AP - 012

STAGE 1 & 2 REPORTS

DATE: 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
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

ANNUAL MONITORING REPORT

AP-12

MAR 25 2003

EOTT ENERGY, LLC
TNM 98-05A
NE ¼, NW ¼ OF SECTION 26, TOWNSHIP 21 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO

PREPARED FOR:

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

PREPARED BY:

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

April 2003

Camille Reynolds
Project Manager

Chance Johnson
New Mexico Regional Manager

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

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on November 13, 2002, are depicted on Figure 2, the Site Groundwater Gradient Map. The groundwater elevation data is provided as Table 1. Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicated a general gradient of approximately 0.005 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-6. The depth to groundwater, as measured from the top of the well casing, ranged between 48.18 to 50.16 feet for the shallow alluvial aquifer.

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

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

LABORATORY RESULTS

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

Laboratory results for all of the site groundwater samples obtained during the calendar year 2002 monitoring period indicate that benzene and BTEX constituent concentrations were below NMOCD regulatory standards for monitor wells MW-5, MW-6, MW-7, and MW-8. The benzene concentrations in groundwater samples collected from monitor wells MW-3, MW-4, and MW-9 were above NMOCD regulatory standards, while the BTEX concentrations were below NMOCD regulatory standards for the monitoring period.

SUMMARY

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

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

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

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

DISTRIBUTION

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Copy Number 2

Quality Control Review

FIGURES

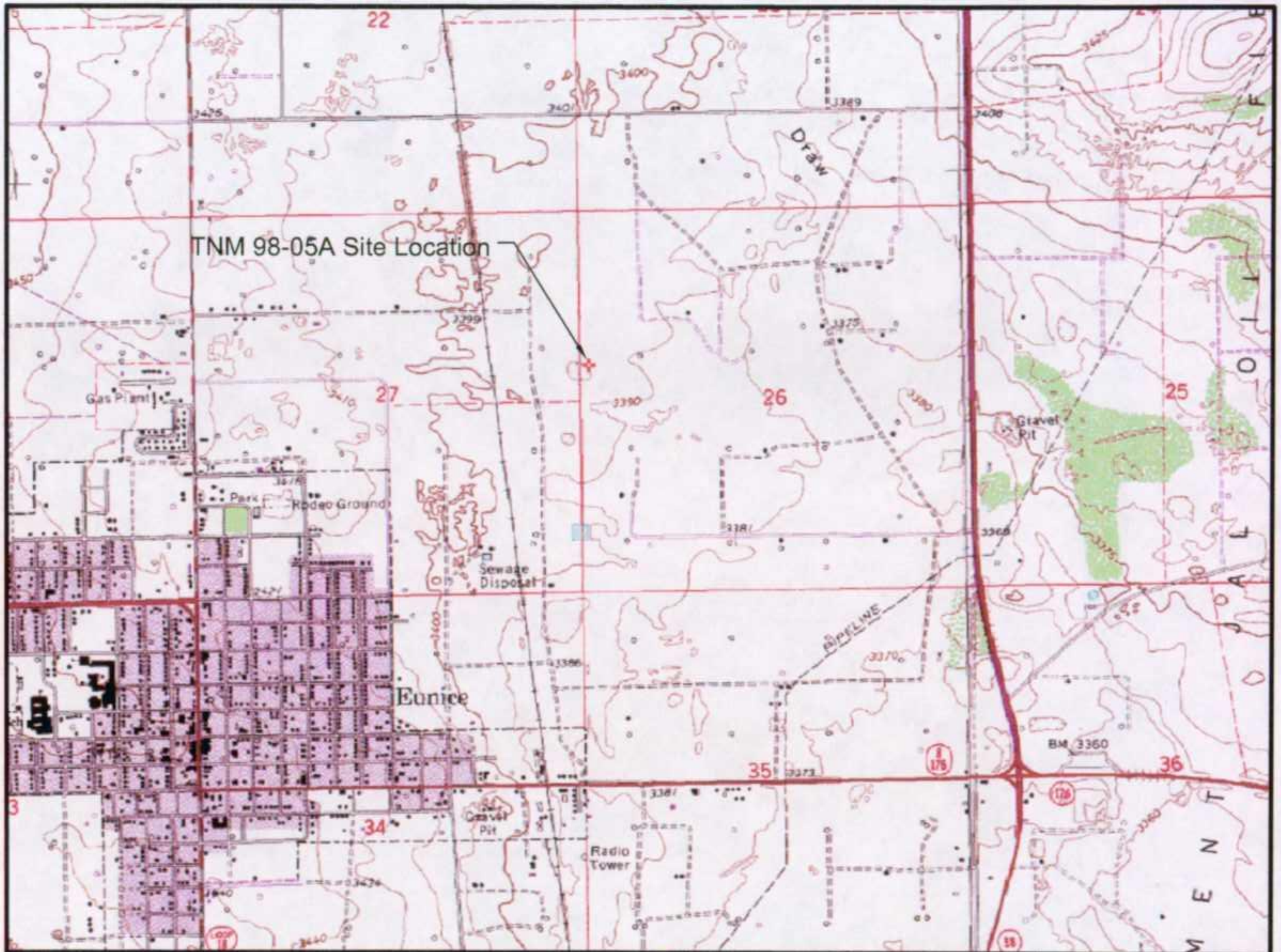


Figure 1 Site Location Map EOTT Energy Pipeline, LP TNM 98-05A Lea County, NM	ETGI	Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: CR
February 18, 2003	NE1/4 NW1/4 Sec 26 T21S R37E	
ETGI Project #: EOT2028C	Lat. N32° 27' 03.9" Long. W103° 08' 29.2"	

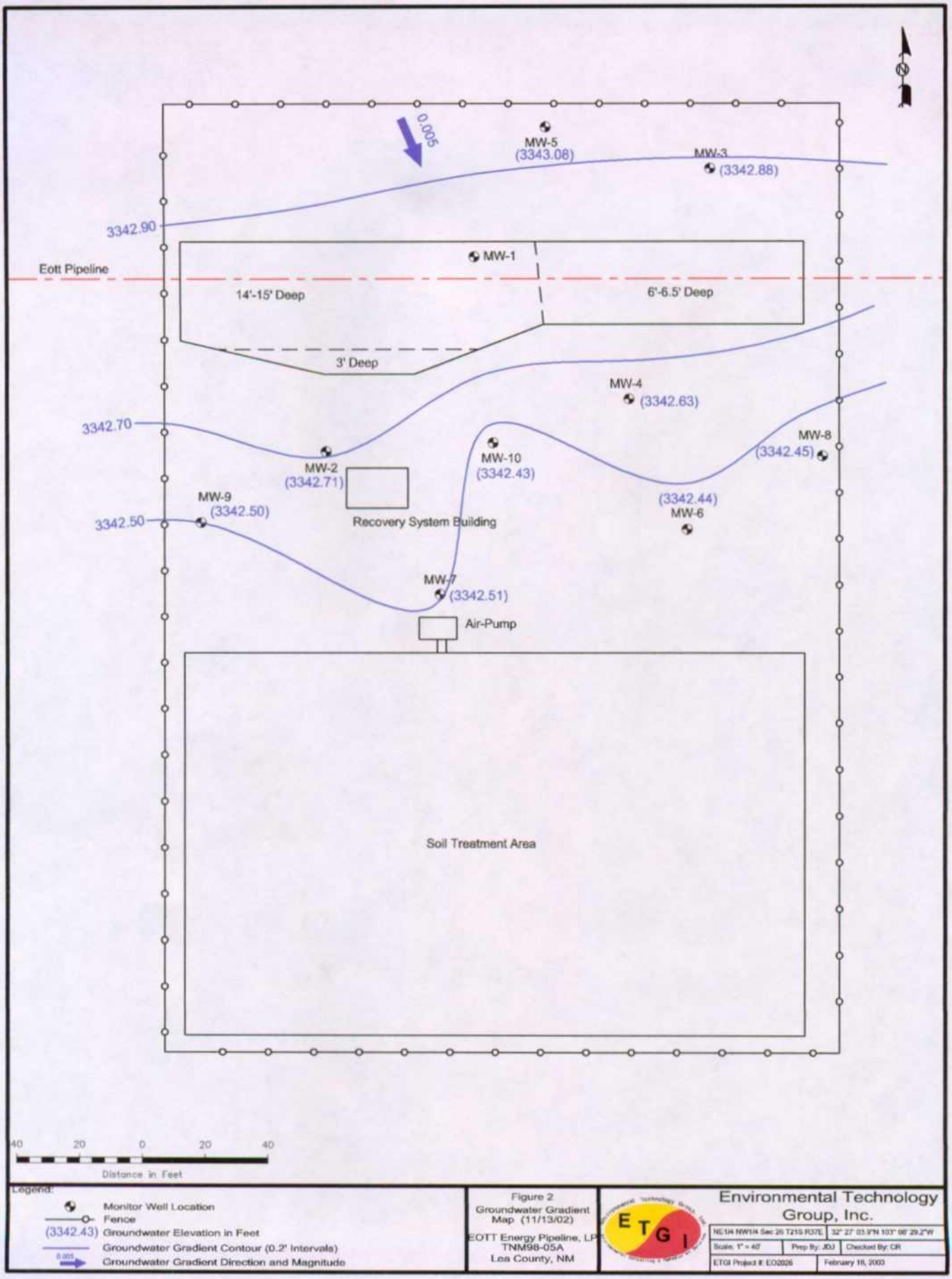
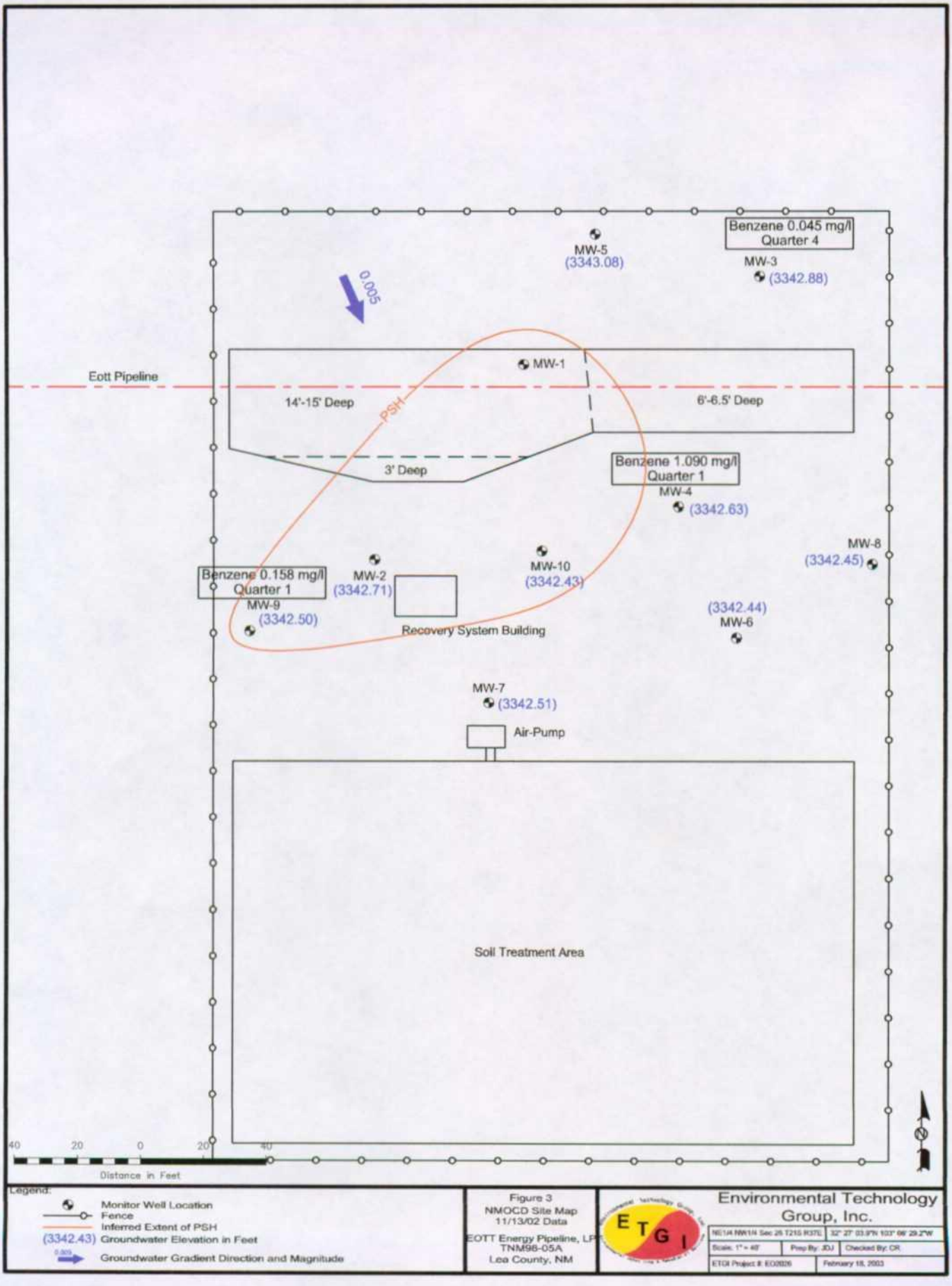


Figure 2
Groundwater Gradient Map (11/13/02)

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

Environmental Technology Group, Inc.

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 08' 29.2"W	
Scale: 1" = 40'	Prep By: JDJ	Checked By: CR
ETGI Project #: EO2026	February 18, 2003	



Legend:

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

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

Environmental Technology Group, Inc.

NE1/4 NW1/4 Sec 26 T21S R37E	32° 27' 03.9"N 103° 09' 29.2"W	
Scale: 1" = 40'	Prep By: JDJ	Checked By: CR
ETGI Project #: EO0826	February 18, 2003	

TABLES

TABLE 1

GROUNDWATER ELEVATION

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

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

TABLE 1

GROUNDWATER ELEVATION

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

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

TABLE 1

GROUNDWATER ELEVATION

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

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

TABLE 1

GROUNDWATER ELEVATION

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

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

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

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

TABLE 2

GROUNDWATER CHEMISTRY

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

All concentrations are in mg/L

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

TABLE 2

GROUNDWATER CHEMISTRY

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

All concentrations are in mg/L

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

TABLE 2

GROUNDWATER CHEMISTRY

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

All concentrations are in mg/L

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

APPENDICES

Appendix A

Laboratory Reports

FILE

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

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

Report#/Lab ID#: 126147 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 3
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 15:03

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	- -		---		02/28/02	8260b	---	---	---	---	---
Benzene	21.6	µg/L	1	<1	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	3.68	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	2.92	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o Xylene	1.14	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	24.6	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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.

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

Client: Environmental Tech Group Attn: Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 3	**Report#/Lab ID#:** 12617 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	117	80-120	---
Toluene-d8	8260b	93.9	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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 126148 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 4
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 15:12

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

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

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.

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

Client: Environmental Tech Group Attn: Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 4	**Report#/Lab ID#:** 126148 **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	93.9	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: Camille Reynolds
Address: 2510 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 126149 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 5
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 14:27

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	--		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	J	1.2	96	100.1	97.5
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	2.4	93.1	97.1	96.7
m,p Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	3	95.2	100.1	98.9
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	2	92.3	96.9	96.4
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.7	104.2	107.4	106.4

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.

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: Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 5	**Report#/Lab ID#:** 126149 **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	91.9	88-110	---

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

Exceptions Report:

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

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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.

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

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

Report#/Lab ID#: 126150 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 6
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 13:50

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	--		---		02/28/02	8260b	---	---	---	---	---
Benzene	1.16	µg/L	1	<1	02/28/02	8260b	---	1.2	96	100.1	97.5
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	2.4	93.1	97.1	96.7
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	3	95.2	100.1	98.9
o Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	2	92.3	96.9	96.4
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.7	104.2	107.4	106.4

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.

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: Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 6	Report#/Lab ID#: 126150 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

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

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

Report#/Lab ID#: 126151 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 7
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 14:05

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	--		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	J	1.2	96	100.1	97.5
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	2.4	93.1	97.1	96.7
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	3	95.2	100.1	98.9
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	2	92.3	96.9	96.4
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.7	104.2	107.4	106.4

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: Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 7	Report#/Lab ID#: 126151 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 126151 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 7

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in 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.

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: Camille Reynolds
Address: 2510 W. Maryland
Hobbs NM 88240

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

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

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	--		---		02/28/02	8260b	---	---	---	---	---
Benzene	4.8	µg/L	1	<1	02/28/02	8260b	---	1.2	96	100.1	97.5
Ethylbenzene	1.63	µg/L	1	<1	02/28/02	8260b	---	2.4	93.1	97.1	96.7
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	3	95.2	100.1	98.9
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	2	92.3	96.9	96.4
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.7	104.2	107.4	106.4

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.

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

Client: Environmental Tech Group Attn: Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 8	Report#/Lab ID#: 126152 **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	93.8	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: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

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

Report#/Lab ID#: 126153 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: MW 9
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 14:17

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	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	158	µg/L	1	<1	02/27/02	8260b	---	2.7	74.1	85.3	84.1
Ethylbenzene	46	µg/L	1	<1	02/27/02	8260b	---	0.6	97.3	104.3	101.6
m,p-Xylenes	11.1	µg/L	1	<1	02/27/02	8260b	---	0	101.4	101.8	105.3
o-Xylene	41.3	µg/L	1	<1	02/27/02	8260b	---	0.2	97.5	99.7	99.2
Toluene	41.5	µg/L	1	<1	02/27/02	8260b	---	2.4	79.1	84.1	84.2

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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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** MW 9	**Report#/Lab ID#:** 126153 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
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(512) 444-5896 • FAX (512) 447-4766

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

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

Report#/Lab ID#: 126154 **Report Date:** 03/01/02
Project ID: TNM 98-05 A EOT 2026C
Sample Name: EB 1
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/20/2002 **Time:** 15:37

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	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 A EOT 2026C **Sample Name:** EB 1	**Report#/Lab ID#:** 126154 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

COC # 24

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name PO# Vm 98-05 A Sampler: Simon Casas
EOT 2026 C

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 3	2.20.02	15:03	2		X		126147	X							
MW 4	2.20.02	15:20	2		↓		126148	↓							
MW 5	2.20.02	14:27	2		↓		126149	↓							
MW 6	2.20.02	13:50	2		↓		126150	↓							
MW 7	2.20.02	14:05	2		↓		126151	↓							
MW 8	2.20.02	13:30	2		↓		126152	↓							
MW 9	2.20.02	14:44	2		↓		126153	↓							
FB 1	2.20.02	15:34	2		↓		126154	↓							

(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 (RDL, 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 TSL/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	2-25-02	1200	Melanie Humphreys	ASI	2/26/02	07:32

(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.

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

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

Report#/Lab ID#: 129931 **Report Date:** 05/29/02
Project ID: TNM-98-05A EOT 2026C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/22/2002 **Time:** 08:30
Date Sampled: 05/20/2002 **Time:** 11:05

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	---		---		05/23/02	8260b	---	---	---	---	---
Benzene	40	µg/L	1	<1	05/23/02	8260b	---	13.9	92.5	93.1	95.3
Ethylbenzene	7.87	µg/L	1	<1	05/23/02	8260b	---	1.1	107.4	108.5	106
m p-Xylenes	5.8	µg/L	1	<1	05/23/02	8260b	---	1.3	115.3	115.7	112.6
o Xylene	3.03	µg/L	1	<1	05/23/02	8260b	---	0.5	112.7	111.5	110.7
Toluene	41.3	µg/L	1	<1	05/23/02	8260b	---	15.6	102.2	102.8	106.1

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM-98-05A EOT 2026C **Sample Name:** MW 3	**Report#/Lab ID#:** 129931 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2510 W. Marland
Hobbs NM 88240

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

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

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	---		---		05/23/02	8260b	---	---	---	---	---
Benzene	919	µg/L	10	<10	05/28/02	8260b	---	13.9	92.5	93.1	95.3
Ethylbenzene	7.96	µg/L	1	<1	05/23/02	8260b	---	1.1	107.4	108.5	106
m,p Xylenes	16.3	µg/L	1	<1	05/23/02	8260b	---	1.3	115.3	115.7	112.6
o-Xylene	4.28	µg/L	1	<1	05/23/02	8260b	---	0.5	112.7	111.5	110.7
Toluene	41.4	µg/L	1	<1	05/23/02	8260b	---	15.6	102.2	102.8	106.1

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM-98-05A EOT 2026C **Sample Name:** MW 4	**Report#/Lab ID#:** 129932 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.5	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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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

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

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	---		---		05/23/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/28/02	8260b	J	13.9	92.5	93.1	95.3
Ethylbenzene	<1	µg/L	1	<1	05/23/02	8260b	---	1.1	107.4	108.5	106
m,p Xylenes	<1	µg/L	1	<1	05/23/02	8260b	---	1.3	115.3	115.7	112.6
o-Xylene	<1	µg/L	1	<1	05/23/02	8260b	---	0.5	112.7	111.5	110.7
Toluene	<1	µg/L	1	<1	05/28/02	8260b	---	15.6	102.2	102.8	106.1

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

Respectfully Submitted,

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Richard Laster

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

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

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

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

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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.

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

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

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

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

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

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.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM-98-05A EOT 2026C **Sample Name:** MW 6	**Report#/Lab ID#:** 129934 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

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(512) 444-5896 • FAX (512) 447-4766

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

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

Report#/Lab ID#: 129935 **Report Date:** 05/29/02
Project ID: TNM-98-05A EOT 2026C
Sample Name: MW 7
Sample Matrix: water
Date Received: 05/22/2002 **Time:** 08:30
Date Sampled: 05/20/2002 **Time:** 09:57

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

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM-98-05A EOT 2026C **Sample Name:** MW 7	**Report#/Lab ID#:** 129935 **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	97.8	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

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

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group *Attn:* Camille Reynolds	**Project ID:** TNM-98-05A EOT 2026C **Sample Name:** MW 8	**Report#/Lab ID#:** 129936 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

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

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

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

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM-98-05A EOT 2026C **Sample Name:** EB-1	**Report#/Lab ID#:** 129937 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.5	80-120	---
Toluene-d8	8260b	94.6	88-110	---

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

CHAIN-OF-CUSTODY

Send Reports to:
Company Name ETGI
Address 2510 D MIDLAND
City Hobbs State NM Zip 88240
ATTN: Camille Reynolds
Phone 505-397-4882 Fax 505-397-4701

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

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

COC: 0880

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM - 98-05A Sampler: Simon Casas
EO 1-2526C

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-3	5-20-02	1105	2		X		129931		
MW-4		1130					129932		
MW-5		1037					129933		
MW-6		0930					129934		
MW-7		0957					129935		
MW-8		0900					129936		
ER-1		1145					129937		

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	5-21-02	1500	Melanie Humphrey	ASI	5/22/02	0830

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

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 Dullon
Address: 2510 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134182 **Report Date:** 10/04/02
Project ID: TNM 98-05A EO 2026
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 09:50
Date Sampled: 09/24/2002 **Time:** 11:19

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

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

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	**Project ID:** TNM 98-05A EO 2026	**Report#/Lab ID#:** 13-1182
Attn: Ken Dutton	**Sample Name:** MW 3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.4	80-120	---
Toluene-d8	8260b	99.3	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#: 134183 **Report Date:** 10/04/02
Project ID: TNM 98-05A EO 2026
Sample Name: MW 4
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 09:50
Date Sampled: 09/24/2002 **Time:** 11:40

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	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	117	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	3.49	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	2.64	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	1.37	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	19.5	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

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 98-05A EO 2026	**Report#/Lab ID#:** 13-1183
Attn: Ken Dutton	**Sample Name:** MW 4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	92.7	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#: 134184 **Report Date:** 10/04/02
Project ID: TNM 98-05A EO 2026
Sample Name: MW 5
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 09:50
Date Sampled: 09/24/2002 **Time:** 10:51

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	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	3.06	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	<1	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

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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 98-05A EO 2026 **Sample Name:** MW 5	**Report#/Lab ID#:** 13-1184 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

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#: 134185 **Report Date:** 10/04/02
Project ID: TNM 98-05A EO 2026
Sample Name: MW 6
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 09:50
Date Sampled: 09/24/2002 **Time:** 09:56

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	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p Xylenes	<1	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

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 98-05A EO 2026 **Sample Name:** MW 6	**Report#/Lab ID#:** 134185 ***Sample Matrix:*** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.4	80-120	---
Toluene-d8	8260b	102	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#: 134186 **Report Date:** 10/04/02
Project ID: TNM 98-05A EO 2026
Sample Name: MW 7
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 09:50
Date Sampled: 09/24/2002 **Time:** 10:25

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	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.1	111.9
m,p Xylenes	<1	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

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Richard Laster

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CHEMSYS 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 98-05A EO 2026 **Sample Name:** MW 7	**Report#/Lab ID#:** 134186 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

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

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	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	<1	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

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CHEMISYS 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 98-05A EO 2026 **Sample Name:** MW 8	**Report#/Lab ID#:** 13-1187 **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.

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#: 134188 **Report Date:** 10/04/02
Project ID: TNM 98-05A EO 2026
Sample Name: EB 1
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 09:50
Date Sampled: 09/24/2002 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	<1	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

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

Client: Environmental Tech Group	**Project ID:** TNM 98-05A EO 2026	**Report#/Lab ID#:** 134188
Attn: Ken Dutton	**Sample Name:** EB 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	99.1	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Coc 1780/81 3/63

CHAIN-OF-CUSTODY

AnalySys, Inc.

3421 Freidrich Lane, Suite 190, Austin, TX
Phone
Fax

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 98-05A E07026 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 3	9-24-02	1119	2		X		134182	X								
MW 4	↓	1140	↓		↓		134183	↓								
MW 5	↓	1051	↓		↓		134184	↓								
MW 6	↓	0956	↓		↓		134185	↓								
MW 7	↓	1025	↓		↓		134186	↓								
MW 8	↓	0930	↓		↓		134187	↓								
EB 1	↓	1200	↓		↓		134188	↓								

(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 ... limit (EDL/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's list at ASI's option. Specific compound lists must be supplied for all QC procedures.

Temp: 3.1°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI			Melanie Humphrey	ASI	9/26/02	0930

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

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

Report#/Lab ID#: 136494 **Report Date:** 12/10/02
Project ID: 98-05A EO 2026
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **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]
A/BN Extraction-PAH	-	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	J	0.57	101.11	99.8	111.76
Barium/ICP	**0.142**	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.04	102.02	93	100
Selenium/ICP	**0.0686**	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics PAH	---	---	---	---	12/08/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	**45**	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	**6.43**	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	**4.91**	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	**2.96**	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	**42**	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	J	2.3	60.5	88.6	74.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	9.4	63.4	88.1	80.7
Anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	J	18.3	56.4	83.1	70.4

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2026 **Sample Name:** MW 3	**Report#/Lab ID#:** 136494 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

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

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

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2026	**Report#/Lab ID#:** 136194
Attn: Camille Reynolds	**Sample Name:** MW 3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 136494 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2026
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in 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
Arsenic/ICP	J	See J-flag discussion above.
Acenaphthene	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Naphthalene	J	See J-flag discussion above.

Notes:

ANALYSYS

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

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

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

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

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig. Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	J	0.57	101.11	99.8	111.76
Barium/ICP	0.0865	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.04	102.02	93	100
Selenium/ICP	0.0655	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/08/02	625 & 8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	82	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	10.3	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m p-Xylenes	11.2	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	6.24	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	73.1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	2.3	60.5	88.6	74.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	9.4	63.4	88.1	80.7
Anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	18.3	56.4	83.1	70.4

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2026 **Sample Name:** MW 4	**Report#/Lab ID#:** 136495 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	6.4	67.7	84.4	91.8
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	3.9	65.1	86	83.1
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	7.9	61.5	91.3	81.5
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	11.8	60.5	88.2	78.3
Benzo[j,k]fluoranthene	.0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	3.6	69.8	102.6	82.8
Chrysene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	---	10.7	58.2	98.7	78.8
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	11.2	58.9	85.1	79.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	11.7	74.4	85.2	92.4
Fluorene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	2.1	66.6	84.2	84.6
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	9	61	82.4	81.7
Naphthalene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	---	2.4	40.1	86.5	50.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	13.6	61.6	83.7	74.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/08/02	625 & 8270c	J	4	65.9	81	87.9

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2026 **Sample Name:** MW 4	**Report#/Lab ID#:** 136495 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
2 Fluorobiphenyl	625 & 8270c	44.9	43-116	---
Nitrobenzene-d5	625 & 8270c	63.5	35-114	---
Terphenyl d14	625 & 8270c	46.4	33-141	---
1,2 Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	105	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136495 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2026
Sample Name: MW-4

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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
Arsenic/ICP	J	See J-flag discussion above.
Acenaphthene	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

ANALYSYS

3512 Montopolis Drive, Austin, TX 78744 &
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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136496 **Report Date:** 12/10/02
Project ID: 98-05A EO 2026
Sample Name: MW 5
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 09:43

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	J	0.84	106.93	98.52	107.93
Barium/ICP	0.562	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.17	107.15	99.92	108.76
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.76	106.34	101.1	109.37
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.77	111.96	98.99	112.02
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.86	99.79	99.4	108.11
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.04	102.02	93	100
Selenium/ICP	0.0677	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.37	106.66	101.14	107.73
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/08/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	2.29	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	J	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	2.3	60.5	88.6	74.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	9.4	63.4	88.1	80.7
Anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	18.3	56.4	83.1	70.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Camille Reynolds

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

Report#/Lab ID#: 136196
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

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

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

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

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	101	88-110	---
2 Fluorobiphenyl	8270c	44.1	43-116	---
Nitrobenzene-d5	8270c	56.2	35-114	---
Terphenyl-d14	8270c	38.6	33-141	---

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

Exceptions Report:

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

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in 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
Arsenic/ICP	J	See J flag discussion above.
m,p-Xylenes	J	See J flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.

Notes:

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

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

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

Report#/Lab ID#: 136497 **Report Date:** 12/10/02
Project ID: 98-05A EO 2026
Sample Name: MW 6
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 08:30

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig. Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	J	0.84	106.93	98.52	107.93
Barium/ICP	**0.181**	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.17	107.15	99.92	108.76
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.76	106.34	101.1	109.37
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	J	0.77	111.96	98.99	112.02
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.86	99.79	99.4	108.11
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.01	102.02	93	100
Selenium/ICP	**0.0755**	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.37	106.66	101.14	107.73
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	J	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/08/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	J	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	2.3	60.5	88.6	74.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	9.4	63.4	88.1	80.7
Anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	18.3	56.4	83.1	70.4

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

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

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

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

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

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	99.7	80-120	---
Toluene-d8	8260b	102	88-110	---
2 Fluorobiphenyl	8270c	53.6	43-116	---
Nitrobenzene-d5	8270c	88.1	35-114	---
Terphenyl-d14	8270c	47.1	33-141	---

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

Exceptions Report:

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

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ 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
Arsenic/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Silver/GFAA	J	See J-flag discussion above.
Benzene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.

Notes: _____

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 136498 **Report Date:** 12/10/02
Project ID: 98-05A EO 2026
Sample Name: MW 7
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 09:00

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]
A/BN Extraction PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	11/21/02	6010 & 200.7	J	0.84	106.93	98.52	107.93
Barium/ICP	0.591	mg/L	0.01	<0.01	11/21/02	6010 & 200.7	---	0.17	107.15	99.92	108.76
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/21/02	6010 & 200.7	---	0.76	106.34	101.1	109.37
Chromium/ICP	0.0113	mg/L	0.01	<0.01	11/21/02	6010 & 200.7	---	0.77	111.96	98.99	112.02
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/21/02	6010 & 200.7	---	0.86	99.79	99.4	108.11
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.04	102.02	93	100
Selenium/ICP	0.058	mg/L	0.05	<0.05	11/21/02	6010 & 200.7	---	0.37	106.66	101.14	107.73
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/08/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	J	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	2.3	60.5	88.6	74.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	9.4	63.4	88.1	80.7
Anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	18.3	56.4	83.1	70.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

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

Report#/Lab ID#: 136498
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

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

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

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	93.5	80-120	---
Toluene-d8	8260b	98.7	88-110	---
2-Fluorobiphenyl	8270c	49.6	43-116	---
Nitrobenzene-d5	8270c	81.4	35-114	---
Terphenyl-d14	8270c	53.4	33-141	---

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

Exceptions Report:

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

Sample Temperature/Condition <=6°C

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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Benzene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.

Notes:

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

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

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

Report#/Lab ID#: 136499 **Report Date:** 12/10/02
Project ID: 98-05A EO 2026
Sample Name: MW 8
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 09:23

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	11/21/02	6010 & 200.7	J	0.84	106.93	98.52	107.93
Barium/ICP	0.357	mg/L	0.01	<0.01	11/21/02	6010 & 200.7	---	0.17	107.15	99.92	108.76
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/21/02	6010 & 200.7	---	0.76	106.34	101.1	109.37
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/21/02	6010 & 200.7	---	0.77	111.96	98.99	112.02
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/21/02	6010 & 200.7	---	0.86	99.79	99.4	108.11
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.04	102.02	93	100
Selenium/ICP	0.0668	mg/L	0.05	<0.05	11/21/02	6010 & 200.7	---	0.37	106.66	101.14	107.73
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/08/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	1.54	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	2.3	60.5	88.6	74.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	9.4	63.4	88.1	80.7
Anthracene	<0.05	µg/L	0.05	<0.05	12/08/02	8270c	---	18.3	56.4	83.1	70.4

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2026 **Sample Name:** MW 8	**Report#/Lab ID#:** 136499 **Sample Matrix:** water

REPORT OF ANALYSIS-cont. **QUALITY ASSURANCE DATA**[1]

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

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Client: Environmental Tech Group	**Project ID:** 98-05A EO 2026	**Report#/Lab ID#:** 136199
Attn: Camille Reynolds	**Sample Name:** MW 8	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 136499 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2026
Sample Name: MW 8

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt 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
Arsenic/ICP	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Naphthalene	J	See J-flag discussion above.

Notes: _____

_____

_____

CHAIN-OF-CUSTODY

4401

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 7874
(512) 444-5896

COC: 185

Send Report To:
Company Name E.T.G.I.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Camille Reynolds
Phone 505-397-4882 Fax 505-397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 98-054 EO-2426 Sampler: Manuela 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)	RCRA Metals 6010	PAH 8100	BTEX 8020	Comments
mw 3	11/13/02	1045	5		X		136494	X	X	X	
mw 4		1025					136495				
mw 5		0943					136496				
mw 6		0838					136497				
mw 7		0900					136498				
mw 8		0923					136499				

(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 reportin limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 4.2 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Manuela Campos	E.T.G.I.	11/14/02	1415	Melanie Humphrey	ASI	11/15/02	14:30

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