AP - 012

ANNUAL MONITORING REPORT

YEAR(S):
2003

EOTT ENERGY LLC

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

March 31, 2003

Mr. Randolph Bayliss, P.E.
Hydrologist
Oil Conservation Division
State of New Mexico
1220 South 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:

Red Byrd No. 1	Section 1, Township 20 South, Range 36 East, Lea County NM
Red Byrd No. 2	Section 1, Township 20 South, Range 36 East, Lea County NM
TNM 98-SO1	Section 20, Township 19 South, Range 37 East, Lea County NM
TNM 97-23	Section 14, Township 22 South, Range 37 East, Lea County NM
Monument 18	Section 7, Township 20 South, Range 37 East, Lea County NM
TNM 98-05	Section 26, Township 21 South, Range 37 East, Lea County NM
Lea Station to Monument 6"	Section 5, Township 20 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 7 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

file ?

EOTT ENERGY, LLC fs 5/8/03
TNM 98-05
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 I. Johnson for
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 hydrocarbon (PSH). The groundwater monitoring events consisted of measuring static water levels in the monitor wells, 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 January 28, May 6, September 17, and November 13, 2002. Monitor wells MW-6, MW-7, MW-8, MW-9, and MW-10 were installed during this reporting period and sampled according to established NMOCD initial sampling guidelines. 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 (NMOCD 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 0.003 ft/ft to the southeast as measured between groundwater monitor wells MW-3 and MW- 8. The depth to groundwater as measured from the top of the well casing ranged between 47.36 to 51.38 feet in the shallow alluvial aquifer.

LABORATORY RESULTS

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

samples, which exceeded the regulatory standard 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 indicated that benzene and BTEX concentrations were below NMOCD regulatory standards for monitor wells MW-1, MW-3, MW-4, MW-6, MW-7, MW-8, MW-9, and MW-10. The benzene concentrations contained in the groundwater samples collected from monitor wells MW-2 and MW-5 were above NMOCD regulatory standards while the BTEX concentrations were below NMOCD regulatory standards.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2002. No detectable or measurable amounts of PSH were encountered during the monitoring events conducted on the site during this reporting period.

Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicated a general gradient of approximately 0.003 ft/ft to the southeast as measured between groundwater monitor wells MW-3 and MW- 8.

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-1, MW-3, MW-4, MW-6, MW-7, MW-8, MW-9, and MW-10. The benzene constituent concentrations contained in the groundwater samples collected from monitor wells MW-2 and MW-5 were above NMOCD regulatory standards while the BTEX concentrations were below NMOCD regulatory standards.

DISTRIBUTION

Copy 1 & 2: William C. Olson/Randy Bayliss
New Mexico Oil Conservation Division
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New Mexico Oil Conservation Division (District 1)
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Hobbs, New Mexico 88240

Copy 4: Frank Hernandez
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Midland, Texas 79703

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

Copy Number 2

Quality Control Review

FIGURES

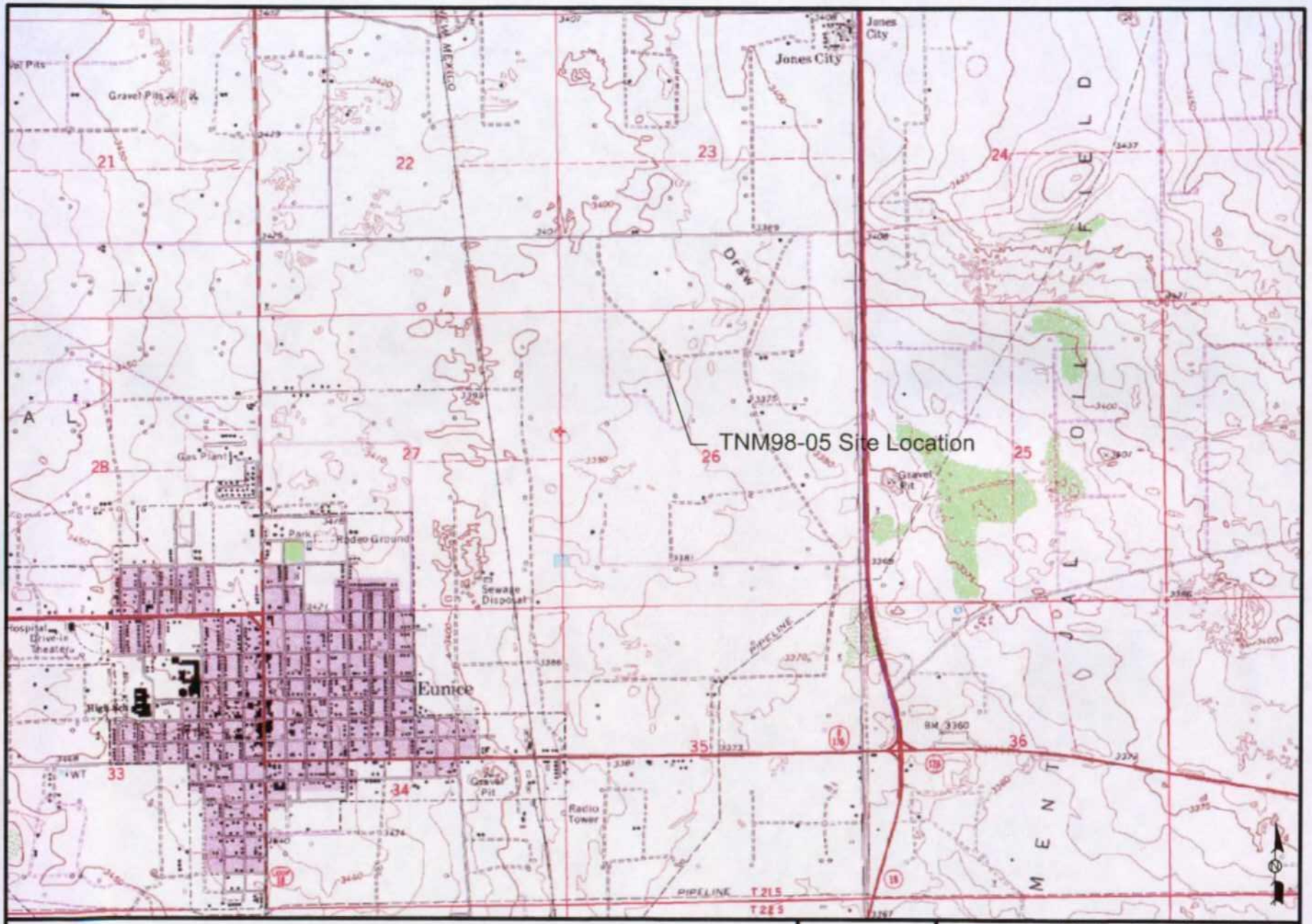
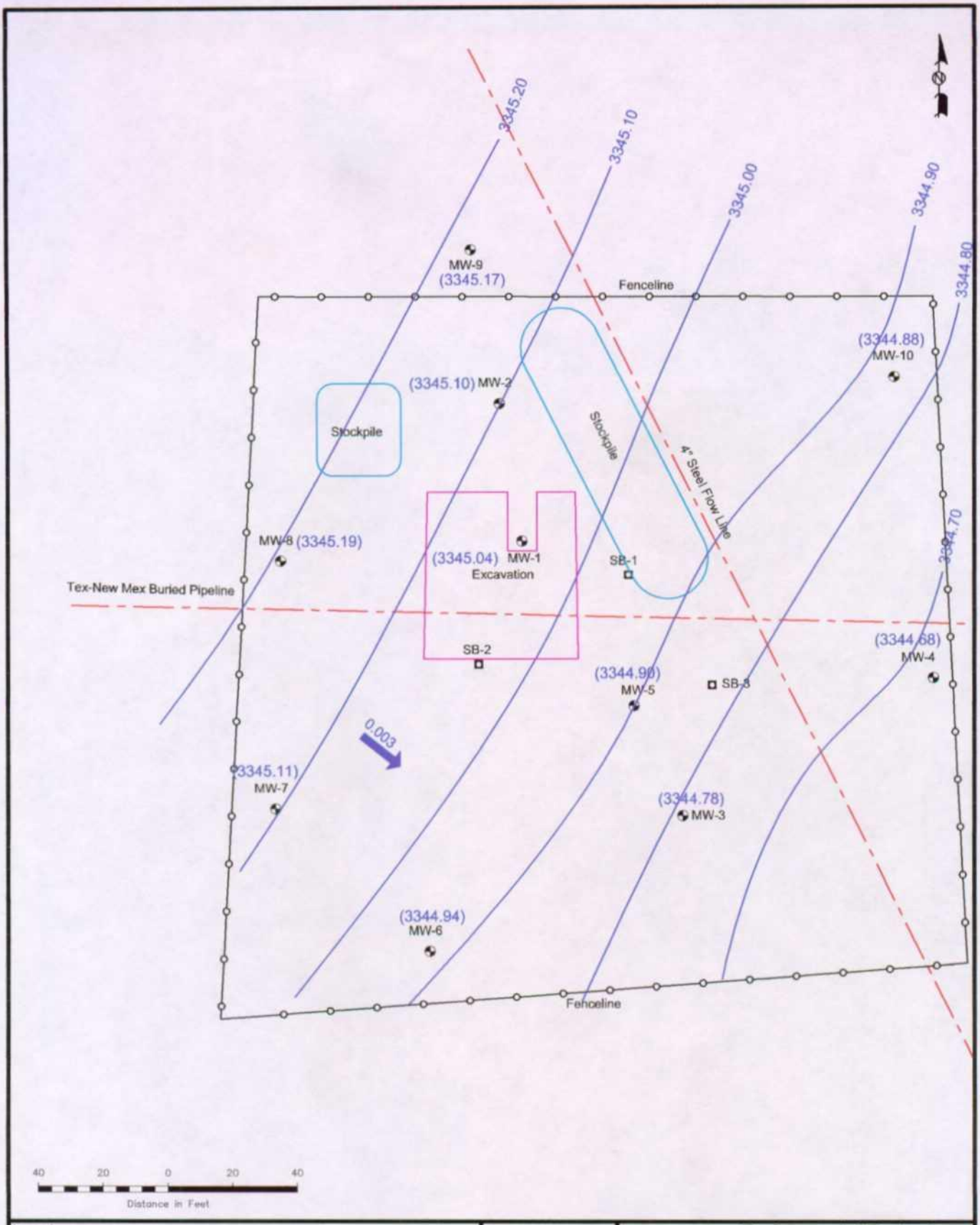


Figure 1
Site Location Map

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

Environmental Technology Group, Inc.

NE1/4 NW1/4 Sec 26 T21S R37E		February 6, 2002
Scale: 1" = 40'	Prep By: JDJ	Checked By: DR
ETGI Project #: EOT2026C	Lat. 32° 27' 03.9"N Long. 103° 08' 30.3"	



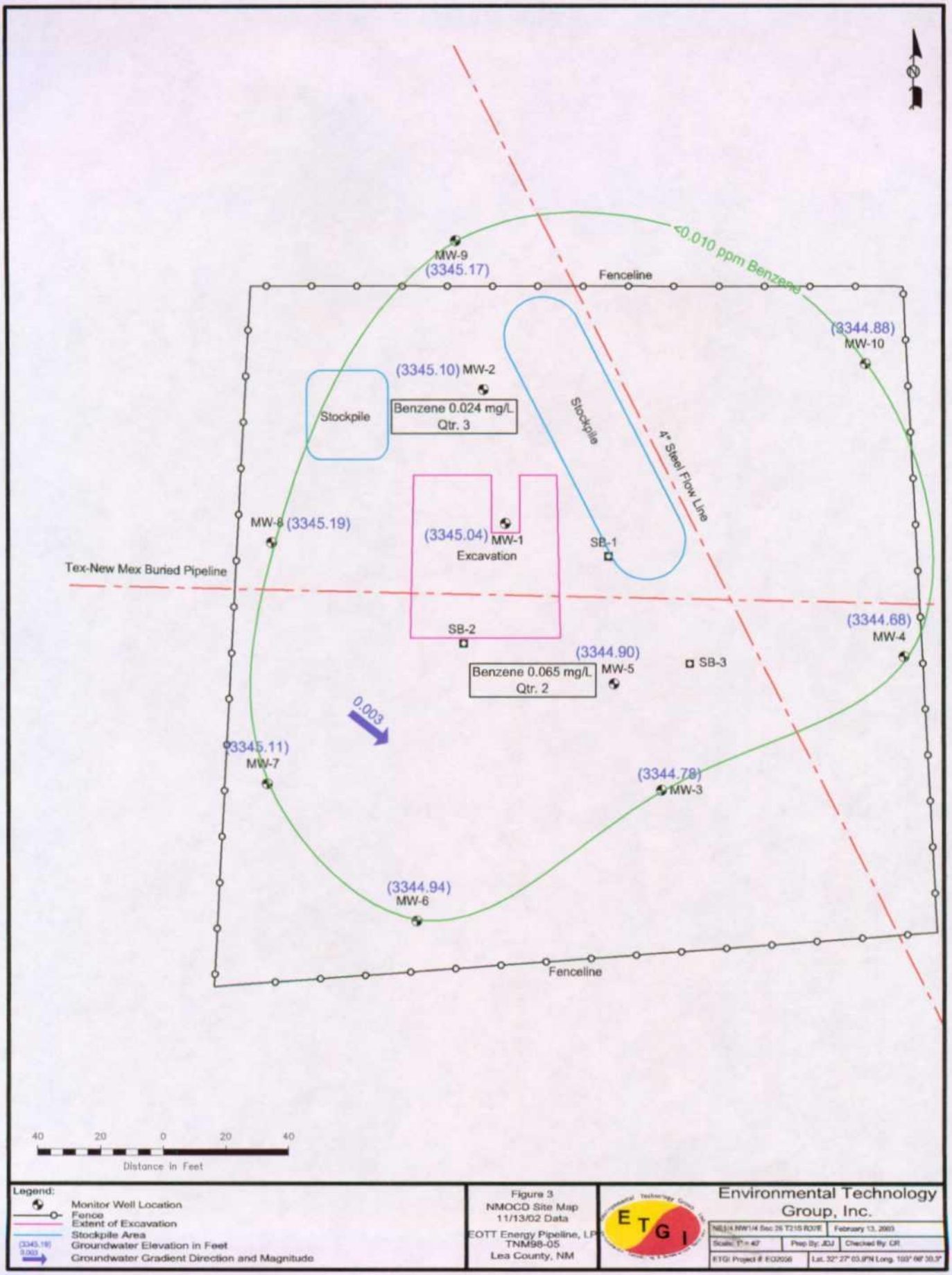
Legend:

- Monitor Well Location
- Fence
- Extent of Excavation
- Stockpile Area
- (3345.19) Groundwater Elevation in Feet
- 0.003 Groundwater Gradient Direction and Magnitude

Figure 2
Groundwater Gradient Map (11/13/02)
EOTT Energy Pipeline, LP
TNM98-05
Lea County, NM

Environmental Technology Group, Inc.

NE1/4 NW1/4 Sec 26 T21S R37E		February 13, 2003
Scale: 1" = 40'	Prep By: JDJ	Checked By: CR
ETGI Project #: EO2058	Lat. 32° 27' 03.9"N Long. 103° 08' 30.3"	



Legend:

- Monitor Well Location
- Fence
- Extent of Excavation
- Stockpile Area
- (3345.19) Groundwater Elevation in Feet
- 0.003 Groundwater Gradient Direction and Magnitude

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

Environmental Technology Group, Inc.

NE1/4 NW1/4 Sec 26 T21S R37E		February 13, 2003
Scale: 1" = 40'	Prep By: JDJ	Checked By: GR
ETGI Project # EO2036	Lat. 32° 27' 03.9"N Long. 103° 08' 30.3"	

TABLES

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	06/19/01	3,393.95	-	48.20	0.00	3,345.75
	06/20/01	3,393.85	-	48.20	0.00	3,345.65
	09/04/01	3,393.95	-	47.90	0.00	3,346.05
	10/25/01	3,393.95	-	48.51	0.00	3,345.44
	01/28/02	3,393.95	-	47.84	0.00	3,346.11
	05/06/02	3,393.95	-	48.46	0.00	3,345.49
	09/17/02	3,393.95	-	48.76	0.00	3,345.19
	10/23/02	3,393.95	-	48.94	0.00	3,345.01
	11/13/02	3,393.95	-	48.91	0.00	3,345.04
MW -2	06/19/01	3,394.75	-	48.93	0.00	3,345.82
	06/20/01	3,394.75	-	48.94	0.00	3,345.81
	09/04/01	3,394.75	-	48.77	0.00	3,345.98
	10/25/01	3,394.75	-	49.29	0.00	3,345.46
	01/28/02	3,394.75	-	48.65	0.00	3,346.10
	05/06/02	3,394.75	-	48.23	0.00	3,346.52
	09/17/02	3,394.75	-	49.53	0.00	3,345.22
	10/23/02	3,394.75	-	49.70	0.00	3,345.05
	11/13/02	3,394.75	-	49.65	0.00	3,345.10
MW - 3	06/19/01	3,393.58	-	47.90	0.00	3,345.68
	06/20/01	3,393.58	-	47.91	0.00	3,345.67
	09/04/01	3,393.58	-	47.76	0.00	3,345.82
	10/25/01	3,393.58	-	48.33	0.00	3,345.25
	01/28/02	3,393.58	-	47.65	0.00	3,345.93
	05/06/02	3,393.58	-	48.29	0.00	3,345.29
	09/17/02	3,393.58	-	48.61	0.00	3,344.97
	10/23/02	3,393.58	-	48.80	0.00	3,344.78
	11/13/02	3,393.58	-	48.80	0.00	3,344.78

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	06/19/01	3,394.98	-	49.50	0.00	3,345.48
	06/20/01	3,394.98	-	49.50	0.00	3,345.48
	09/04/01	3,394.98	-	49.08	0.00	3,345.90
	10/25/01	3,394.98	-	49.82	0.00	3,345.16
	01/28/02	3,394.98	-	49.14	0.00	3,345.84
	05/06/02	3,394.98	-	49.81	0.00	3,345.17
	09/17/02	3,394.98	-	50.11	0.00	3,344.87
	10/23/02	3,394.98	-	50.30	0.00	3,344.68
	11/13/02	3,394.98	-	50.30	0.00	3,344.68
MW - 5	06/19/01	3,393.47	-	47.80	0.00	3,345.67
	06/20/01	3,393.47	-	47.80	0.00	3,345.67
	09/04/01	3,393.47	-	47.58	0.00	3,345.89
	10/25/01	3,393.47	-	48.15	0.00	3,345.32
	01/28/02	3,393.47	-	47.48	0.00	3,345.99
	05/06/02	3,393.47	-	48.11	0.00	3,345.36
	09/17/02	3,393.47	-	48.41	0.00	3,345.06
	10/23/02	3,393.47	-	48.62	0.00	3,344.85
	11/13/02	3,393.47	-	48.57	0.00	3,344.90
MW - 6	05/01/02	3,393.41	-	47.96	0.00	3,345.45
	05/06/02	3,393.41	-	48.00	0.00	3,345.41
	09/17/02	3,393.41	-	48.32	0.00	3,345.09
	10/23/02	3,393.41	-	48.53	0.00	3,344.88
	11/13/02	3,393.41	-	48.47	0.00	3,344.94
MW - 7	05/01/02	3,392.96	-	47.36	0.00	3,345.60
	05/06/02	3,392.96	-	47.40	0.00	3,345.56
	09/17/02	3,392.96	-	47.71	0.00	3,345.25
	10/23/02	3,392.96	-	47.89	0.00	3,345.07
	11/13/02	3,392.96	-	47.85	0.00	3,345.11
MW - 8	05/01/02	3,394.03	-	48.35	0.00	3,345.68
	05/06/02	3,394.03	-	48.43	0.00	3,345.60
	09/17/02	3,394.03	-	48.69	0.00	3,345.34
	10/23/02	3,394.03	-	48.88	0.00	3,345.15
	11/13/02	3,394.03	-	48.84	0.00	3,345.19

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	05/01/02	3,396.20	-	50.55	0.00	3,345.65
	05/06/02	3,396.20	-	50.58	0.00	3,345.62
	09/17/02	3,396.20	-	50.86	0.00	3,345.34
	10/23/02	3,396.20	-	51.04	0.00	3,345.16
	11/13/02	3,396.20	-	51.03	0.00	3,345.17
MW - 10	05/01/02	3,396.23	-	50.88	0.00	3,345.35
	05/06/02	3,396.23	-	50.92	0.00	3,345.31
	09/17/02	3,396.23	-	51.18	0.00	3,345.05
	10/23/02	3,396.23	-	51.38	0.00	3,344.85
	11/13/02	3,396.23	-	51.35	0.00	3,344.88

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	06/20/01	0.067	0.017	<0.005	0.018
	09/04/01	0.030	0.010	0.001	0.010
	10/25/01	0.002	0.006	0.001	0.003
	01/28/02	0.004	0.002	<0.001	0.002
	05/06/02	0.004	0.004	<0.001	0.002
	09/17/02	0.008	<0.001	<0.001	0.003
	11/13/02	0.007	<0.001	<0.001	0.004
MW - 2	06/20/01	0.119	0.091	0.005	0.012
	09/04/01	0.437	0.339	0.029	0.065
	10/25/01	0.018	0.019	0.002	0.006
	01/28/02	0.011	0.008	<0.001	0.004
	05/06/02	0.017	0.011	<0.001	0.002
	09/17/02	0.024	0.011	0.001	0.004
	11/13/02	0.006	0.004	<0.001	0.001
MW - 3	06/20/01	0.008	<0.005	<0.005	<0.005
	09/04/01	0.009	0.005	<0.001	<0.001
	10/25/01	0.003	0.002	<0.001	<0.001
	01/28/02	0.002	0.001	<0.001	<0.001
	05/06/02	0.003	0.001	<0.001	<0.001
	09/17/02	0.004	0.001	<0.001	<0.001
	11/13/02	0.003	0.001	<0.001	0.001
MW - 4	06/20/01	<0.005	<0.005	<0.005	<0.005
	09/04/01	<0.001	<0.001	<0.001	<0.001
	10/25/01	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001
	05/06/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001
	11/13/02	<0.001	<0.001	<0.001	<0.001
MW - 5	06/20/01	0.071	0.058	<0.005	0.008
	09/04/01	0.023	0.017	0.004	0.011
	10/25/01	0.020	0.011	<0.001	0.003
	01/28/02	0.055	0.031	0.001	0.007
	05/06/02	0.065	0.035	0.001	0.009
	09/17/02	0.031	0.014	0.001	0.004
	11/13/02	0.013	0.006	<0.001	0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 6	05/06/02	0.001	0.001	<0.001	<0.001
	09/17/02	0.006	0.002	<0.001	<0.001
	11/13/02	0.005	0.001	<0.001	<0.001
MW - 7	05/06/02	0.002	0.002	<0.001	<0.001
	09/17/02	0.004	0.002	<0.001	<0.001
	11/13/02	0.004	0.002	<0.001	<0.001
MW - 8	05/06/02	0.004	0.004	<0.001	<0.001
	09/17/02	0.001	<0.001	<0.001	<0.001
	11/13/02	0.003	0.002	<0.001	<0.001
MW - 9	05/06/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001
	11/13/02	<0.001	<0.001	<0.001	<0.001
MW - 10	05/06/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001
	11/13/02	<0.001	<0.001	<0.001	<0.001
EB - 1	06/20/01	<0.005	<0.005	<0.005	<0.005
	09/04/01	<0.001	<0.001	<0.001	<0.001
	10/25/01	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<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#: 125222 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 1
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **Time:** 14:35

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	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	3.92	µg/L	1	<1	02/01/02	8260b	---	7.9	87.3	93.1	87.9
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.3	96.9	100.4	100.4
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	---	1.1	96.4	100	98.2
o-Xylene	2.26	µg/L	1	<1	02/01/02	8260b	---	0.2	96.9	101.2	99.6
Toluene	1.93	µg/L	1	<1	02/01/02	8260b	---	8.6	94.2	96.9	97.1

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.

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 EOT 2056C **Sample Name:** MW 1	**Report#/Lab ID#:** 125222 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.8	80-120	---
Toluene-d8	8260b	104	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#: 125223 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **Time:** 14:00

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	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	11.1	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	2.99	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	1.05	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	7.7	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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 EOT 2056C **Sample Name:** MW 2	**Report#/Lab ID#:** 125223 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80	80-120	---
Toluene-d8	8260b	91.1	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#: 125224 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 3
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **Time:** 13:45

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	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	2.24	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	J	1.5	113.9	117.9	111.1
o-Xylene	<1	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	1.42	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** MW 3	**Report#/Lab ID#:** 125224 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 125224 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	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#: 125225 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 4
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **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	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/01/02	8260b	J	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	<1	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	<1	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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 FOT 2056C **Sample Name:** MW 4	**Report#/Lab ID#:** 125225 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	80-120	---
Toluene-d8	8260b	92	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 125225 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: *TNM 98-05 EOT 2056C*
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.
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J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situation 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#: 125226 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 5
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **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	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	55.1	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	1.27	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	4.91	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	2.31	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	30.7	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS Inc.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** MW 5	**Report#/Lab ID#:** 125226 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	89.2	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#: 125227 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: EB 1
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **Time:** 15:00

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	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	<1	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	<1	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

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Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** EB 1	**Report#/Lab ID#:** 125227 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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) 397-4182 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 98-05 Sampler: Simon Casas
EOT 2056C

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Analyses Requested (1) BTEX 8021B	Comments
MW 1	1-28-02	1435	2		X		125222	X	
MW 2		1400					125223		
MW 3		1345					125224		
MW 4		1330					125225		
MW 5		1417					125226		
EB 1	↓	1500	↓		↓		125227	↓	

(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: 2.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	1/30/02	1200	[illegible]	ASI	2-1-02	10:15

[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#: 129192 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 1
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 15:25

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	---		---		05/10/02	8260b	---	---	---	---	---
Benzene	3.8	µg/L	1	<1	05/10/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/10/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	1.58	µg/L	1	<1	05/10/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	3.5	µg/L	1	<1	05/10/02	8260b	---	0	117.4	116.7	120.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: *Environmental Tech Group*	***Project ID:*** *TNM 98-05 EOT 2056C*	***Report#/Lab ID#:*** 129192
Attn: Camille Reynolds	**Sample Name:** MW 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 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#: 129193 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 15:00

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	---		---		05/10/02	8260b	---	---	---	---	---
Benzene	16.5	µg/L	1	<1	05/10/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	2.29	µg/L	1	<1	05/10/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/10/02	8260b	J	1.1	90.2	89.9	91.8
Toluene	11.2	µg/L	1	<1	05/10/02	8260b	---	0	117.4	116.7	120.1

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.

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

Client: Environmental Tech Group	**Project ID:** TNM 98-05 EOT 2056C	**Report#/Lab ID#:** 129193
Attn: Camille Reynolds	**Sample Name:** MW 2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	94.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 129193 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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#: 129194 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 13:05

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	---		---		05/10/02	8260b	---	---	---	---	---
Benzene	2.83	µg/L	1	<1	05/10/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/10/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	1.14	µg/L	1	<1	05/10/02	8260b	---	0	117.4	116.7	120.1

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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Client: Environmental Tech Group	**Project ID:** TNM 98-05 EOT 2056C	**Report#/Lab ID#:** 129194
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	96	80-120	---
Toluene-d8	8260b	97.4	88-110	---

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

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

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

Report#/Lab ID#: 129195 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 4
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 12:45

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	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	<1	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1

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

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** MW 4	**Report#/Lab ID#:** 129195 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	94.2	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#: 129196 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 5
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 14:49

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	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	64.6	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	1.37	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	5.47	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	3.8	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	35	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1

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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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** MW 5	**Report#/Lab ID#:** 129196 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	95.5	88-110	---

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

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

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

Report#/Lab ID#: 129197 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 14:26

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	1040	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	0.699	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.17	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.481	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.0299	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	80.4	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	0.278	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	39.9	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0513	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6

Report#/Lab ID#: 129197
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]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.07	98.78	98.11	100
Potassium/AA*filtered	5.36	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	180	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.64	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0545	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	170	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	305	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	174	mg/L	5	<5	05/10/02	375.4&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	1.29	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	1.12	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6

Report#/Lab ID#: 129197
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]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** MW 6	**Report#/Lab ID#:** 129197 **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	95.3	88-110	---
2-Fluorobiphenyl	8270c	48.1	43-116	---
Nitrobenzene-d5	8270c	39.6	35-114	---
Terphenyl-d14	8270c	39.8	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 129197 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
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 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
Arsenic/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes: _____

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#: 129198 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 7
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 14:00

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	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	1040	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	1.97	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.19	103.34	98.52	102.7
Barium/ICP	0.148	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.497	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.459	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	76.4	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	0.936	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	36.5	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0481	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

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: TNM 98-05 EOT 2056C
Sample Name: MW 7

Report#/Lab ID#: 129198
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]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	5.83	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	164	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.1	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0289	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	160	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	284	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	182	mg/L	5	<5	05/10/02	375.4&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	2.31	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	2	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 20560
Sample Name: MW 7

Report#/Lab ID#: 129198
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]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	84.4	38.9

ANALYSYS INC.

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C **Sample Name:** MW 7	**Report#/Lab ID#:** 129198 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.4	80-120	---
Toluene-d8	8260b	95.7	88-110	---
2-Fluorobiphenyl	8270c	48.1	43-116	---
Nitrobenzene-d5	8270c	43.1	35-114	---
Terphenyl-d14	8270c	33.2	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 129198 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
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
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

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#: 129199 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 8
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **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]
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	890	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	6.31	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.178	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.436	mg/L	0.02	<0.02	05/10.02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.0935	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	67.8	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	2.95	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	33.2	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0607	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

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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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 8

Report#/Lab ID#: 129199
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]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	6.06	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	157	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.47	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0744	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	160	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	249	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	176	mg/L	5	<5	05/10/02	375.4&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	4.24	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	4.38	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.4	89.3	32.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 8

Report#/Lab ID#: 129199
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]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	84.4	38.9

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 2056C' **Sample Name:** MW 8	**Report#/Lab ID#:** 129199 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.3	80-120	---
Toluene-d8	8260b	96.6	88-110	---
2-Fluorobiphenyl	8270c	48.6	43-116	---
Nitrobenzene-d5	8270c	45.5	35-114	---
Terphenyl-d14	8270c	43.2	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 129199 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 8

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

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#: 129200 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **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]
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	984	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	13.2	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.287	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.444	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.0357	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	79.9	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	0.0126	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	6.66	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	35.7	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.11	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

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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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9

Report#/Lab ID#: 129200
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]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	6.7	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	166	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.84	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0861	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	0.0187	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	180	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	265	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	194	mg/L	5	<5	05/10/02	375.4&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	<1	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.4	89.3	32.5

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 20566
Sample Name: MW 9

Report#/Lab ID#: 129200
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]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** TNM 98-05 EOT 20560 **Sample Name:** MW 9	**Report#/Lab ID#:** 129200 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.7	80-120	---
Toluene-d8	8260b	95.8	88-110	---
2-Fluorobiphenyl	8270c	52.8	43-116	---
Nitrobenzene-d5	8270c	53.2	35-114	---
Terphenyl-d14	8270c	48.4	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 129200 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9

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
Arsenic/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:

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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#: 129201 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 10
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 12:25

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	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/09/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	959	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	6.68	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.212	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.458	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.583	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	74.4	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	0.0128	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	3.28	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	36.4	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0535	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

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 EOT 20560
Sample Name: MW 10

Report#/Lab ID#: 129201
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]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	5.94	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	161	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	2.99	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0738	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	160	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	270	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	180	mg/L	5	<5	05/10/02	375.4&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/14/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	<1	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	J	0	29.4	89.3	32.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 10

Report#/Lab ID#: 129201
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]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.5	84.4	38.9

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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 98-05 EOT 2056C **Sample Name:** MW 10	**Report#/Lab ID#:** 129201 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	80-120	---
Toluene-d8	8260b	95.6	88-110	---
2-Fluorobiphenyl	8270c	48.5	43-116	---
Nitrobenzene-d5	8270c	40.3	35-114	---
Terphenyl-d14	8270c	42.8	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 129201 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 10

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
Arsenic/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:

COC #60

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4760

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 98-05 Sampler: Lima Cass
EOT 20856 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)	VOA 8021B	PAH 8100	TDS 160.1	CATION 6010	HEAVY METALS 6010	ANIONS 300.0	Comments
MW 1	5-6-02	1525	2		X		129192	X						
MW 2		1500					129193							
MW 3		1305					129194							
MW 4		1245					129195							
MW 5		1449	↓				129196							
MW 6		1426	6				129197		X	X	X	X	X	
MW 7		1400					129198							
MW 8		1330					129199							
MW 9		1200					129200							
MW 10	↓	1225	↓		↓		129201	↓	↓	↓	↓	↓	↓	

(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 QC/QC 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 Pollutants or ASI's TCL 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
Lima Cass	ETGI	5-7-02	1600	Melonie	Humphrey ASI	5/8/02	0940

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

FILE

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#: 134040 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 1
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 12:55

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	7.68	µg/L	1	<1	09/27/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	J	1.2	94.3	95.9	93.1
o-Xylene	3.01	µg/L	1	<1	09/27/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/27/02	8260b	J	2.1	96.8	95.5	99.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers: 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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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** TNM - 98 - 05 EOT 2056	**Report#/Lab ID#:** 134040
Attn: Ken Dutton	**Sample Name:** MW 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.8	80-120	---
Toluene-d8	8260b	95.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134040 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 1

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

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

AnalySys Inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134041 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 2
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 12:35

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	23.6	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	1.3	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	2.83	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	1.48	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	10.5	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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, 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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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM - 98 - 05 EOT 2056 **Sample Name:** MW 2	**Report#/Lab ID#:** 134041 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	80-120	---
Toluene-d8	8260b	95.3	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#: 134042 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 14:37

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	4.16	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	1.37	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM - 98 - 05 EOT 2056 **Sample Name:** MW 3	**Report#/Lab ID#:** 134042 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	98.4	88-110	---

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

AnalySys Inc.

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

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

Report#/Lab ID#: 134043 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 4
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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	**Project ID:** TNM - 98 - 05 EOT 2056	**Report#/Lab ID#:** 134043
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	97	80-120	---
Toluene-d8	8260b	97.3	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134044 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 5
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 14:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	31.3	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	1.12	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	2.13	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	1.5	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	14.2	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM - 98 - 05 EOT 2056 **Sample Name:** MW 5	**Report#/Lab ID#:** 134044 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 134045 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 6
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 14:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	6.24	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	2.23	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM - 98 - 05 EOT 2056 **Sample Name:** MW 6	**Report#/Lab ID#:** 134045 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	94.1	88-110	---

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

AnalySys Inc.

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

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

Report#/Lab ID#: 134046 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 7
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 13:56

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	3.95	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	2.27	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM - 98 - 05 EOT 2003	**Report#/Lab ID#:** 13-1046
Attn: Ken Dutton	**Sample Name:** MW 7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	80-120	---
Toluene-d8	8260b	95.3	88-110	---

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 134047 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 8
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 13:41

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	1.25	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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Richard Laster

Richard Laster

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ANALYSYS INC.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 8

Report#/Lab ID#: 134047
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	94.4	88-110	---

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 134048 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 9
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 13:20

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** TNM - 98 - 05 EOT 2056	**Report#/Lab ID#:** 134048
Attn: Ken Dutton	**Sample Name:** MW 9	**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	95.2	88-110	---

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 134049 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 10
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 15:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	[illegible]	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM - 98 - 05 EOT 2056 **Sample Name:** MW 10	**Report#/Lab ID#:** 134049 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.9	80-120	---
Toluene-d8	8260b	96.8	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: Ken Dutton
Address: 2540 W. Marland
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134050 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: EB 1
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 15:40

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	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128.9
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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Richard Laster

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ANALYSYS Inc.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM - 98 - 05 EOT 2056 **Sample Name:** EB 1	**Report#/Lab ID#:** 134050 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	96.5	88-110	---

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

3883

COC:167 1/2

AnalySys Inc.

4221 Freidrich Lane Suite 190 Austin TX

CHAIN-OF-CUSTODY

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM-98-05 EOT-2056 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
mw 1	9-17-02	1255	2		X		134040	X	
mw 2	↓	1235	↓		↓		134041	↓	
mw 3	↓	1437	↓		↓		134042	↓	
mw 4	↓	1512	↓		↓		134043	↓	
mw 5	↓	1452	↓		↓		134044	↓	
mw 6	↓	1418	↓		↓		134045	↓	
mw 7	↓	1356	↓		↓		134046	↓	
mw 8	↓	1341	↓		↓		134047	↓	
mw 9	↓	1320	↓		↓		134048	↓	
mw 10	↓	1525	↓		↓		134049	↓	

(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 ... Unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody ... for GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this ... Specific compound lists must be supplied for all GC procedures.

Temp: 2.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E.T.G.I.	9-24-02	1030	Melanie Humphrey	ASI	9/25/02	0945

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

COC: 167 2 '2

AnalySys Inc.

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

CHAIN-OF-CUSTODY

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 98-05 EOT-2056 Sampler: Marcelo Compo

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
EB-1	9-17-02	1540	2		X		134050	X							

(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 ... 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 GC procedures.

Temp. 1.5 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Compo	E.T.G.I.	9-24-02	1030	Melanie Humphrey	ASI	9/25/02	0945

[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#: 136500 **Report Date:** 11/22/02
Project ID: 98-05[illegible] EO 2056
Sample Name: MW 1
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 13:46

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	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	**6.97**	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	**1.11**	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	<1	µg/L	1	<1	11/19/02	8260b	J	2.1	109.7	98.8	108.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136500
Attn: Camille Reynolds	**Sample Name:** MW 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136500 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2056
Sample Name: MW 1

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 136501 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 2
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 14:01

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	5.75	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	J	2.6	105.7	99.1	106.6
m,p-Xylenes	1.11	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	J	2.7	103.9	91.6	105.5
Toluene	4.49	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136501
Attn: Camille Reynolds	**Sample Name:** MW 2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.8	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136501 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2056
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	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#: 136502 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 12:45

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	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	**2.79**	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	J	7.3	107.2	108.4	114.3
m,p-Xylenes	**1.24**	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	J	5.3	100.7	95.8	108.6
Toluene	**1.08**	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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Richard Laster

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2056 **Sample Name:** MW 3	**Report#/Lab ID#:** 136502 **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	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136502 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2056
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).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	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#: 136503 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 4
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 11:09

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	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/21/02	8260b	J	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	<1	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2056 **Sample Name:** MW 4	**Report#/Lab ID#:** 136503 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.2	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136503 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2056
Sample Name: MW 4

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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

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

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

Report#/Lab ID#: 136504 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 5
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 14:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/20/02	8260b	---	---	---	---	---
Benzene	**13.1**	µg/L	1	<1	11/20/02	8260b	---	0.2	77	86.8	77.2
Ethylbenzene	<1	µg/L	1	<1	11/20/02	8260b	---	0.3	105.2	105.7	102
m,p-Xylenes	**1.07**	µg/L	1	<1	11/20/02	8260b	---	1.9	106	106.3	105.5
o-Xylene	<1	µg/L	1	<1	11/20/02	8260b	J	8.3	92.6	95.3	93.8
Toluene	**6.05**	µg/L	1	<1	11/20/02	8260b	---	1	90.4	85	88.5

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS inc.

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

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136504
Attn: Camille Reynolds	**Sample Name:** MW 5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1.2-Dichloroethane-d4	8260b	87.3	80-120	---
Toluene-d8	8260b	110	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136504 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: 98-05A EO 2056
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
o-Xylene	J	See J-flag discussion above.

Notes:

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#: 136505 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 6
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 13:25

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	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	**5.06**	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	**1.13**	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136505
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	87	80-120	---
Toluene-d8	8260b	109	88-110	---

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

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

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

Report#/Lab ID#: 136506 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 7
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 13:05

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	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	**4.22**	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	**1.62**	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** 98-05A EO 2056 **Sample Name:** MW 7	**Report#/Lab ID#:** 136506 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136507 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 8
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 12:29

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	2.94	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	2.32	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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

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Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136507
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	93.4	80-120	---
Toluene-d8	8260b	97.6	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136508 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 9
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 11:26

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	<1	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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Respectfully Submitted,

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

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136508
Attn: Camille Reynolds	**Sample Name:** MW 9	**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	99.9	88-110	---

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

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

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

Report#/Lab ID#: 136509 **Report Date:** 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 10
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 14:30
Date Sampled: 11/13/2002 **Time:** 12:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	<1	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** 98-05A EO 2056	**Report#/Lab ID#:** 136509
Attn: Camille Reynolds	**Sample Name:** MW 10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.1	80-120	---
Toluene-d8	8260b	102	88-110	---

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

CHAIN-OF-CUSTODY

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

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: NM 98-05 EO-2056 Sampler: Marcela Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8020	Comments
mw 1	11/13/02	1346	2		X		136500	X	
mw 2		1401					136501		
mw 3		1245					136502		
mw 4		1109					136503		
mw 5		1418					136504		
mw 6		1325					136505		
mw 7		1305					136506		
mw 8		1229					136507		
mw 9		1126					136508		
mw 10		1210					136509		

(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: 4°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcela 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.]