AP - 017

ANNUAL MONITORING REPORT

YEAR(S):
2003

Rec'd 4/25/03

ANNUAL MONITORING REPORT

AP 17

EOTT ENERGY, LLC 5/8/03
TNM 97-17
LEA COUNTY, NEW MEXICO
NE4 SW4 SECTION 21, TOWNSHIP 20 SOUTH RANGE 37 EAST

PREPARED FOR:

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

PREPARED BY:

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

March 2003

Ken Dutton
Project Manager

Chance I. Johnson
New Mexico Regional Manager

TABLE OF CONTENTS

INTRODUCTION

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

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

FIELD ACTIVITIES

The site monitor wells were gauged and sampled on March 27, May 14, September 26, and November 12, 2002. In addition, the site monitor wells were sampled on November 12, 2002 for concentrations of polynuclear aromatic hydrocarbons (PAH) and New Mexico Water Control Commission (WQCC) metals, in accordance with the NMOCD letter dated March 6, 2001. 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 collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by either Pate Trucking, of Hobbs, New Mexico or Vista Trucking of Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on November 12, 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 0.004 ft/ft to the southeast as measured between groundwater monitor wells MW-1 and MW-22. The depth to groundwater, as measured from the top of the well casing, ranged between 19.99 to 26.67 feet for the shallow alluvial aquifer.

A measurable thickness or sheen of PSH was detected in monitor wells MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-14, MW-15, MW-19 and recovery wells RW-1, RW-2, RW-3, RW-4, RW-5 and RW-6 during the annual monitoring period. Maximum thicknesses of 3.22 feet in monitor well MW-4, a sheen in monitor well MW-5, 0.32 foot in monitor well MW-6, 1.65 feet in monitor well MW-7, 1.25 feet in monitor well MW-8, a sheen in monitor well MW-9, 0.11 foot in monitor well MW-10, 2.23 feet in monitor well MW-14, 3.01 feet in monitor

well MW-15, 0.98 foot in monitor well MW-19, 0.62 foot in recovery well RW-1, a sheen in recovery wells RW-2 and RW-3, 0.02 feet in recovery well RW-4, 0.66 foot in recovery well RW-5, and 6.58 feet in recovery well RW-6 was measured and is shown on Table 1. The depth to groundwater as measured from the top of the well casing ranged from between 18.99 to 26.67 feet in the shallow alluvial aquifer.

LABORATORY RESULTS

Groundwater samples collected during the sampling events were delivered to AnalySys, Inc. in 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 copies of the Laboratory Reports are provided as Appendix A. Groundwater samples which exceeded NMOCD regulatory standards for benzene and BTEX are indicated on Figure 3, the NMOCD Site Map.

Laboratory results for all of the site groundwater samples obtained during the calendar year 2002 monitoring period indicate that Benzene and BTEX concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-2, MW-3, MW-11, MW-12, MW-13, MW-16, MW-17, MW-18, MW-22, MW-23, MW-24, MW-25, MW-27 and MW-28. The Benzene concentrations were above NMOCD regulatory standards in monitor wells MW-20, MW-21 and MW-26 while the respective 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. A measurable thickness or sheen of PSH was detected in monitor wells MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-14, MW-15, MW-19 and recovery wells RW-1, RW-2, RW-3, RW-4, RW-5 and RW-6 during the annual monitoring period. Maximum thicknesses of 3.22 feet in monitor well MW-4, a sheen in monitor well MW-5, 0.32 foot in monitor well MW-6, 1.65 feet in monitor well MW-7, 1.25 feet in monitor well MW-8, a sheen in monitor well MW-9, 0.11 foot in monitor well MW-10, 2.23 feet in monitor well MW-14, 3.01 feet in monitor well MW-15, 0.98 foot in monitor well MW-19, 0.62 foot in recovery well RW-1, a sheen in recovery wells RW-2 and RW-3, 0.02 feet in recovery well RW-4 and 0.66 foot in recovery well RW-5, and 6.58 feet in recovery well RW-6 was measured and is shown on Table 1. During this reporting period, approximately 300 gallons of PSH was recovered from the aforementioned recovery and monitor wells. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicated a general gradient of approximately 0.004 ft/ft to the southeast as measured between groundwater monitor wells MW-1 and MW-22.

Laboratory results for all of the site groundwater samples obtained during the calendar year 2002 monitoring period indicate that benzene and BTEX constituent concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-2, MW-3, MW-11, MW-12, MW-13, MW-16, MW-17, MW-18, MW-22, MW-23, MW-24, MW-25, MW-27 and MW-28. The benzene concentrations were above NMOCD regulatory standards in monitor wells MW-20, MW-21 and MW-26 while the BTEX constituent concentrations were below NMOCD regulatory standards.

DISTRIBUTION

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

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

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

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

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

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

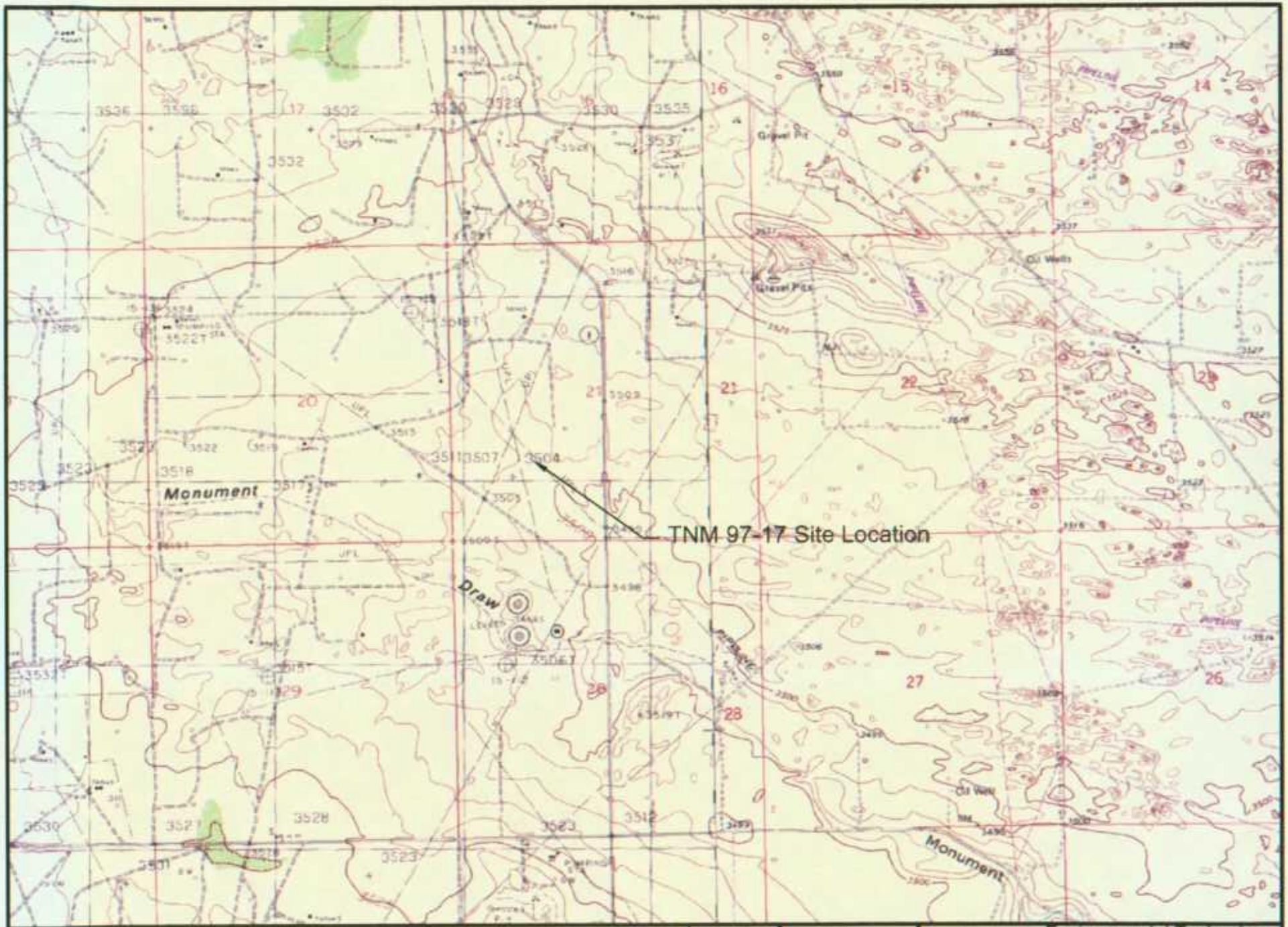
Copy 8: Environmental Technology Group, Inc.
4600 W. Wall
Midland, Texas 79703

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

Copy Number: _____

_____
Quality Control Review

FIGURES



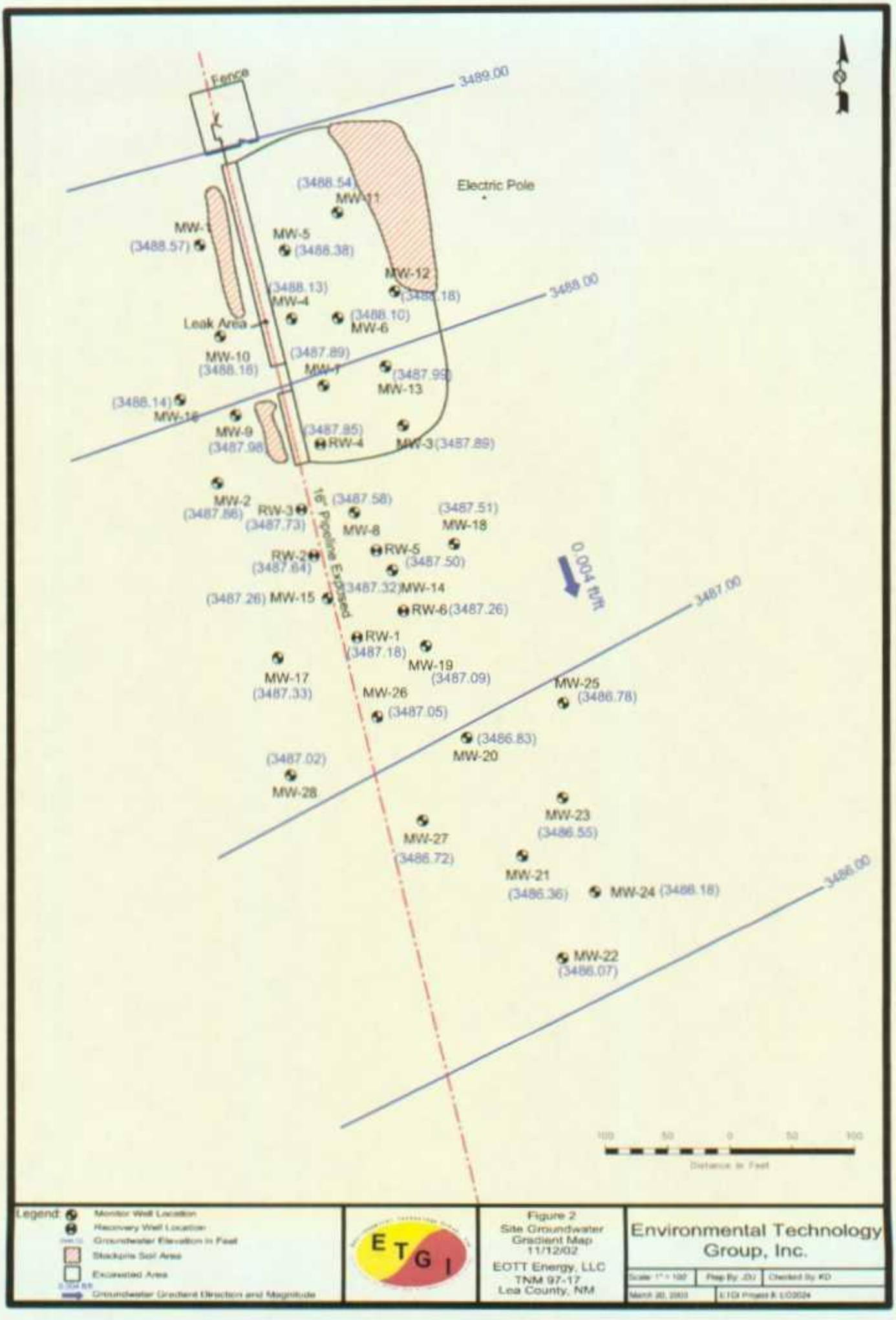
Lat. N32° 33' 24"N Long. W103° 15' 37.3"W

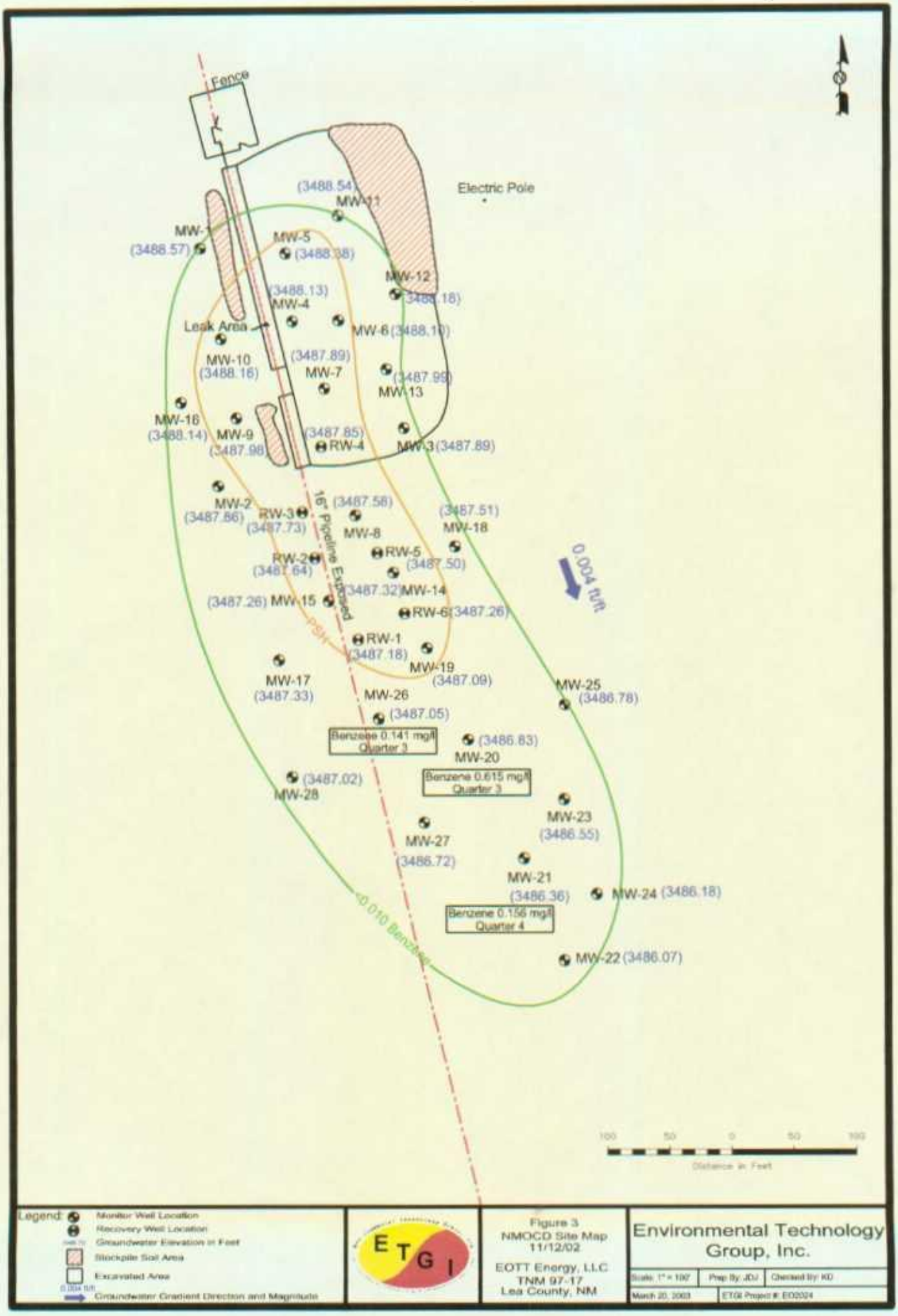
Figure 1
Site Location Map

COTT Energy Pipeline, LP
TNM 97-17
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Drawn By: JDJ	Prepared By: DR
February 11, 2003		
ETGI Project # EO2004	NE1/4 SW1/4 Sec 21 T20S R37E	


Fence
3489.00
(3488.54)
MW-11
Electric Pole
MW-5
(3488.38)
MW-12
(3488.13)
MW-4
(3488.10)
MW-6
Leak Area
3488.00
MW-10
(3488.16)
(3487.89)
MW-7
(3487.99)
MW-13
(3488.14)
MW-16
MW-9
(3487.98)
(3487.85)
RW-4
MW-3 (3487.89)
MW-2
(3487.86)
RW-3
(3487.73)
16" Pipeline Exposed
(3487.58)
MW-8
(3487.51)
MW-18
RW-2
(3487.64)
RW-5
(3487.50)
0.004 ft/ft
(3487.26) MW-15
(3487.32) MW-14
RW-6 (3487.26)
3487.00
RW-1
(3487.18)
MW-19
(3487.09)
MW-17
(3487.33)
MW-26
(3487.05)
MW-25
(3486.78)
(3486.83)
MW-20
(3487.02)
MW-28
MW-23
(3486.55)
MW-27
(3486.72)
MW-21
(3486.36)
MW-24 (3486.18)
3486.00
MW-22
(3486.07)
100 50 0 50 100
Distance in Feet
Legend:
Monitor Well Location
Recovery Well Location
Groundwater Elevation in Feet
Stockpile Soil Area
Excavated Area
Groundwater Gradient Direction and Magnitude
ETGI
Figure 2
Site Groundwater Gradient Map
11/12/02
EOTT Energy, LLC
TNM 97-17
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1" = 100'
Prep By: JDJ
Checked By: KD
March 20, 2003
ETGI Project #: LO2024


Fence
Electric Pole
(3488.54)
MW-11
MW-1
(3488.57)
MW-5
(3488.38)
MW-12
(3488.13)
MW-4
Leak Area
MW-6 (3488.10)
MW-10
(3488.16)
(3487.89)
MW-7
(3487.99)
MW-13
MW-16
(3488.14)
MW-9
(3487.98)
(3487.85)
RW-4
MW-3 (3487.89)
MW-2
(3487.86)
RW-3
(3487.73)
16" Pipeline Exposed
(3487.58)
MW-8
(3487.51)
MW-18
RW-2
(3487.64)
RW-5
(3487.50)
0.004 ft/ft
(3487.26) MW-15
(3487.32) MW-14
RW-6 (3487.26)
PSH
RW-1
(3487.18)
MW-19
(3487.09)
MW-17
(3487.33)
MW-26
(3487.05)
MW-25
(3486.78)
Benzene 0.141 mg/l
Quarter 3
(3486.83)
MW-20
(3487.02)
MW-28
Benzene 0.615 mg/l
Quarter 3
MW-23
(3486.55)
MW-27
(3486.72)
MW-21
(3486.36)
MW-24 (3486.18)
<0.010 Benzene
Benzene 0.156 mg/l
Quarter 4
MW-22 (3486.07)
100 50 0 50 100
Distance in Feet
Legend:
Monitor Well Location
Recovery Well Location
Groundwater Elevation in Feet
Stockpile Soil Area
Excavated Area
Groundwater Gradient Direction and Magnitude
ETGI
Figure 3
NMOCD Site Map
11/12/02
EOTT Energy, LLC
TNM 97-17
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1" = 100'
Prep By: JDJ
Checked By: KD
March 20, 2003
ETGI Project #: EO2024

TABLES

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97- 17
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2024

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/03/00	3,510.90	-	22.33	0.00	3,488.57
	04/11/00	3,510.90	-	22.31	0.00	3,488.59
	09/01/00	3,510.90	-	23.43	0.00	3,487.47
	11/21/00	3,510.90	-	23.10	0.00	3,487.80
	02/22/01	3,510.90	-	22.54	0.00	3,488.36
	05/17/01	3,510.90	-	22.29	0.00	3,488.61
	08/08/01	3,510.90	-	23.34	0.00	3,487.56
	10/24/01	3,510.90	-	22.58	0.00	3,488.32
	03/27/02	3,510.90	-	22.14	0.00	3,488.76
	05/14/02	3,510.90	-	21.93	0.00	3,488.97
	06/20/02	3,510.90	-	22.02	0.00	3,488.88
	09/26/02	3,510.90	-	22.62	0.00	3,488.28
	11/12/02	3,510.90	-	22.33	0.00	3,488.57
MW - 2	03/03/00	3,509.23	-	21.35	0.00	3,487.88
	04/11/00	3,509.23	-	21.31	0.00	3,487.92
	09/01/00	3,509.23	-	22.23	0.00	3,487.00
	11/21/00	3,509.23	-	22.05	0.00	3,487.18
	02/22/01	3,509.23	-	21.52	0.00	3,487.71
	05/17/01	3,509.23	-	21.30	0.00	3,487.93
	08/08/01	3,509.23	-	22.21	0.00	3,487.02
	10/24/01	3,509.23	-	21.54	0.00	3,487.69
	03/27/02	3,509.23	-	21.15	0.00	3,488.08
	05/14/02	3,509.23	-	20.92	0.00	3,488.31
	06/20/02	3,509.23	-	21.04	0.00	3,488.19
	09/26/02	3,509.23	-	21.44	0.00	3,487.79
	11/12/02	3,509.23	-	21.37	0.00	3,487.86
MW - 3	03/03/00	3,508.82	-	20.95	0.00	3,487.87
	04/11/00	3,508.82	-	20.91	0.00	3,487.91
	09/01/00	3,508.82	-	21.80	0.00	3,487.02
	11/21/00	3,508.82	-	21.65	0.00	3,487.17
	02/22/01	3,508.82	-	21.14	0.00	3,487.68
	05/17/01	3,508.82	-	20.87	0.00	3,487.95
	08/08/01	3,508.82	-	21.72	0.00	3,487.10
	10/24/01	3,508.82	-	21.18	0.00	3,487.64
	03/27/02	3,508.82	-	20.81	0.00	3,488.01
	05/14/02	3,508.82	-	20.66	0.00	3,488.16
	06/20/02	3,508.82	-	20.60	0.00	3,488.22
	09/26/02	3,508.82	-	21.04	0.00	3,487.78
	11/12/02	3,508.82	-	20.93	0.00	3,487.89

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97- 17
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2024

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	03/03/00	3,509.15	20.71	22.10	1.39	3,488.23
	04/11/00	3,509.15	20.71	22.10	1.39	3,488.23
	09/01/00	3,509.15	21.81	21.95	0.14	3,487.32
	11/21/00	3,509.15	21.51	22.42	0.91	3,487.50
	02/22/01	3,509.15	20.99	22.55	1.56	3,487.93
	05/17/01	3,509.15	20.70	22.89	2.19	3,488.12
	08/08/01	3,509.15	21.54	23.64	2.10	3,487.30
	10/24/01	3,509.15	21.02	22.83	1.81	3,487.86
	03/27/02	3,509.15	20.50	23.72	3.22	3,488.17
	05/14/02	3,509.15	20.48	20.97	0.49	3,488.60
	06/20/02	3,509.15	20.51	21.13	0.61	3,488.54
	09/26/02	3,509.15	20.82	22.61	1.79	3,488.06
	11/12/02	3,509.15	19.97	21.10	0.09	3,488.13
MW - 5	06/20/02	3,509.96	21.23	21.23	0.00	3,488.73
	09/26/02	3,509.96	21.69	21.69	0.00	3,488.27
	11/07/02	3,509.96	21.60	21.60	0.00	3,488.36
	11/12/02	3,509.96	21.58	21.58	0.00	3,488.38
MW - 6	06/20/02	3,507.94	19.48	19.48	0.00	3,488.46
	09/26/02	3,507.94	19.84	20.02	0.18	3,488.07
	11/07/02	3,507.94	19.82	20.11	0.29	3,488.08
	11/12/02	3,507.94	19.79	20.11	0.32	3,488.10
MW - 7	06/20/02	3,507.08	18.73	19.03	0.30	3,488.31
	09/26/02	3,507.08	18.94	20.52	1.53	3,487.86
	11/12/02	3,507.08	18.94	20.59	1.65	3,487.89
MW - 8	06/20/02	3,506.39	18.31	18.99	0.68	3,487.98
	09/26/02	3,506.39	18.58	19.83	1.25	3,487.62
	11/12/02	3,506.39	18.67	19.63	0.96	3,487.58
MW - 9	06/20/02	3,509.36	21.04	21.04	0.00	3,488.32
	09/26/02	3,509.36	21.44	21.44	0.00	3,487.92
	11/07/02	3,509.36	21.42	21.42	0.00	3,487.94
	11/12/02	3,509.36	21.38	21.38	0.00	3,487.98
MW - 10	06/20/02	3,509.92	21.40	21.40	0.00	3,488.52
	09/26/02	3,509.92	21.84	21.95	0.11	3,488.06
	11/07/02	3,509.92	21.77	21.84	0.07	3,488.14
	11/12/02	3,509.92	21.75	21.81	0.06	3,488.16
MW - 11	06/20/02	3,509.27	-	20.41	0.00	3,488.86
	09/26/02	3,509.27	-	20.96	0.00	3,488.31
	11/12/02	3,509.27	-	20.73	0.00	3,488.54
MW - 12	06/20/02	3,508.63	-	20.07	0.00	3,488.56
	09/26/02	3,508.63	-	20.54	0.00	3,488.09
	11/12/02	3,508.63	-	20.45	0.00	3,488.18
MW - 13	06/20/02	3,507.96	-	19.58	0.00	3,488.38
	09/26/02	3,507.96	-	20.05	0.00	3,487.91
	11/12/02	3,507.96	-	19.97	0.00	3,487.99

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97- 17
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2024

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	06/20/02	3,507.46	19.57	20.52	0.95	3,487.75
	09/26/02	3,507.46	19.74	21.62	1.88	3,487.44
	11/12/02	3,507.46	19.81	22.04	2.23	3,487.32
MW - 15	06/20/02	3,506.48	18.69	19.19	0.50	3,487.72
	09/26/02	3,506.48	18.76	21.77	3.01	3,487.27
	11/12/02	3,506.48	18.85	21.31	2.46	3,487.26
MW - 16	06/20/02	3,509.38	-	20.88	0.00	3,488.50
	09/26/02	3,509.38	-	21.43	0.00	3,487.95
	11/12/02	3,509.38	-	21.24	0.00	3,488.14
MW - 17	06/20/02	3,507.56	-	19.87	0.00	3,487.69
	09/26/02	3,507.56	-	20.30	0.00	3,487.26
	11/12/02	3,507.56	-	20.23	0.00	3,487.33
MW - 18	06/20/02	3,509.12	-	21.29	0.00	3,487.83
	09/26/02	3,509.12	-	21.70	0.00	3,487.42
	11/12/02	3,509.12	-	21.61	0.00	3,487.51
MW - 19	06/20/02	3,507.28	19.75	20.03	0.28	3,487.49
	09/26/02	3,507.28	19.97	20.00	0.03	3,487.31
	11/12/02	3,507.28	20.04	21.02	0.98	3,487.09
MW - 20	06/20/02	3,508.43	-	21.19	0.00	3,487.24
	09/26/02	3,508.43	-	21.61	0.00	3,486.82
	11/12/02	3,508.43	-	21.60	0.00	3,486.83
MW - 21	06/20/02	3,506.98	-	20.20	0.00	3,486.78
	09/26/02	3,506.98	-	20.63	0.00	3,486.35
	11/12/02	3,506.98	-	20.62	0.00	3,486.36
MW - 22	06/20/02	3,505.61	-	19.32	0.00	3,486.29
	09/26/02	3,505.61	-	19.68	0.00	3,485.93
	11/12/02	3,505.61	-	19.54	0.00	3,486.07
MW - 23	06/20/02	3,509.79	-	22.91	0.00	3,486.88
	09/26/02	3,509.79	-	23.36	0.00	3,486.43
	11/12/02	3,509.79	-	23.24	0.00	3,486.55
MW - 24	06/20/02	3,509.68	-	23.18	0.00	3,486.50
	09/26/02	3,509.68	-	23.64	0.00	3,486.04
	11/12/02	3,509.68	-	23.50	0.00	3,486.18
MW - 25	06/20/02	3,509.65	-	22.51	0.00	3,487.14
	09/26/02	3,509.65	-	22.91	0.00	3,486.74
	11/12/02	3,509.65	-	22.87	0.00	3,486.78
MW - 26	06/20/02	3,507.49	-	20.12	0.00	3,487.37
	09/26/02	3,507.49	-	20.52	0.00	3,486.97
	11/12/02	3,507.49	-	20.44	0.00	3,487.05
MW - 27	06/20/02	3,507.66	-	20.59	0.00	3,487.07
	09/26/02	3,507.66	-	21.80	0.00	3,485.86
	11/12/02	3,507.66	-	20.94	0.00	3,486.72
MW - 28	06/20/02	3,508.37	-	20.98	0.00	3,487.39
	09/26/02	3,508.37	-	21.42	0.00	3,486.95
	11/12/02	3,508.37	-	21.35	0.00	3,487.02

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 97- 17
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2024

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW - 1	11/06/02	3,507.27	20.20	20.82	0.62	3,486.98
	11/12/02	3,507.27	20.06	20.26	0.20	3,487.18
RW - 2	11/06/02	3507.45	-	20.20	0.00	3,487.25
	11/12/02	3507.45	19.81	19.81	0.00	3,487.64
RW - 3	11/06/02	3507.86	-	21.20	0.00	3,486.66
	11/12/02	3507.86	20.13	20.13	0.00	3,487.73
RW - 4	11/05/02	3507.22	19.43	19.43	0.00	3,487.79
	11/06/02	3507.22	-	19.42	0.00	3,487.80
	11/12/02	3507.22	19.37	19.39	0.02	3,487.85
Rw - 5	11/05/02	3506.91	19.37	19.86	0.49	3,487.47
	11/06/02	3506.91	19.39	19.63	0.24	3,487.48
	11/12/02	3506.91	19.31	19.97	0.66	3,487.50
RW - 6	11/05/02	3507.45	20.09	26.67	6.58	3,486.37
	11/06/02	3507.45	20.12	20.28	0.16	3,487.31
	11/12/02	3507.45	20.08	20.80	0.72	3,487.26

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-17
LEA COUNTY, NM
ETGI Project # EO 2024

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001
	04/11/00	<0.001	0.001	<0.001	<0.001
	09/01/00	<0.001	<0.001	<0.001	<0.001
	11/21/00	<0.001	<0.001	<0.001	<0.001
	02/22/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.001	<0.001	<0.001	<0.001
	08/08/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 2	03/03/00	<0.001	<0.001	<0.001	<0.001
	04/11/00	<0.001	<0.001	<0.001	<0.001
	09/01/00	<0.001	<0.001	<0.001	<0.001
	11/21/00	<0.001	<0.001	<0.001	<0.001
	02/22/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.005	<0.005	<0.005	<0.005
	08/08/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 3	03/03/00	<0.001	<0.001	<0.001	<0.001
	04/11/00	<0.001	<0.001	<0.001	<0.001
	09/01/00	<0.001	<0.001	<0.001	<0.001
	11/21/00	<0.001	<0.001	<0.001	<0.001
	02/22/01	<0.001	<0.001	<0.001	<0.001
	05/17/01	<0.001	<0.001	<0.001	<0.001
	08/08/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 11	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 97-17
LEA COUNTY, NM
ETGI Project # EO 2024

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 12	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 13	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 16	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 17	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 18	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 20	09/26/02	0.615	<0.001	0.172	0.002
	11/12/02	0.502	<0.001	0.136	0.003
MW - 21	09/26/02	0.156	<0.001	0.054	<0.001
	11/12/02	0.082	<0.001	0.065	0.003
MW - 22	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 23	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 24	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 25	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 26	09/26/02	0.141	<0.001	0.026	<0.001
	11/12/02	0.085	<0.001	0.022	<0.001
MW - 27	09/26/02	0.001	<0.001	0.005	<0.001
	11/12/02	0.002	<0.001	0.007	<0.001
MW - 28	09/26/02	<0.001	<0.001	<0.001	<0.001
	11/12/02	<0.001	<0.001	<0.001	<0.001
EB - 1	02/22/01	<0.001	<0.001	<0.001	<0.001
	08/08/01	<0.001	<0.001	<0.001	<0.001
	10/24/01	<0.001	<0.001	<0.001	<0.001
	03/27/02	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001
	09/26/02	<0.001	<0.001	<0.001	<0.001

APPENDICES

Appendix A

Laboratory Reports

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 127689 **Report Date:** 04/05/02
Project ID: EOT 2024C TNM 97-17
Sample Name: MW 1
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/04/02	8260b	J	1.4	94.1	99	95.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	95.4	97.6	99.2
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	98.3	101.3	102.7
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	5.4	93.6	95.1	96.5
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0.2	104.8	106.5	103.7

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:** Ken Dutton	**Project ID:** EOT 2024C TNM 97-17 **Sample Name:** MW 1	**Report#/Lab ID#:** 127689 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	97.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127689 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2024C TNM 97-17
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

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 127690 **Report Date:** 04/05/02
Project ID: EOT 2024C TNM 97-17
Sample Name: MW 2
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 10:00

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	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/04/02	8260b	J	1.4	94.1	99	95.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	95.4	97.6	99.2
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	98.3	101.3	102.7
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	5.4	93.6	95.1	96.5
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0.2	104.8	106.5	103.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2024C TNM 97-17 **Sample Name:** MW 2	**Report#/Lab ID#:** 127690 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.2	80-120	---
Toluene-d8	8260b	96.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127690 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2024C TNM 97-17
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
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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127691 **Report Date:** 04/05/02
Project ID: EOT 2024C TNM 97-17
Sample Name: MW 3
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 09:40

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	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/04/02	8260b	J	1.4	94.1	99	95.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	95.4	97.6	99.2
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	98.3	101.3	102.7
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	5.4	93.6	95.1	96.5
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0.2	104.8	106.5	103.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2024C TNM 97-17 **Sample Name:** MW 3	**Report#/Lab ID#:** 127691 **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	96.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127691 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EOT 2024C TNM 97-17
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 127692 **Report Date:** 04/05/02
Project ID: EOT 2024C TNM 97-17
Sample Name: EB 1
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:48
Date Sampled: 03/27/2002 **Time:** 10:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/04/02	8260b	---	1.4	94.1	99	95.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	95.4	97.6	99.2
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	98.3	101.3	102.7
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	5.4	93.6	95.1	96.5
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0.2	104.8	106.5	103.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EOT 2024C TNM 97-17 **Sample Name:** EB 1	**Report#/Lab ID#:** 127692 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.5	80-120	---
Toluene-d8	8260b	96.9	88-110	---

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

2039

CoC 45

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#: EOT 2024 C Tatum 57-17 Sampler: [signature]

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 EPA 8021								Comments
MW 1	3-27-02	09:50	2		✓		127689	X								
MW 2	3-27-02	10:00	2		✓		127690	✓								
MW 3	3-27-02	09:40	2		✓		127691	✓								
EB 1	3-27-02	10:05	2		✓		127692	✓								

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

Temp: 0.0°C

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

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 129472 **Report Date:** 05/20/02
Project ID: TNM 97-17 EOT 2024
Sample Name: MW 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 09:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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 97-17 EOT 2024	**Report#/Lab ID#:** 129472
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	95.4	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 129473 **Report Date:** 05/20/02
Project ID: TNM 97-17 EOT 2024
Sample Name: MW 2
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 09:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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 97-17 EOT 2024	**Report#/Lab ID#:** 129473
Attn: Ken Dutton	**Sample Name:** MW 2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.8	80-120	---
Toluene-d8	8260b	103	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 129474 **Report Date:** 05/20/02
Project ID: TNM 97-17 EOT 2024
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EOT 2024	**Report#/Lab ID#:** 129174
Attn: Ken Dutton	**Sample Name:** MW 3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 129475 **Report Date:** 05/20/02
Project ID: TNM 97-17 EOT 2024
Sample Name: EB 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 10:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EOT 2024 **Sample Name:** EB 1	**Report#/Lab ID#:** 129175 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.7	80-120	---
Toluene-d8	8260b	102	88-110	---

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

COC Ø69 1488

CHAIN-OF-CUSTODY

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

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-17 EOT 2024 Sampler: Simon Casas

Analyses Requested (1)
Please attach explanatory information required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B								Comments
MW 1	5/14/02	Ø925	2		X		129472	X								
MW 2	↓	Ø95Ø	↓		↓		129473	↓								
MW 3	↓	Ø9ØØ	↓		↓		129474	↓								
EB 1	↓	1Ø1Ø	↓		↓		129475	↓								

(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 [illegible] ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 0.0°C

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

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

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#: 134644 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 1
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:13

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 1	**Report#/Lab ID#:** 134644 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	120	80-120	---
Toluene-d8	8260b	98.8	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#: 134645 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 2
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:21

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 2	**Report#/Lab ID#:** 134645 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.8	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134646 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 3
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 08:55

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	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 134646
Attn: Ken Dutton	**Sample Name:** MW 3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134647 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 11
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:08

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 134647
Attn: Ken Dutton	**Sample Name:** MW 11	**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	97.9	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134648 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 12
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 12	**Report#/Lab ID#:** 134648 **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.

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#: 134649 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 13
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 08:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 134649
Attn: Ken Dutton	**Sample Name:** MW 13	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	116	80-120	---
Toluene-d8	8260b	98.6	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#: 134650 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 16
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 16	**Report#/Lab ID#:** 134650 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

AnalySys Inc.

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#: 134651 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 17
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:32

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 17	**Report#/Lab ID#:** 134651 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.1	80-120	---
Toluene-d8	8260b	98.4	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#: 134652 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 18
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS Inc.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 134652
Attn: Ken Dutton	**Sample Name:** MW 18	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	99.1	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#: 134653 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 20
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:55

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	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	615	µg/L	10	<10	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	172	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	2.3	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 20	**Report#/Lab ID#:** 134653 **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	102	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#: 134654 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 21
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 10:16

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	156	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	53.5	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	---	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 21	**Report#/Lab ID#:** 134654 **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	105	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#: 134655 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 22
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 10:35

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	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/07/02	8260b	J	2.6	128.3	99	120.1
Ethylbenzene	<1	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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 97-17 EO 2024	**Report#/Lab ID#:** 134655
Attn: Ken Dutton	**Sample Name:** MW 22	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	99.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134655 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 22

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134656 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 23
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 10:12

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 23	**Report#/Lab ID#:** 134656 **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	100	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134657 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 24
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 10:42

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS Inc.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 134657
Attn: Ken Dutton	**Sample Name:** MW 24	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	---
Toluene-d8	8260b	98.9	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134658 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 25
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 10:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 25	**Report#/Lab ID#:** 134658 **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	99.4	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#: 134659 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 26
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:45

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	---		---		10/08/02	8260b	---	---	---	---	---
Benzene	141	µg/L	1	<1	10/08/02	8260b	---	1.2	115.1	96.8	111.5
Ethylbenzene	26.3	µg/L	1	<1	10/08/02	8260b	---	8	117.1	119.1	110.9
m,p-Xylenes	<1	µg/L	1	<1	10/08/02	8260b	---	7.9	108.7	111.6	102.7
o-Xylene	<1	µg/L	1	<1	10/08/02	8260b	J	7.8	98.8	100	92.3
Toluene	<1	µg/L	1	<1	10/08/02	8260b	---	1.7	95.8	101.6	89.1

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 97-17 EO 2024	**Report#/Lab ID#:** 134659
Attn: Ken Dutton	**Sample Name:** MW 26	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	116	80-120	---
Toluene-d8	8260b	96.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134659 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 26

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134660 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 27
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:51

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/07/02	8260b	---	---	---	---	---
Benzene	1.46	µg/L	1	<1	10/07/02	8260b	---	2.6	128.3	99	120.1
Ethylbenzene	4.54	µg/L	1	<1	10/07/02	8260b	---	1.3	108	113.6	111.3
m,p-Xylenes	<1	µg/L	1	<1	10/07/02	8260b	---	2.6	99.2	106.4	103.5
o-Xylene	<1	µg/L	1	<1	10/07/02	8260b	---	2.5	89.5	98.9	93.8
Toluene	<1	µg/L	1	<1	10/07/02	8260b	---	0.2	101.3	106.5	98.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 134660
Attn: Ken Dutton	**Sample Name:** MW 27	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.4	80-120	---
Toluene-d8	8260b	100	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 134661 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 28
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 09:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 28	**Report#/Lab ID#:** 134661 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134662 **Report Date:** 10/10/02
Project ID: TNM 97-17 EO 2024
Sample Name: EB-1
Sample Matrix: water
Date Received: 10/03/2002 **Time:** 09:20
Date Sampled: 09/26/2002 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

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

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** EB-1	**Report#/Lab ID#:** 134662 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	98.5	88-110	---

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

3777

COC: 176 1 of 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 97-17 EO-2024 Sampler: Marcelo Campos

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	9/26/02	0913	2		X		134644	X								
mw 2	↓	0921	↓		↓		134645	↓								
mw 3	↓	0855	↓		↓		134646	↓								
mw 11	↓	0908	↓		↓		134647	↓								
mw 12	↓	0900	↓		↓		134648	↓								
mw 13	↓	0850	↓		↓		134649	↓								
mw 16	↓	0916	↓		↓		134650	↓								
mw 17	↓	0932	↓		↓		134651	↓								
mw 18	↓	0930	↓		↓		134652	↓								
mw 20	↓	0955	↓		↓		134653	↓								

Analyses Requested (1) Please attach explanatory information as required

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's ... limit (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's ... ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 3.9°C

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

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

COC: 176 pg 2 of 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#: Trum 97-17 ED-2024 Sampler: Marcelo Campos

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B								Comments
mw 21	9/26/02	1016	2		X		134654	X								
mw 22	↓	1035	↓		↓		134655	↓								
mw 23	↓	1012	↓		↓		134656	↓								
mw 24	↓	1042	↓		↓		134657	↓								
mw 25	↓	1050	↓		↓		134658	↓								
mw 26	↓	0945	↓		↓		134659	↓								
mw 27	↓	0951	↓		↓		134660	↓								
mw 28	↓	0940	↓		↓		134661	↓								
EB-1	↓	1100	↓		↓		134662	↓								

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

Temp: 3.9°C

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

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

FILE

AnalySys

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

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

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

Report#/Lab ID#: 136464 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 1
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 09:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.33	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	2.37	95.59	99.04	103.11
Barium/ICP	0.131	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	3.06	93.94	100.82	101.19
Cadmium/ICP	0.006	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	2.2	95.29	100.94	104.95
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	3.51	86.82	102.3	119.03
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.94	86.29	99	103.24
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.271	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	2.27	104.62	101.46	102.36
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/25/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.5	74.7	107.9	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.8	77.6	106.6	69.3
Anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1	76.3	112.8	82.1

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 1

Report#/Lab ID#: 136464
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.5	84.2	116.5	82.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.8	80.3	111.6	79
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4	75.3	104.5	73.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.7	77.4	115	75.7
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	6.2	87.4	106.5	87.7
Chrysene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	3.1	85.5	119.2	84
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.3	77.3	115.2	75.7
Fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	0.6	96	117.1	101.9
Fluorene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	14.9	77	115.7	68.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.9	75.7	106.1	74.1
Naphthalene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	22	46.8	114.3	61.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.6	75.4	118.3	73.9
Pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4.3	81.9	119.6	79.6

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 1	**Report#/Lab ID#:** 136464 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.6	80-120	---
Toluene-d8	8260b	110	88-110	---
2-Fluorobiphenyl	8270c	51.7	43-116	---
Nitrobenzene-d5	8270c	38.8	35-114	---

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

Exceptions Report:

Report #/Lab ID#: 136464 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
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

☒ 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
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136465 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 2
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 09:43

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.401	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.36	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0064	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.45	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/25/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	15.5	74.7	107.9	67.1
Acenaphthylene	0.059	µg/L	0.05	<0.05	11/25/02	8270c	---	15.8	77.6	106.6	69.3
Anthracene	0.072	µg/L	0.05	<0.05	11/25/02	8270c	---	1	76.3	112.8	82.1

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 2

Report#/Lab ID#: 136465
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	0.068	µg/L	0.05	<0.05	11/25/02	8270c	---	2.5	84.2	116.5	82.2
Benzo[a]pyrene	0.054	µg/L	0.05	<0.05	11/25/02	8270c	---	2.8	80.3	111.6	79
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	4	75.3	104.5	73.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	1.7	77.4	115	75.7
Benzo[j,k]fluoranthene	0.061	µg/L	0.05	<0.05	11/25/02	8270c	---	6.2	87.4	106.5	87.7
Chrysene	0.057	µg/L	0.05	<0.05	11/25/02	8270c	---	3.1	85.5	119.2	84
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.3	77.3	115.2	75.7
Fluoranthene	0.079	µg/L	0.05	<0.05	11/25/02	8270c	---	0.6	96	117.1	101.9
Fluorene	0.038	µg/L	0.05	<0.05	11/25/02	8270c	---	14.9	77	115.7	68.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	1.9	75.7	106.1	74.1
Naphthalene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	22	46.8	114.3	61.9
Phenanthrene	0.097	µg/L	0.05	<0.05	11/25/02	8270c	---	2.6	75.4	118.3	73.9
Pyrene	0.051	µg/L	0.05	<0.05	11/25/02	8270c	---	4.3	81.9	119.6	79.6

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 2	**Report#/Lab ID#:** 136465 **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	---
2-Fluorobiphenyl	8270c	52.8	43-116	---
Nitrobenzene-d5	8270c	40.9	35-114	---
Terphenyl-d14	8270c	55.5	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136465 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: *TNM 97-17 EO 2024*
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 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
Acenaphthene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136466 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 10:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.235	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.116	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.0638	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/25/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.5	74.7	107.9	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.8	77.6	106.6	69.3
Anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	1	76.3	112.8	82.1

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 3

Report#/Lab ID#: 136466
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.5	84.2	116.5	82.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.8	80.3	111.6	79
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4	75.3	104.5	73.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.7	77.4	115	75.7
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	6.2	87.4	106.5	87.7
Chrysene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	3.1	85.5	119.2	84
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.3	77.3	115.2	75.7
Fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	0.6	96	117.1	101.9
Fluorene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	14.9	77	115.7	68.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.9	75.7	106.1	74.1
Naphthalene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	22	46.8	114.3	61.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.6	75.4	118.3	73.9
Pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4.3	81.9	119.6	79.6

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 3	**Report#/Lab ID#:** 136466 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.4	80-120	---
Toluene-d8	8260b	110	88-110	---
2-Fluorobiphenyl	8270c	49.5	43-116	---
Nitrobenzene-d5	8270c	44.6	35-114	---
Terphenyl-d14	8270c	58.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136466 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Cadmium/ICP	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Phenanthrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136467 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 11
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 10:40

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.159	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.369	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	J	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.124	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	J	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/25/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.5	74.7	107.9	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.8	77.6	106.6	69.3
Anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1	76.3	112.8	82.1

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 11

Report#/Lab ID#: 136467
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.5	84.2	116.5	82.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.8	80.3	111.6	79
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4	75.3	104.5	73.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.7	77.4	115	75.7
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	6.2	87.4	106.5	87.7
Chrysene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	3.1	85.5	119.2	84
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.3	77.3	115.2	75.7
Fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	0.6	96	117.1	101.9
Fluorene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	14.9	77	115.7	68.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.9	75.7	106.1	74.1
Naphthalene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	22	46.8	114.3	61.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.6	75.4	118.3	73.9
Pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4.3	81.9	119.6	79.6

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 11	**Report#/Lab ID#:** 136467 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.3	80-120	---
Toluene-d8	8260b	106	88-110	---
2-Fluorobiphenyl	8270c	49.9	43-116	---
Nitrobenzene-d5	8270c	41.5	35-114	---
Terphenyl-d14	8270c	56.7	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136467 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 11

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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
Cadmium/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Silver/GFAA	J	See J-flag discussion above.
Phenanthrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136468 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 12
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 11:04

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.141	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.285	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.0795	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	J	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/25/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.5	74.7	107.9	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.8	77.6	106.6	69.3
Anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1	76.3	112.8	82.1

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 12

Report#/Lab ID#: 136468
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.5	84.2	116.5	82.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.8	80.3	111.6	79
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4	75.3	104.5	73.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.7	77.4	115	75.7
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	6.2	87.4	106.5	87.7
Chrysene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	3.1	85.5	119.2	84
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.3	77.3	115.2	75.7
Fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	0.6	96	117.1	101.9
Fluorene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	14.9	77	115.7	68.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.9	75.7	106.1	74.1
Naphthalene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	22	46.8	114.3	61.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.6	75.4	118.3	73.9
Pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4.3	81.9	119.6	79.6

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 12	**Report#/Lab ID#:** 136468 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.5	80-120	---
Toluene-d8	8260b	104	88-110	---
2-Fluorobiphenyl	8270c	48.2	43-116	---
Nitrobenzene-d5	8270c	49.6	35-114	---
Terphenyl-d14	8270c	59	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136468 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 12

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Cadmium/ICP	J	See J-flag discussion above.
Silver/GFAA	J	See J-flag discussion above.
Phenanthrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136469 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 13
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.202	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.958	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	0.0392	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.144	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	J	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/25/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.5	74.7	107.9	67.1
Acenaphthylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	15.8	77.6	106.6	69.3
Anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	1	76.3	112.8	82.1

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 13

Report#/Lab ID#: 136469
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.5	84.2	116.5	82.2
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.8	80.3	111.6	79
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4	75.3	104.5	73.2
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.7	77.4	115	75.7
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	6.2	87.4	106.5	87.7
Chrysene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	3.1	85.5	119.2	84
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	2.3	77.3	115.2	75.7
Fluoranthene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	0.6	96	117.1	101.9
Fluorene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	14.9	77	115.7	68.2
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	1.9	75.7	106.1	74.1
Naphthalene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	22	46.8	114.3	61.9
Phenanthrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	J	2.6	75.4	118.3	73.9
Pyrene	<0.05	µg/L	0.05	<0.05	11/25/02	8270c	---	4.3	81.9	119.6	79.6

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 13	**Report#/Lab ID#:** 136469 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.4	80-120	---
Toluene-d8	8260b	95	88-110	---
2-Fluorobiphenyl	8270c	51.9	43-116	---
Nitrobenzene-d5	8270c	52.7	35-114	---
Terphenyl-d14	8270c	62.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136469 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 13

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
Cadmium/ICP	J	See J-flag discussion above.
Silver/GFAA	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Phenanthrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136470 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 16
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 12:46

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.381	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.675	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0063	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.25	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	J	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	12/01/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 16

Report#/Lab ID#: 136470
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.5	87.3	119.4	86.4
Naphthalene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 16	**Report#/Lab ID#:** 136470 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93	80-120	---
Toluene-d8	8260b	104	88-110	---
2-Fluorobiphenyl	8270c	46.1	43-116	---
Nitrobenzene-d5	8270c	52.7	35-114	---
Terphenyl-d14	8270c	71	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136470 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 16

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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
Silver/GFAA	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136471 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 17
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 12:28

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.468	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.483	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0073	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	J	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.356	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	0.0033	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	12/01/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	0.33	µg/L	0.05	<0.05	12/01/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	0.502	µg/L	0.05	<0.05	12/01/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	0.427	µg/L	0.05	<0.05	12/01/02	8270c	---	0.9	70.2	94.5	80

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 17

Report#/Lab ID#: 136471
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Benzo[a]anthracene	0.213	µg/L	0.05	<0.05	12/01/02	8270c	---	2	92	118	93.6
Benzo[a]pyrene	0.578	µg/L	0.05	<0.05	12/01/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	1.48	µg/L	0.05	<0.05	12/01/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	0.541	µg/L	0.05	<0.05	12/01/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	1.06	µg/L	0.05	<0.05	12/01/02	8270c	---	1.2	96.8	115	98.5
Chrysene	0.769	µg/L	0.05	<0.05	12/01/02	8270c	---	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	0.319	µg/L	0.05	<0.05	12/01/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	0.42	µg/L	0.05	<0.05	12/01/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	0.594	µg/L	0.05	<0.05	12/01/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	0.46	µg/L	0.05	<0.05	12/01/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	0.263	µg/L	0.05	<0.05	12/01/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	1.4	µg/L	0.05	<0.05	12/01/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	0.486	µg/L	0.05	<0.05	12/01/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 17	**Report#/Lab ID#:** 136471 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.4	80-120	---
Toluene-d8	8260b	99.7	88-110	---
2-Fluorobiphenyl	8270c	70.3	43-116	---
Nitrobenzene-d5	8270c	65.9	35-114	---
Terphenyl-d14	8270c	76.1	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136471 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 17

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
Chromium/ICP	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136472 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 18
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.252	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.36	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	J	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.11	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	12/01/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 18

Report#/Lab ID#: 136472
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	0.052	µg/L	0.05	<0.05	12/01/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/01/02	8270c	J	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 136472
Attn: Ken Dutton	**Sample Name:** MW 18	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.8	80-120	---
Toluene-d8	8260b	104	88-110	---
2-Fluorobiphenyl	8270c	49.2	43-116	---
Nitrobenzene-d5	8270c	54.2	35-114	---
Terphenyl-d14	8270c	76	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136472 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 18

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
Cadmium/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Pyrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136473 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 20
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 16:31

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.381	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.938	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0054	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.0931	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	11/29/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	502	µg/L	100	<100	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	136	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	2.87	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	0.149	µg/L	0.05	<0.05	11/29/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	0.127	µg/L	0.05	<0.05	11/29/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	0.9	70.2	94.5	80

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 20

Report#/Lab ID#: 136473
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	J	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	1.63	µg/L	0.05	<0.05	11/29/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	9.36	µg/L	0.05	<0.05	11/29/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	1.1	µg/L	0.05	<0.05	11/29/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	11/29/02	8270c	J	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 20	**Report#/Lab ID#:** 136473 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.6	80-120	---
Toluene-d8	8260b	107	88-110	---
2-Fluorobiphenyl	8270c	61.7	43-116	---
Nitrobenzene-d5	8270c	57.6	35-114	---
Terphenyl-d14	8270c	54	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136473 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 20

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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
Chrysene	J	See J-flag discussion above.
Pyrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136474 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 21
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 16:07

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.35	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.873	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0065	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	0.03	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.161	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	0.0026	mg/L	0.002	<0.002	11/20/02	272.2&7761	---	4.12	89.91	87.5	118
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	82.3	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	65	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	2.88	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.8	70.8	99.4	67.2
Acenaphthylene	0.547	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 21

Report#/Lab ID#: 136474
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	0.218	µg/L	0.05	<0.05	12/05/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	1.36	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	0.078	µg/L	0.05	<0.05	12/05/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	0.054	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 21	**Report#/Lab ID#:** 136474 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.6	80-120	---
Toluene-d8	8260b	110	88-110	---
2-Fluorobiphenyl	8270c	49.4	43-116	---
Nitrobenzene-d5	8270c	61.7	35-114	---
Terphenyl-d14	8270c	89	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136474 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 21

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Acenaphthene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136475 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 22
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 13:21

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.414	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.257	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0065	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	J	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.12	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	J	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 22

Report#/Lab ID#: 136475
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 22	**Report#/Lab ID#:** 136475 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.5	80-120	---
Toluene-d8	8260b	108	88-110	---
2-Fluorobiphenyl	8270c	54.7	43-116	---
Nitrobenzene-d5	8270c	58.2	35-114	---
Terphenyl-d14	8270c	50.3	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136475 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 22

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ 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
Chromium/ICP	J	See J-flag discussion above.
Benzene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136476 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 23
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.285	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.747	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0051	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	0.6134	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.0729	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/18/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/18/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/18/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/18/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/18/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 23

Report#/Lab ID#: 136476
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.5	87.3	119.4	86.4
Naphthalene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	0.9	62.4	115.6	60
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 23	**Report#/Lab ID#:** 136476 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.1	80-120	---
Toluene-d8	8260b	106	88-110	---
2-Fluorobiphenyl	8270c	53.2	43-116	---
Nitrobenzene-d5	8270c	68.5	35-114	---
Terphenyl-d14	8270c	71.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136476 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 23

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ 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
Acenaphthene	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Naphthalene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:

AnalySys

3512 Montopolis Drive, Austin, TX 78744 &
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#: 136477 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 24
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 14:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.197	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.466	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	0.0246	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.105	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	J	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 24

Report#/Lab ID#: 136477
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group	**Project ID:** TNM 97-17 EO 2024	**Report#/Lab ID#:** 136477
Attn: Ken Dutton	**Sample Name:** MW 24	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.3	80-120	---
Toluene-d8	8260b	102	88-110	---
2-Fluorobiphenyl	8270c	49	43-116	---
Nitrobenzene-d5	8270c	57.5	35-114	---
Terphenyl-d14	8270c	77.8	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136477 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 24

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
Cadmium/ICP	J	See J-flag discussion above.
Silver/GFAA	J	See J-flag discussion above.
Benzo[a]anthracene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136478 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 25
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.268	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.162	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.0881	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 25

Report#/Lab ID#: 136478
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 25	**Report#/Lab ID#:** 136478 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.3	80-120	---
Toluene-d8	8260b	100	88-110	---
2-Fluorobiphenyl	8270c	49.1	43-116	---
Nitrobenzene-d5	8270c	62.8	35-114	---
Terphenyl-d14	8270c	68.3	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136478 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 25

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Cadmium/ICP	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Pyrene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136479 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 26
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 15:47

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.356	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.276	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	J	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.0954	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	85.4	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	22.2	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	J	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	J	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1
Acenaphthene	0.152	µg/L	0.05	<0.05	12/05/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	0.088	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 26

Report#/Lab ID#: 136479
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	0.836	µg/L	0.05	<0.05	12/05/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	0.198	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	0.137	µg/L	0.05	<0.05	12/05/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 26	**Report#/Lab ID#:** 136479 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.3	80-120	---
Toluene-d8	8260b	109	88-110	---
2-Fluorobiphenyl	8270c	50	43-116	---
Nitrobenzene-d5	8270c	58.1	35-114	---
Terphenyl-d14	8270c	79.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136479 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 26

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Cadmium/ICP	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Chrysene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136480 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 27
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 15:20

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]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/21/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.655	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.28	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0103	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/22/02	245.1&7470	---	6.06	96.97	101	103.33
Selenium/ICP	0.164	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	2.09	µg/L	1	<1	11/19/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	7.14	µg/L	1	<1	11/19/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM 97-17 EO 2024
Sample Name: MW 27

Report#/Lab ID#: 136480
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2	92	118	93.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	86.4	114.8	90.9
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	86.2	111.2	87.4
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	89.4	116.7	88.9
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.2	96.8	115	98.5
Chrysene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	J	2.4	98	117.8	99.4
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	88.8	115	87.6
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.5	104.6	113.1	112.3
Fluorene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	3.1	80.8	100.3	76.5
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.5	87.3	119.4	86.4
Naphthalene	0.14	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	62.4	115.6	60
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.7	76.2	95.1	77.1
Pyrene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	2.4	91.9	104.2	95.2

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 27	**Report#/Lab ID#:** 136480 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.7	80-120	---
Toluene-d8	8260b	101	88-110	---
2-Fluorobiphenyl	8270c	48.1	43-116	---
Nitrobenzene-d5	8270c	66.6	35-114	---
Terphenyl-d14	8270c	75	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136480 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 27

Sample Temperature/Condition <=6°C

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

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
Benzo[a]anthracene	J	See J-flag discussion above.
Chrysene	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 136481 **Report Date:** 12/09/02
Project ID: TNM 97-17 EO 2024
Sample Name: MW 28
Sample Matrix: water
Date Received: 11/15/2002 **Time:** 08:10
Date Sampled: 11/12/2002 **Time:** 15:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	11/19/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	11/25/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	11/19/02	3015	---	---	---	---	---
Arsenic/ICP	0.432	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.57	101.11	99.8	111.76
Barium/ICP	0.315	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	1.39	102.87	100.5	116.58
Cadmium/ICP	0.0068	mg/L	0.005	<0.005	11/20/02	6010 & 200.7	---	0.49	100.62	99.88	113.81
Chromium/ICP	<0.01	mg/L	0.01	<0.01	11/20/02	6010 & 200.7	---	0.11	98.34	102.5	116.67
Lead/ICP	<0.02	mg/L	0.02	<0.02	11/20/02	6010 & 200.7	---	0.71	74.15	99.76	112.52
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	11/26/02	245.1&7470	---	4.04	102.02	93	100
Selenium/ICP	0.179	mg/L	0.05	<0.05	11/20/02	6010 & 200.7	---	0.61	102.17	100.72	112.16
Silver/GFAA	<0.002	mg/L	0.002	<0.002	11/21/02	272.2&7761	---	2.45	93.58	95	117
Extractable organics-PAH	---	---	---	---	12/05/02	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/19/02	8260b	---	1.4	71.4	97	74
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	0.7	110.7	108.7	114
m,p-Xylenes	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	112.4	107.8	115
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	---	1.1	106.1	98.1	108.9
Toluene	<1	µg/L	1	<1	11/19/02	8260b	---	11.3	115.1	100.5	117.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.8	70.8	99.4	67.2
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	1.6	71.8	92.4	67.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/05/02	8270c	---	0.9	70.2	94.5	80

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.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** TNM 97-17 EO 2024 **Sample Name:** MW 28	**Report#/Lab ID#:** 136481 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.8	80-120	---
Toluene-d8	8260b	104	88-110	---
2-Fluorobiphenyl	8270c	50	43-116	---
Nitrobenzene-d5	8270c	53.4	35-114	---
Terphenyl-d14	8270c	76.2	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 136481 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: TNM 97-17 EO 2024
Sample Name: MW 28

Sample Temperature/Condition <=6°C

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

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
Benzo[a]anthracene	J	See J-flag discussion above.

Notes:

CHAIN-OF-CUSTODY

WWW.ANALYSYSINC.COM CC: 184

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744
Phone: (512) 385-5886 Fax: (512) 385-7411
2209 N.P.I.D., Ste K, Corpus Christi, TX 7840
Phone: (361) 289-6384 Fax: (361) 289-0875

Send Reports To:
Company Name E.T.G.I
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Ken Dutton
Phone 505-397-48:2 Fax 505-397-4781

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TNM 97-17 EO-2824 Sampler: Mark Campbell

Analyses Requested (1)
Please attach explanatory information as require

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	B.R.O. Metal 6010	VAH 8100	BTEX 8020	Comments
mw 1	11/12/02	0915	5		X		136464	X	X	X	
mw 2		0943					136465				
mw 3		1005					136466				
mw 11		1040					136467				
mw 12		1104					136468				
mw 13		1140					136469				
mw 16		1241					136470				
mw 17		1228					136471				

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

T = 5 7°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Mark Campo	E.T.G.I	11/13/02	1630	[illegible]	ASI	11/15/02	0810

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

CHAIN-OF-CUSTODY

WWW.ANALYSYSINC.COM COC: 784

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78744
Phone: (512) 385-5886 Fax: (512) 385-7411
2209 N.P.I.D., Ste K, Corpus Christi, TX 7840
Phone: (361) 289-6384 Fax: (361) 289-0875

Send Reports to:
Company Name E.T.G.I.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: K. Dutton
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#: TNM 07-17 EO-2021 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)	VOA's	Total Lead	PAH 8270	BTEX 8020	Comments
mw 8	11/12/02	1340	5		X		136472	X	X	X		
mw 20		1631					136473					
mw 21		1617					136474					
mw 22		1321					136475					
mw 23		1345					136476					
mw 24		1405					136477					
mw 25		1435					136478					
mw 26		1547					136479					
mw 27		1520					136480					
mw 28		1505					136481					

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

T = 5.8°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E.T.G.I.	11/13/02	16:45	[illegible]	ASI	11/15/02	0810

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