: Ken Dutton
ldress: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127637 **Report Date:** 04/10/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: EB 1
Sample Matrix: water
Date Received: 04/02/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:25

EPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

ırameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
olatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
enzene	<1	µg/L	1	<1	04/04/02	8260b	---	7.1	89.1	89.8	90.8
hylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
oluene	<1	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

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ıt: Environmental Tech Group Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** EB 1	**Report#/Lab ID#:** 127637 **Sample Matrix:** water

ORT OF SURROGATE RECOVERY

ogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
ichloroethane-d4	8260b	98.3	80-120	---
ne-d8	8260b	103	88-110	---

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: JNM 97-18 Sampler: Simon Casas
EOT 2025C

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 1	3-27-02	0910	2		X		127635	X	
MW 3		0920					127636		
EB 1		0925					127637		

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	4-2-02	1200	Melanie Humphrey	ASI	4/3/02	09:48

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

AnalySys Inc.

FILE

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

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

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

Report#/Lab ID#: 129476 **Report Date:** 05/20/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/16/02	8260b	---	8.9	99.2	108.9	91.5
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	3.6	101.8	105.2	103
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	3.3	102.2	106.9	101.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	3	101.9	102.3	103.3
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	8.5	105.8	107.5	98.1

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

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ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 1	**Report#/Lab ID#:** 129476 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 129477 **Report Date:** 05/20/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 11:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/17/02	8260b	---	---	---	---	---
Benzene	574	µg/L	10	<10	05/17/02	8260b	---	2.6	91.1	95.6	94.1
Ethylbenzene	305	µg/L	10	<10	05/17/02	8260b	---	2.5	102	102.7	103.5
m,p-Xylenes	66.6	µg/L	1	<1	05/17/02	8260b	---	3.2	101.4	101.9	101.9
o-Xylene	2.17	µg/L	1	<1	05/17/02	8260b	---	2.5	103.8	105	106.2
Toluene	6.54	µg/L	1	<1	05/17/02	8260b	---	2.2	96.2	100.1	99.9

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** MW 3	**Report#/Lab ID#:** 129477 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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

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

Report#/Lab ID#: 129478 **Report Date:** 05/20/02
Project ID: TNM 97-18 EOT 2025C
Sample Name: EB 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 12:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/16/02	8260b	---	8.9	99.2	108.9	91.5
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	3.6	101.8	105.2	103
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	3.3	102.2	106.9	101.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	3	101.9	102.3	103.3
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	8.5	105.8	107.5	98.1

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Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EOT 2025C **Sample Name:** EB 1	**Report#/Lab ID#:** 129478 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 441-5896
Fax: (512) 447-1766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4182 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-18 EOT 2025C Sampler: Simon Casas

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 1	5/14/02	1130	2		X		129476	X	
MW 3	↓	1152	↓		↓		129477	↓	
EB 1	↓	1215	↓		↓		129478	↓	

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

Temp: 0.0° C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	G.T.G.I	5/14/02	1600	Melanie Humphrey	ASI	5/15/02	0920

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

FILE

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134663 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 1
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:29

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 1	**Report#/Lab ID#:** 134663 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	97	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134664 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 3
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	965	µg/L	10	<10	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	362	µg/L	10	<10	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	72	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	J	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 3	**Report#/Lab ID#:** 134664 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	97	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134664 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134665 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 8
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	J	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
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Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 8	**Report#/Lab ID#:** 134665 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	98	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134665 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 8

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134666 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 9
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:12

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 9	**Report#/Lab ID#:** 134666 **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	97.9	88-110	---

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

AnalySys Inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134667 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 11
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	J	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	J	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 11	**Report#/Lab ID#:** 134667 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134667 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 11

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134668 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 12
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:44

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	1.26	µg/L	1	<1	10/07/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 12	**Report#/Lab ID#:** 134668 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	118	80-120	---
Toluene-d8	8260b	100	88-110	---

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

ANALYSYS inc.

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

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

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

Report#/Lab ID#: 134669 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 13
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 13	**Report#/Lab ID#:** 134669 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134670 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 14
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:27

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 14	**Report#/Lab ID#:** 134670 **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	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134671 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 15
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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.

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 15	**Report#/Lab ID#:** 134671 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	98.5	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134672 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 16
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:02

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/02	8260b	J	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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ANALYSIS 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 Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 16	**Report#/Lab ID#:** 134672 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 134672 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 16

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134673 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 17
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:44

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	4730	µg/L	100	<100	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	2290	µg/L	100	<100	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	365	µg/L	100	<100	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	181	µg/L	100	<100	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	117	µg/L	100	<100	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

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Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 17	**Report#/Lab ID#:** 134673 ***Sample Matrix:*** *water*

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.5	80-120	---
Toluene-d8	8260b	107	88-110	---

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134674 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 18
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:33

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	4860	µg/L	100	<100	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	2360	µg/L	100	<100	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	220	µg/L	100	<100	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	43.7	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	190	µg/L	100	<100	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: *Environmental Tech Group*	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 134674
Attn: Ken Dutton	**Sample Name:** MW 18	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	119	80-120	---
Toluene-d8	8260b	104	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134675 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 19
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	1.46	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 19	**Report#/Lab ID#:** 134675 **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	101	88-110	---

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

ANALYSYS inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134676 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 20
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 10:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	1.66	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	J	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 20	**Report#/Lab ID#:** 134676 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134676 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 20

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

AnalySys Inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134677 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 21
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/02	8260b	J	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 21	**Report#/Lab ID#:** 134677 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	98.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134677 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 21

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134678 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 22
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 08:47

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/08/02	8260b	J	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 22	**Report#/Lab ID#:** 134678 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 134678 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 22

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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

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

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

Report#/Lab ID#: 134679 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 23
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 08:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	608	µg/L	10	<10	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	135	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	1.12	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	J	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 23	**Report#/Lab ID#:** 134679 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113	80-120	---
Toluene-d8	8260b	96.3	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134679 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 23

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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 Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134680 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 24
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 08:57

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	5790	µg/L	100	<100	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	1310	µg/L	100	<100	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	311	µg/L	100	<100	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	163	µg/L	100	<100	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	742	µg/L	100	<100	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 24	**Report#/Lab ID#:** 134680 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134681 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 25
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:01

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	1330	µg/L	100	<100	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	508	µg/L	100	<100	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	4.38	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	2.96	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	3.34	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS 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 97-18 EO 2025	**Report#/Lab ID#:** 134681
Attn: Ken Dutton	**Sample Name:** MW 25	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS Inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134682 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 26
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	1.34	µg/L	1	<1	10/08/02	8260b	---	5.5	124.3	90.8	123
Ethylbenzene	<1	µg/L	1	<1	10/08/02	8260b	---	3.7	118.1	115.2	109.4
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	J	3.4	111.4	105.2	104.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	3	98.3	94.5	93.1
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	5.3	97.2	97.3	96

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 134682
Attn: Ken Dutton	**Sample Name:** MW 26	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.1	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134682 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 26

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134683 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 27
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 09:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/10/02	8260b	---	---	---	---	---
Benzene	1.28	µg/L	1	<1	10/10/02	8260b	---	5.5	124.3	90.8	123
Ethylbenzene	1.09	µg/L	1	<1	10/10/02	8260b	---	3.7	118.1	115.2	109.4
m,p-Xylenes	<1	µg/L	1	<1	10/10/02	8260b	---	3.4	111.4	105.2	104.7
o-Xylene	<1	µg/L	1	<1	10/10/02	8260b	---	3	98.3	94.5	93.1
Toluene	<1	µg/L	1	<1	10/10/02	8260b	---	5.3	97.2	97.3	96

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

Respectfully Submitted,

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 27	**Report#/Lab ID#:** 134683 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	99.5	88-110	---

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

AnalySys Inc.

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

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

Report#/Lab ID#: 134684 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 28
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 08:28

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/09/02	8260b	J	5.5	124.3	90.8	123
Ethylbenzene	<1	µg/L	1	<1	10/09/02	8260b	---	3.7	118.1	115.2	109.4
m,p-Xylenes	<1	µg/L	1	<1	10/09/02	8260b	---	3.4	111.4	105.2	104.7
o-Xylene	<1	µg/L	1	<1	10/09/02	8260b	---	3	98.3	94.5	93.1
Toluene	<1	µg/L	1	<1	10/09/02	8260b	---	5.3	97.2	97.3	96

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 28	**Report#/Lab ID#:** 134684 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.9	80-120	---
Toluene-d8	8260b	108	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134684 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 28

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 134685 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 29
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 08:37

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 29	**Report#/Lab ID#:** 134685 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.8	80-120	---
Toluene-d8	8260b	97.6	88-110	---

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

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

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

Report#/Lab ID#: 134686 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 30
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 08:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	1.7	95.8	101.6	89.1

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 30	**Report#/Lab ID#:** 134686 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113	80-120	---
Toluene-d8	8260b	99.1	88-110	---

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

AnalySys Inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134687 **Report Date:** 10/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: EB-1
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/27/2002 **Time:** 11:38

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/10/02	8260b	---	13.9	103	110.9	100
Ethylbenzene	<1	µg/L	1	<1	10/10/02	8260b	---	3.9	116.8	110.9	109.7
m,p-Xylenes	<1	µg/L	1	<1	10/10/02	8260b	---	2.4	105.5	115.8	101.1
o-Xylene	<1	µg/L	1	<1	10/10/02	8260b	---	3.3	97.5	105.1	91.8
Toluene	<1	µg/L	1	<1	10/10/02	8260b	---	13.8	84.4	111.3	80.4

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 134687
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	112	80-120	---
Toluene-d8	8260b	103	88-110	---

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

COC: 177 A 1 of 3 3575

CHAIN-OF-CUSTODY

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

Send Reports To:
Company Name: ETGI
Address: 2540 W Marland
City: Hobbs State: NM Zip: 88240
ATTN: Ken Dutton
Phone: (505) 397-4882 Fax: (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-18 EO-2025 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
mw 1	9/27/02	1129	2		X		134663	X	
mw 3	↓	1036	↓		↓		134664	↓	
mw 8	↓	1100	↓		↓		134665	↓	
mw 9	↓	1112	↓		↓		134666	↓	
mw 11	↓	1018	↓		↓		134667	↓	
mw 12	↓	1044	↓		↓		134668	↓	
mw 13	↓	1118	↓		↓		134669	↓	
mw 14	↓	1027	↓		↓		134670	↓	
mw 15	↓	1010	↓		↓		134671	↓	
mw 16	↓	1002	↓		↓		134672	↓	

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

Temp: 3.9°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	ETGI	10/2/02	1345	Melanie Humphrey	ASI	10/3/02	0920

COC:177 2 of 3

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 444-1766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4182 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-18 Sampler: Marcela Campos
EO-2025

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
mw 17	9/27/02	0944	2		X		134673	X	
mw 18		0933					134674		
mw 19		0925					134675		
mw 20		1016					134676		
mw 21		0952					134677		
mw 22		0847					134678		
mw 23		0854					134679		
mw 24		0857					134680		
mw 25		0901					134681		
mw 26		0919					134682		

Analyses Requested (1)
Please attach explanatory information as required

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's standard reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutant + 40 or ASP's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 3.9 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcela Campos	ETGI	10/2/02	1345	Melanie Humphrey	ASI	10/3/02	0920

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

COC:177 pg. 13

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 100, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 442-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4582 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: INM 97-18 EO 2925 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
mw 27	9/29/02	0916	2		X		134683	X	
mw 28		0828					134684		
mw 29		0837					134685		
mw 30		0815					134686		
EB-1		1138					134687		

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/POL). 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 analyze for Priority Pollutants + 10 or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all QC procedures.

Temp: 3.9 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	ETGI.	10/2/02	1345	Melanie Humphrey	ASI	10/3/02	0920

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

FILE

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137043 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 1
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 10:42

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137043
Attn: Ken Dutton	**Sample Name:** MW 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.2	80-120	---
Toluene-d8	8260b	99.4	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137044 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 3
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 09:48

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	**672**	µg/L	10	<10	12/10/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	**451**	µg/L	10	<10	12/10/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	**93.6**	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	**1.11**	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	**1.23**	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137044
Attn: Ken Dutton	**Sample Name:** MW 3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.8	80-120	---
Toluene-d8	8260b	99.4	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137045 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 6
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 11:13

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	**896**	µg/L	10	<10	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	**869**	µg/L	10	<10	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	**194**	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	**4.69**	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	**79.9**	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137045
Attn: Ken Dutton	**Sample Name:** MW 6	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87	80-120	---
Toluene-d8	8260b	104	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137046 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 8
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 11:34

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	J	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	J	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137046
Attn: Ken Dutton	**Sample Name:** MW 8	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.1	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137046 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 8

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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 Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 137047 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 9
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 12:06

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137047
Attn: Ken Dutton	**Sample Name:** MW 9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	82.3	80-120	---
Toluene-d8	8260b	100	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137048 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 11
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 14:31

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

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ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137048
Attn: Ken Dutton	**Sample Name:** MW 11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.6	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

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

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

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

Report#/Lab ID#: 137049 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 12
Sample Matrix: *water*
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 14:56

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	J	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137049
Attn: Ken Dutton	**Sample Name:** MW 12	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.4	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137049 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 12

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC

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

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

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

Report#/Lab ID#: 137050 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 13
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 12:28

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137050
Attn: Ken Dutton	**Sample Name:** MW 13	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.6	80-120	---
Toluene-d8	8260b	100	88-110	---

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

AnalySys inc.

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

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

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

Report#/Lab ID#: 137051 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 14
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 12:53

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137051
Attn: Ken Dutton	**Sample Name:** MW 14	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.2	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

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

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

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

Report#/Lab ID#: 137052 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 15
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 15:33

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137052
Attn: Ken Dutton	**Sample Name:** MW 15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.5	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137053 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 16
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 15:48

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137053
Attn: Ken Dutton	**Sample Name:** MW 16	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	82.7	80-120	---
Toluene-d8	8260b	99.2	88-110	---

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137054 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW-17
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 10:19

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	**3680**	µg/L	100	<100	12/10/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	**2530**	µg/L	100	<100	12/10/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	**412**	µg/L	100	<100	12/10/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	**231**	µg/L	100	<100	12/10/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	**119**	µg/L	100	<100	12/10/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137054
Attn: Ken Dutton	**Sample Name:** MW-17	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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

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

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

Report#/Lab ID#: 137055 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 18
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 10:37

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	**3360**	µg/L	100	<100	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	**2770**	µg/L	100	<100	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	**338**	µg/L	100	<100	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	**148**	µg/L	100	<100	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	**210**	µg/L	100	<100	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137055
Attn: Ken Dutton	**Sample Name:** MW 18	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.8	80-120	---
Toluene-d8	8260b	97.9	88-110	---

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

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

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

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

Report#/Lab ID#: 137056 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 19
Sample Matrix: water
Date Received: 12/06/2002 ***Time:*** 14:10
Date Sampled: 12/04/2002 **Time:** 16:06

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137056
Attn: Ken Dutton	**Sample Name:** MW 19	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC

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

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

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

Report#/Lab ID#: 137057 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 20
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 08:44

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	---	4.2	88.8	81.3	89.3
Ethylbenzene	**1.87**	µg/L	1	<1	12/10/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137057
Attn: Ken Dutton	**Sample Name:** MW 20	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.9	80-120	---
Toluene-d8	8260b	102	88-110	---

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

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

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

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

Report#/Lab ID#: 137058 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 21
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 13:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	J	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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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:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137058
Attn: Ken Dutton	**Sample Name:** MW 21	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.3	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137058 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 21

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137059 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 22
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 13:26

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/09/02	8260b	J	4.2	88.8	81.3	89.3
Ethylbenzene	<1	µg/L	1	<1	12/09/02	8260b	---	0.5	106.1	106.1	111.6
m,p-Xylenes	<1	µg/L	1	<1	12/09/02	8260b	---	2.7	102.7	102.7	112.4
o-Xylene	<1	µg/L	1	<1	12/09/02	8260b	---	0.7	107.9	106.4	116.4
Toluene	<1	µg/L	1	<1	12/09/02	8260b	---	4.1	101.6	93.1	109.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137059
Attn: Ken Dutton	**Sample Name:** MW 22	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.5	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137059 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 22

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.
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J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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

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

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

Report#/Lab ID#: 137060 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 23
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 08:57

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	**247**	µg/L	1	<1	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	**37.1**	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	**2.29**	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	**1.08**	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	J	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137060
Attn: Ken Dutton	**Sample Name:** MW 23	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.8	80-120	---
Toluene-d8	8260b	97.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137060 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 23

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137061 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 24
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 10:54

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	**3260**	µg/L	100	<100	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	**1220**	µg/L	100	<100	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	**238**	µg/L	100	<100	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	**122**	µg/L	100	<100	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	**414**	µg/L	100	<100	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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 Dutton	**Project ID:** TNM 97-18 EO 2025 **Sample Name:** MW 24	**Report#/Lab ID#:** 137061 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.2	80-120	---
Toluene-d8	8260b	100	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137062 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 25
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 10:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	**749**	µg/L	10	<10	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	**131**	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	**4.52**	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	**3.07**	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	J	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137062
Attn: Ken Dutton	**Sample Name:** MW 25	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.9	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137062 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 25

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137063 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 26
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 08:14

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	J	1.1	86.1	81.5	76.5
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137063
Attn: Ken Dutton	**Sample Name:** MW 26	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.2	80-120	---
Toluene-d8	8260b	97.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137063 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 26

Sample Temperature/Condition: <=6°C

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

Sample Bottles & Preservation:

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

J flag Discussion:

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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

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

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

Report#/Lab ID#: 137064 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 27
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 08:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	J	1.1	86.1	81.5	76.5
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137064
Attn: Ken Dutton	**Sample Name:** MW 27	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.9	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137064 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-18 EO 2025
Sample Name: MW 27

Sample Temperature/Condition: <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137065 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 28
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 13:44

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137065
Attn: Ken Dutton	**Sample Name:** MW 28	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.3	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137066 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 29
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 14:03

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV[4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137066
Attn: Ken Dutton	**Sample Name:** MW 29	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.4	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

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

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

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

Report#/Lab ID#: 137067 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: MW 30
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/04/2002 **Time:** 14:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual.[7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137067
Attn: Ken Dutton	**Sample Name:** MW 30	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.5	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137068 **Report Date:** 12/11/02
Project ID: TNM 97-18 EO 2025
Sample Name: FB 1
Sample Matrix: water
Date Received: 12/06/2002 **Time:** 14:10
Date Sampled: 12/05/2002 **Time:** 11:31

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual. [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/10/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/10/02	8260b	---	1.1	86.1	81.5	76.5
Ethylbenzene	<1	µg/L	1	<1	12/10/02	8260b	---	7.8	114.1	111.9	112.7
m,p-Xylenes	<1	µg/L	1	<1	12/10/02	8260b	---	8	108.8	104.1	106.7
o-Xylene	<1	µg/L	1	<1	12/10/02	8260b	---	8.5	113.8	109.8	113.6
Toluene	<1	µg/L	1	<1	12/10/02	8260b	---	0.4	96.8	91.8	94.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-18 EO 2025	**Report#/Lab ID#:** 137068
Attn: Ken Dutton	**Sample Name:** FB 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.1	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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CHAIN-OF-CUSTODY

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

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Company Name
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: [illegible] Sampler: [illegible]

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8020								Comments
MW 1	[illegible]	1042	2		X		137043									
MW 3	[illegible]	0916					137044									
MW 6	[illegible]	1115					137045									
MW 8	[illegible]	1134					137046									
MW 9	[illegible]	1346					137047									
MW 11		1431					137048									
MW 12		1456					137049									
MW 13		1225					137050									
MW 14		1255					137051									
MW 15	↓	1533	↓		↓		137052									

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

Temp: 3.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	E.T.G.I.	12/5/02	1330	Melanie Humphrey	ASI	12/6/02	14:10

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

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Phone: (361) 289-6384 Fax: (361) 289-0875

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Company Name
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: ~~TNM~~ 97-18 Sampler: Marcela Campa
FA-2025

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8020	Comments
mw 16	12/4/02	1548	2		X		137053		
mw 17	12/5/02	1019					137054		
mw 18	12/5/02	1037					137055		
mw 19	12/4/02	1646					137056		
mw 20	12/5/02	0844					137057		
mw 21	12/4/02	1315					137058		
mw 22	12/4/02	1326					137059		
mw 23	12/5/02	0857					137060		
mw 24		1054					137061		
mw 25		1005					137062		

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Temp: 3.5 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcela Campa	E.T.G.I.	12/5/02	1330	Melanie Humphrey	ASI	12/6/02	1410

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ATTN: Ken Dutton
Phone 505-397-4082 Fax 505-397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-18 EO-2025 Sampler: Manuel Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021	Comments
MW 26	12/5/02	0814	2		X		137063	X	
MW 27	12/5/02	0825					137064		
MW 28	12/4/02	1344					137065		
MW 29	12/4/02	1403					137066		
MW 30	12/4/02	1416					137067		
FB-1	12/5/02	1131					137068		

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Temp: 3.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Manuel Camp.	E.T.G.I.	12/5/02	1330	Melanie Humphrey	ASI	12/6/02	14:10

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