AP - 009

ANNUAL MONITORING REPORT

YEAR(S): 2004

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor

April 28, 2004

Joanna Prukop
Cabinet Secretary
Acting Director
Oil Conservation Division

Mr. Robert B. Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88240

RE: Your "Annual Sampling and Quarterly Gauging of Groundwater Monitor Wells Meeting Regulatory Cleanup Standards" letter dated March 25, 2004

Sampling of the below-listed monitor wells may be done in the timeframes indicated:

Darr Angell #1: MW-4, 11, 15, 16, 19, and 20 may be sampled annually; MW-7 may be sampled semi-annually.
Darr Angell #2: MW-1, 5, 6, 7, 8, 9, and 10 may be sampled annually; MW-3, and 4 may be sampled semi-annually.
Darr Angell #4: MW-1, 2, 4, 5, 7, and 12 may be sampled annually; MW-9 may be sampled semi-annually.
HDO 90-23: MW-1, 7, and 8 may be sampled annually; MW-4, and 5 may be sampled semi-annually.
LF-37: MW-1, 2, 5, 6, 7, 8, and 9 may be sampled annually; MW-4 may be sampled semi-annually.
LF-59: MW-3, 5, and 6 may be sampled annually; MW-7 may be sampled semi-annually.
Monument 2: MW-6, and 7 may be sampled annually; MW-4 may be sampled semi-annually.
Monument 10: MW-4 may be sampled annually; MW-6, and 7 may be sampled semi-annually.
Monument 11: MW-1, 2, and 3 may be sampled annually.
Monument 17: MW-5, and 8 may be sampled annually. MW-4, and 6 may be sampled semi-annually.
Monument 18: MW-2, 6, 7, and 8 may be sampled annually. MW-5 may be sampled semi-annually.
TNM 97-04: MW-1, 7, 8, 10, and 12 may be sampled annually.
TNM 97-17: MW-1, 3, 11, 12, 13, 16, 17, 18, and 28 may be sampled annually. MW-22, 23, 24, 25, and 27 may be sampled semi-annually.
TNM 97-18: MW-1, 8, 9, 11, 12, 13, 14, 15, 16, 19, 20, and 21 may be sampled annually. MW-22, 26, 28, 29, and 30 may be sampled semi-annually.
TNM 97-23: MW-1, 2, 3, and 5 may be sampled annually.
TNM 98-05: MW-3, and 4 may be sampled annually.
TNM 98-05A: MW-5, and 8 may be sampled annually. MW-6, and 7 may be sampled semi-annually.
SPS-11: MW-2, 3, 13, 19, 20, 21, 22, 25, 27, 30, and 31 may be sampled annually. MW-10, and 18 may be sampled semi-annually.

Conditions:

1. Gauging of all monitor wells will continue on a quarterly basis.
2. A request for a change in sampling frequency for any other monitor wells must be made specifically for those wells. This approval of annual and semi-annual sampling for the above wells does not constitute a "blanket" approval for any other monitor well not shown above.

If you have any questions, do not hesitate to contact me.

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin
Environmental Bureau

DRAFT

March 25, 2004

Mr. Ed Martin
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Annual sampling and quarterly gauging of groundwater monitor wells meeting regulatory cleanup standards.

Mr. Martin:

Environmental Technology Group, Inc. (ETGI) for Link Energy is requesting that the groundwater sampling schedule of the wells listed below be changed from a quarterly to an annual sampling schedule. Quarterly gauging will continue on all site monitor wells during the regularly scheduled monitoring events. Benzene and total BTEX concentrations have been below regulatory standards in all of the monitor wells listed below for at least eight consecutive monitoring periods:

HDO 90-23: MW-1, 4, 5, 7 and 8;
LF-37: MW-1, 2, 4, 5, 6, 7, 8 and 9;
LF-59: MW-3, 5, 6 and 7;
Monument 2: MW-4, 6 and 7;
Monument 10: MW-1, 4, 5, 6 and 7;
Monument 11: MW-1, 2 and 3;
Monument 17: MW-4, 5, 6 and 8;
Monument 18: MW-2, 5, 6, 7 and 8;
TNM 97-04: MW-1, 7, 8, 10 and 12;
TNM97-17: MW-1, 3, 11, 12, 13, 16, 17, 18, 22, 23, 24, 25, 27 and 28;
TNM 97-18: MW-1; + E-mail
TNM 97-23: MW-1, 2, 3 and 5;
TNM 98-05: MW-3 and 4;
TNM 98-05A: MW-5, 6, 7 and 8;
SPS-11: MW-2, 3, 13, 15, 18, 19, 20, 21, 22, 25, 27, 30 and 31. + E-mail (#10)

As additional monitor wells meet the eight consecutive monitoring events requirement with concentrations below regulatory standards we will formally request that they too be sampled on an annual basis.

Please contact me with any questions you have concerning ETGI's proposed groundwater sampling schedule at these sites.

Sincerely;

Robert B. Edison
Geologist / Senior Project Manager
ETGI, Hobbs, New Mexico

(505) 397-4882 office phone
(505) 631-2974 cell
(505) 397-4701 fax

From: Robert Eidson [reidson@etgi.cc]
Sent: Tuesday, April 27, 2004 10:53 AM
To: Ed Martin
Subject: Groundwater sampling frequency letter

Ed:
The letter is attached for your reference.

Tabulated analytical results are included in all of the Annual Groundwater Monitoring reports. The Figure 3's should also be helpful in determining sampling frequency changes. Of those sites which show only seven consecutive quarters of acceptable groundwater sampling results, I checked the first quarter results of this year to meet the requirement (8). All wells will continue to be gauged during each sampling event.

At the **Darr Angell 1 site (AP-07)** we would like to sample monitor wells MW-4, 7, 11, 15, 16, 19 and 20 annually.
At the **Darr Angell 2 site (AP-07)** we would like to sample monitor wells MW-1, 3, 4, 5, 6, 7, 8, 9 and 10 annually.
At the **Darr Angell 4 site (AP-07)** we would like to sample monitor wells MW-1, 2, 4, 5, 7, 9 and 12 annually.

Additionally, we would like to add the following monitor wells to the list shown on the attached letter:

At **TNM 97-18 (AP-13)** monitor wells MW-8, 9, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 26, 28, 29 and 30. and SPS-11.
At **SPS-11** monitor wells MW-10 and MW-19.

I will send the corresponding maps in groups to speed transmission and delivery.
Sincerely,
Robert B. Eidson
Geologist / Sr. Project Manager
ETGI
Hobbs, New Mexico
505-397-4882 office
505-397-4701 fax
505-631-2974 cell

ANNUAL MONITORING REPORT

HDO 90-23

LEA COUNTY, NEW MEXICO
NE4 NW4 SECTION 6, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LINK ENERGY LEAK NUMBER: TNM HDO-90-23
ETGI PROJECT NUMBER: LI 2019

PREPARED FOR:

LINK ENERGY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

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

April 2004

Robert B. Eidson
Geologist / Senior Project Manager

Carmella Reynolds for Todd Choban
Todd Choban
Regional Manager

ANNUAL MONITORING REPORT

HDO 90-23

LEA COUNTY, NEW MEXICO
NE4 NW4 SECTION 6, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LINK ENERGY LEAK NUMBER: TNM HDO-90-23
ETGI PROJECT NUMBER: LI 2019

PREPARED FOR:

LINK ENERGY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

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

April 2004

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INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of Link Energy (Link), has 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 conducted in calendar year 2003 only. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during four quarterly events in calendar year 2003 to assess the levels and extent of dissolved phase and Phase-Separated 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 a thickness of PSH greater than 0.01 foot were not sampled.

FIELD ACTIVITIES

Two product recovery wells and seven additional groundwater monitor wells (RW-1, RW-2, and MW-9 through MW-15) were installed between December 18, 2002 and January 3, 2003 to complete delineation of impacted groundwater on-site. Initial groundwater testing of the monitor wells consisting of analysis for Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations, semivolatile organic compounds (PAH), major cations and anions, Total Dissolved Solids (TDS) and New Mexico Water Quality Control Commission (WQCC) metals was conducted on January 10, 2003. All of the monitor wells were gauged and sampled on February 10-11, May 15, August 26 and November 24, 2003. In accordance with the NMOCD letter dated January 4, 2000, additional groundwater samples were collected during the November monitoring event and analyzed for concentrations of PAH, major cations and anions, TDS and WQCC metals. During each sampling event the monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Vista Trucking, Eunice, New Mexico from February through September 2003 and Lobo Trucking, Hobbs, New Mexico between October and December 2003 utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, constructed from measurements collected during the quarterly monitoring events are depicted on Figures 2A-2D, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided in Table 1. Groundwater elevation contours generated from water level measurements acquired during the quarterly monitoring events of 2003, indicated a general gradient of approximately 0.001 ft./ft. to the southeast as measured between groundwater monitor wells MW-1 and MW-5.

The depth to groundwater as measured from the top of the well casing ranged between 45.76 to 48.94 feet in the shallow alluvial aquifer.

Measurable thicknesses of PSH were detected in monitor wells MW-2, MW-6, MW-14 and recovery well RW-1 during the 2003 monitoring period. Maximum thicknesses of 0.68 foot in monitor well MW-2, 1.90 feet in monitor well MW-6, 0.58 foot in monitor well MW-14 and 0.01 foot in recovery well RW-1 were recorded during gauging events and are shown in Table 1. Approximately 740 gallons of PSH have been recovered from this site since project inception. During this reporting period, approximately 228 gallons of PSH were recovered from the site. Recovered PSH was reintroduced into the Link transportation system at the Lea Station Facility, Monument, New Mexico.

LABORATORY RESULTS

Groundwater samples collected during the sampling events were delivered to AnalySys, Inc. in Austin, Texas for determination of BTEX constituent concentrations by EPA Method SW846-8260b, TDS using EPA Method SW 846-160.1, WQCC metals using EPA Method SW 846-6010 and 200.7, PAH using EPA Method SW 846-8270c, chlorides using EPA Method SW 846-9253, and major cations and anions using EPA Methods SW 846-375.4, 325.3 and 310. A cumulative listing of BTEX constituent concentrations is summarized in Table 2. Results of WQCC metals analysis on groundwater samples obtained during the 2003 reporting period are summarized in Table 3. Results of semi-volatile constituent analysis on groundwater samples obtained during the 2003 reporting period are summarized in Table 4. Results of analysis for major cations and anions in groundwater samples obtained during the 2003 reporting period are summarized in Table 5. Copies of the laboratory reports generated during this reporting period are provided as Appendix A. The inferred extent of PSH and quarterly groundwater sample results for benzene and total BTEX concentrations are depicted on Figure 3, the Groundwater Concentration Maps.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the monitoring period indicate that benzene and BTEX constituent concentrations are below applicable NMOCD regulatory standards in monitor wells MW-1, MW-4, MW-5, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13 and MW-15. The benzene constituent concentration in monitor well MW-14 and recovery well RW-2 exceeded the NMOCD regulatory standard during the reporting period. Benzene and total BTEX concentrations in monitor wells MW-2, MW-3 and recovery well RW-1 exceeded the applicable NMOCD regulatory standards during the reporting period. However, measurable thicknesses of PSH were recorded in monitor wells MW-2, MW-6, MW-14 and recovery well RW-1 during the reporting period. Analytical results generated from WQCC metals sampling indicate constituents above NMOCD regulatory standards for aluminum, barium, chromium, iron, manganese and boron as shown on Table 3. Analytical results generated from semi-volatile sampling indicate constituents above NMOCD regulatory standards for benzo-a-pyrene and naphthalene as shown on Table 4.

SUMMARY

This report presents the results of groundwater monitoring activities for the annual monitoring period 2003. Measurable thicknesses of PSH were detected in monitor wells MW-2, MW-6, MW-14 and recovery well RW-1 during the annual monitoring period. Maximum thicknesses of 0.68 foot in monitor well MW-2, 1.90 feet in monitor well MW-6, 0.58 foot in monitor well MW-14 and 0.01 foot in recovery well RW-1 were recorded during gauging events and are shown in Table 1. Approximately 740 gallons of PSH have been recovered from this site since project inception. During this reporting period, approximately 228 gallons of PSH were recovered from the site. Recovered PSH was reintroduced into the Link transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly monitoring events of 2003, indicated a general gradient of approximately 0.001 to the southeast as measured between groundwater monitor wells MW-1 and MW-5.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the monitoring period indicate that benzene and total BTEX constituent concentrations are below applicable NMOCD regulatory standards in monitor wells MW-1, MW-4, MW-5, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13 and MW-15. The benzene constituent concentration in monitor well MW-14 and recovery well RW-2 exceeded the NMOCD regulatory standard during the reporting period. Benzene and total BTEX concentrations in monitor wells MW-2, MW-3 and recovery well RW-1 exceeded the applicable NMOCD regulatory standards during the reporting period. However, measurable thicknesses of PSH were recorded in monitor wells MW-2, MW-6, MW-14 and recovery well RW-1 during the reporting period. Analytical results generated from WQCC metals sampling indicate constituents above NMOCD regulatory standards for aluminum, barium, chromium, iron, manganese and boron as shown on Table 3. Analytical results generated from semi-volatile sampling indicate constituents above NMOCD regulatory standards for benzo-a-pyrene and naphthalene as shown on Table 4.

Groundwater sampling results from samples collected at monitor wells MW-1, MW-4, MW-5, MW-7 and MW-8 have not exceeded the NMOCD regulatory standards for benzene or total BTEX concentrations for at least eight consecutive monitoring events. At this time, we are requesting that the above referenced monitor wells be gauged quarterly but sampled annually, until conditions for site closure are met. Two to three additional groundwater monitor wells will be installed in positions east of MW-3 and southeast of MW-14 to complete groundwater delineation action.

DISTRIBUTION

Copy 1 & 2: William C. Olson and Ed Martin
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: Jeff Dann
Link Energy
2000 W. Sam Houston Parkway
Suite 400
Houston, Texas 77042

Copy 5: Jimmy Bryant
Link Energy
5805 Highway 80 East
Midland, Texas 79701

Copy 6: Environmental Technology Group, Inc.
4600 W. Wall
Midland, Texas 79703

Copy 7: Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, New Mexico 88240

Copy Number_____

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Quality Control Review

FIGURES

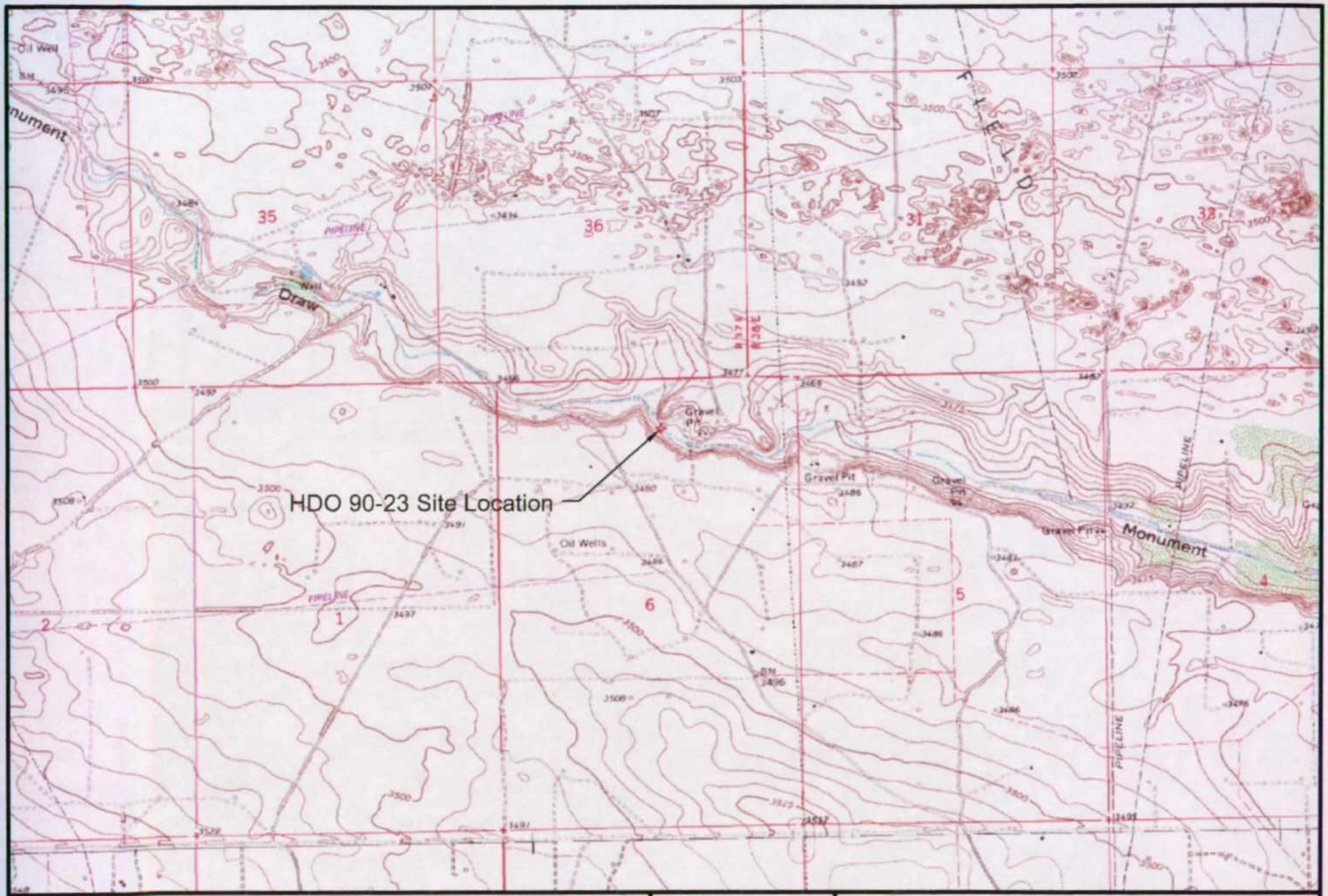
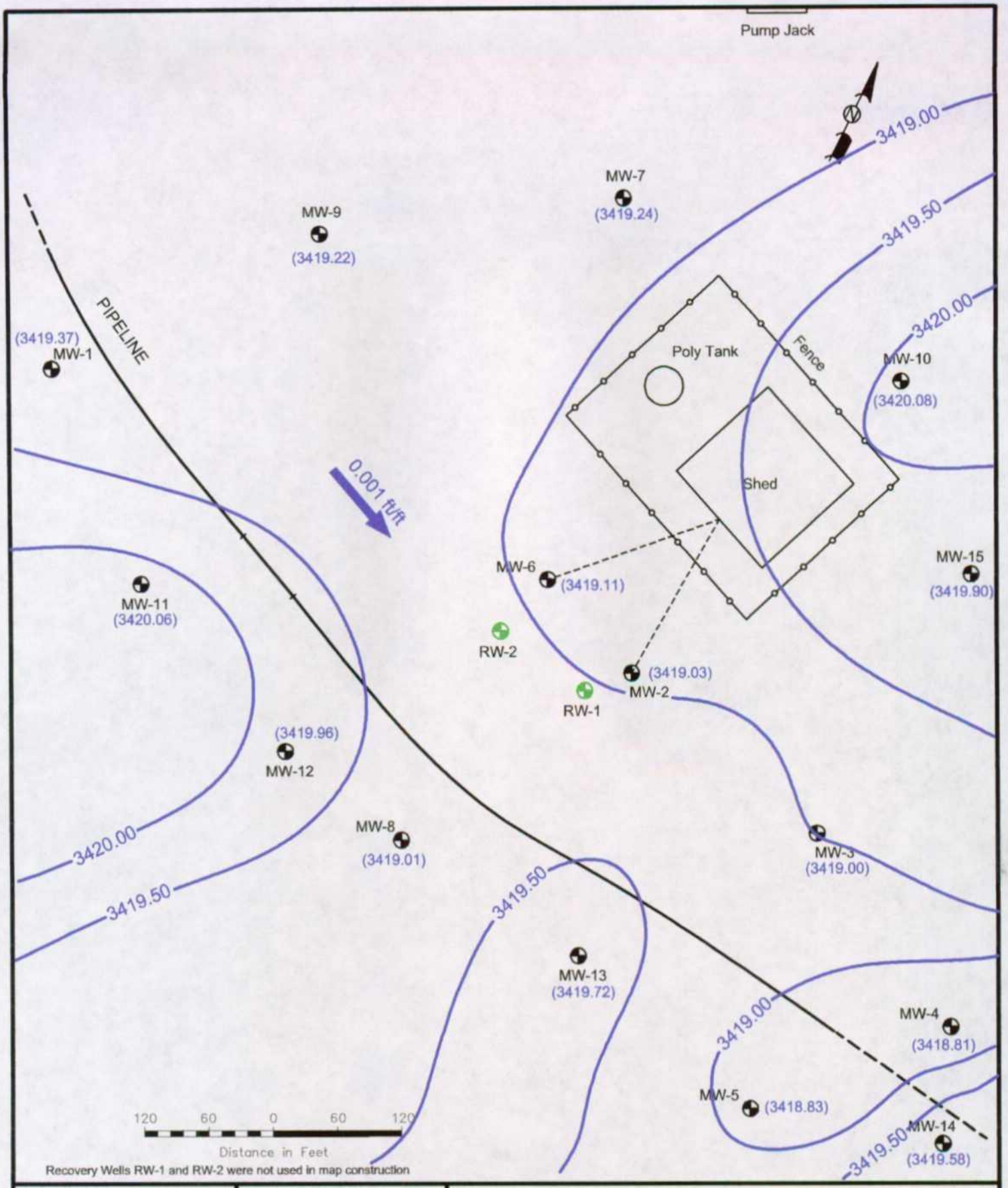


Figure 1
Site Location Map

EOTT Energy Corp.
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

NE1/4 NW1/4 Sec 6 T20S R37E		ETGI Project #: EO2019
Scale: NTS	Prep By: BJN	Checked By: CR
February 11, 2003	Lat. 32° 31' 11.0"N Long. 103° 12' 02.4"W	



Recovery Wells RW-1 and RW-2 were not used in map construction

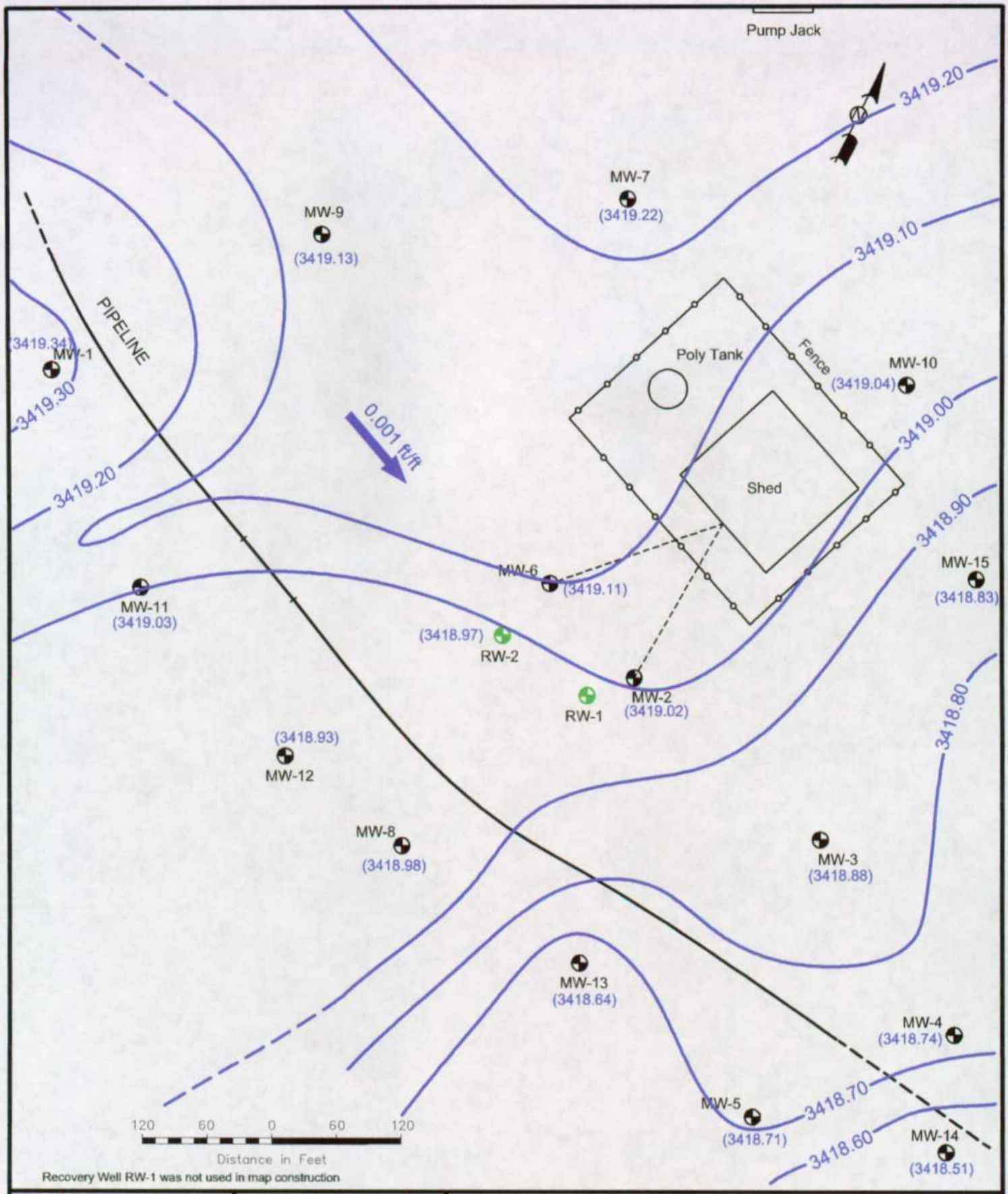
LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour
- (3419.72) Groundwater Elevation in feet
- Inferred Groundwater Gradient and Magnitude

Figure 2A
Inferred Groundwater Gradient Map
(2/10/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: CS	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	



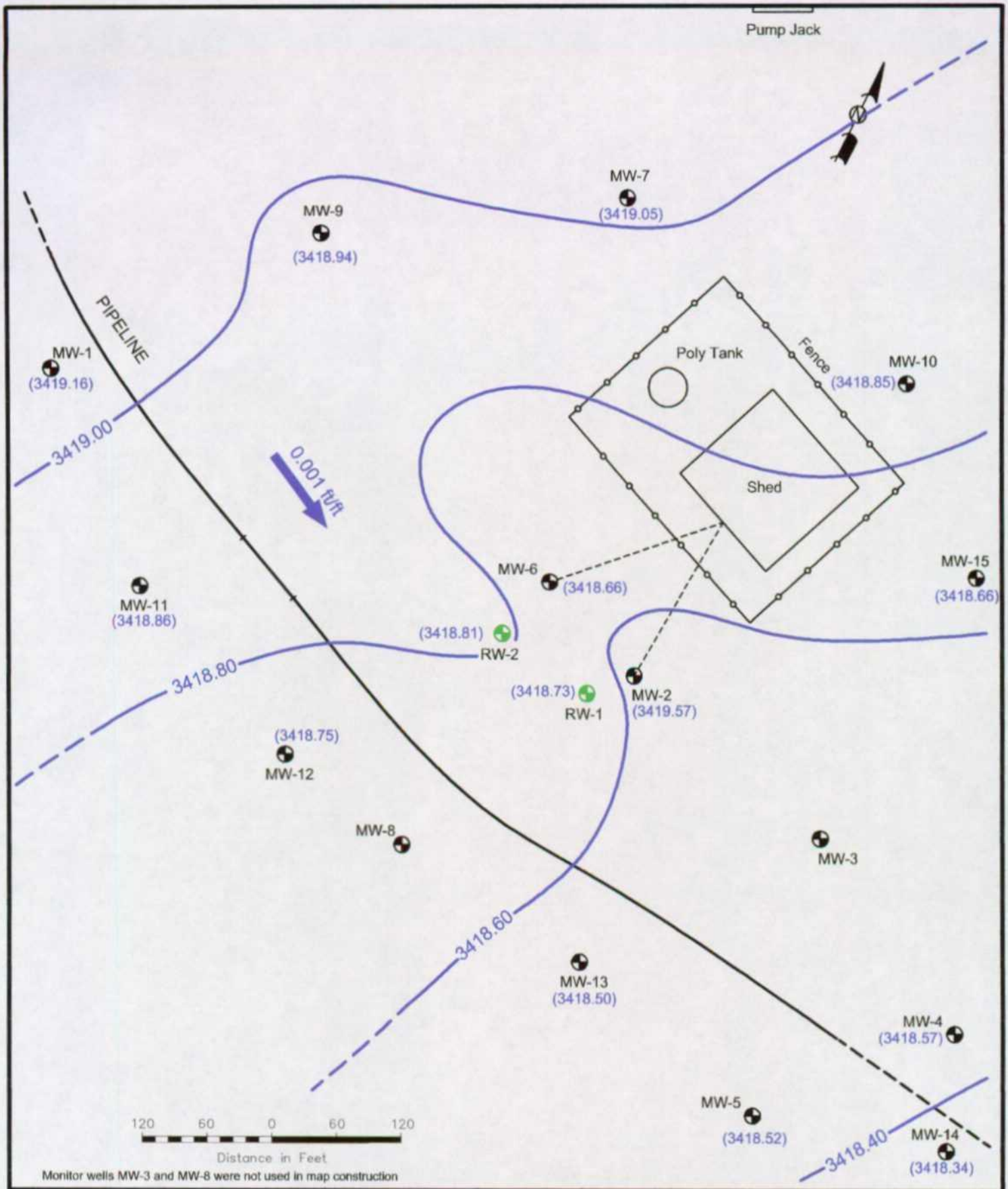
Recovery Well RW-1 was not used in map construction

LEGEND:
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour
- (3418.72) Groundwater Elevation in feet
- Inferred Groundwater Gradient and Magnitude

Figure 2B
Inferred Groundwater Gradient Map
(5/15/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: CS	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	



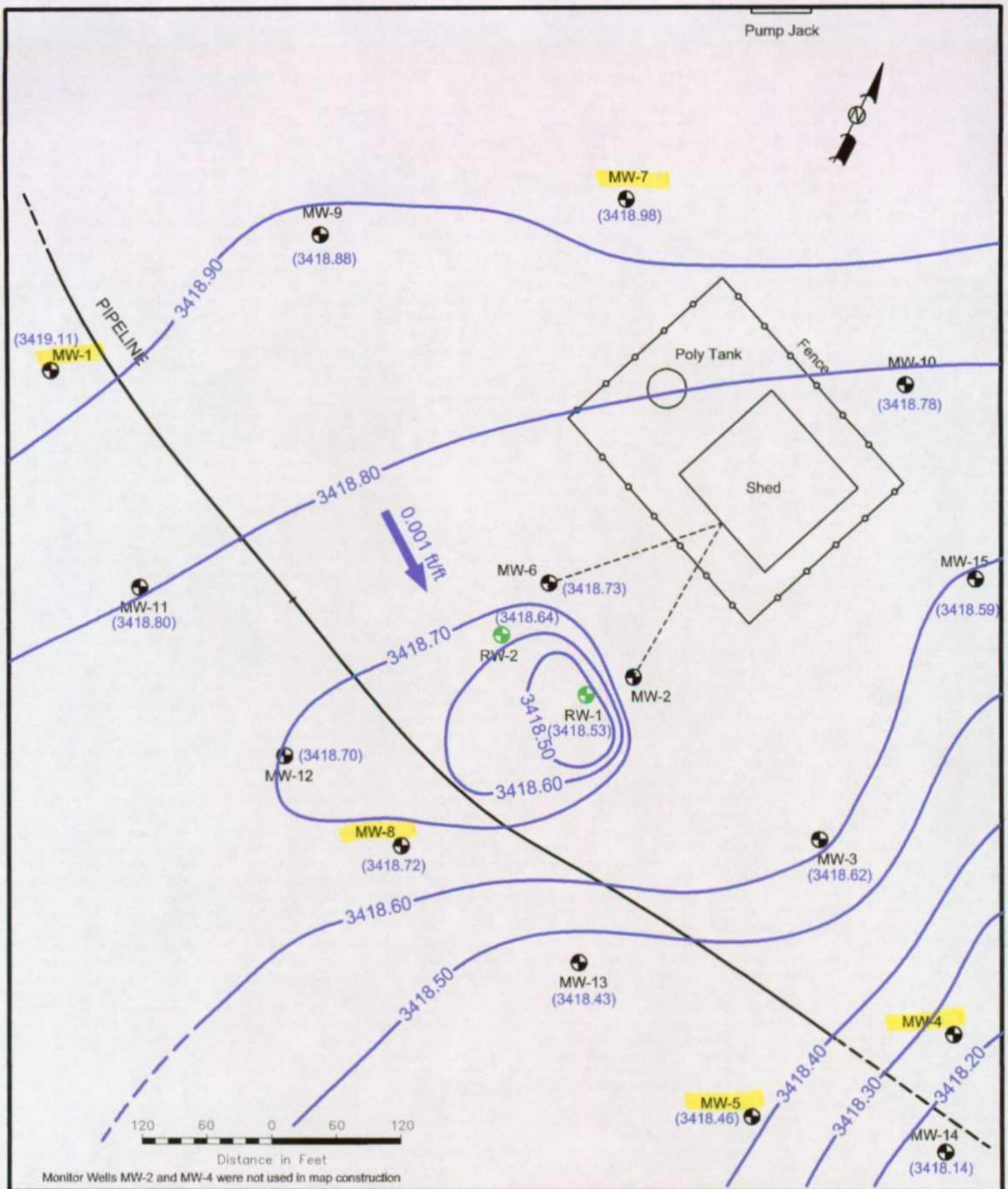
Monitor wells MW-3 and MW-8 were not used in map construction

LEGEND:
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour
- Groundwater Elevation in feet
- Inferred Groundwater Gradient and Magnitude

Figure 2C
Inferred Groundwater Gradient Map
(8/26/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: CS	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	



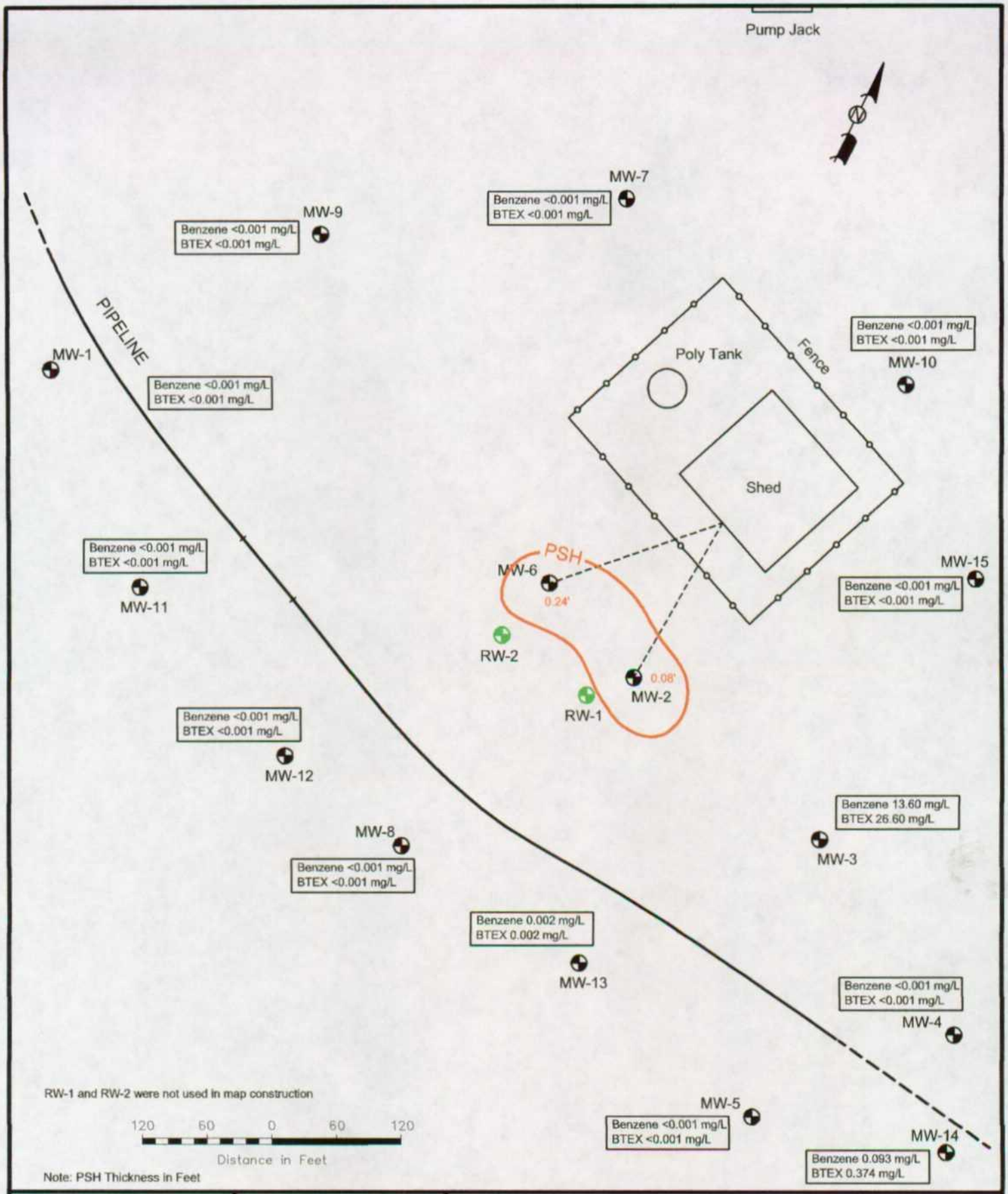
Monitor Wells MW-2 and MW-4 were not used in map construction

LEGEND:
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour
- (3418.72) Groundwater Elevation in feet
- Inferred Groundwater Gradient and Magnitude

Figure 2D
Inferred Groundwater Gradient Map
(11/24/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: CS	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	

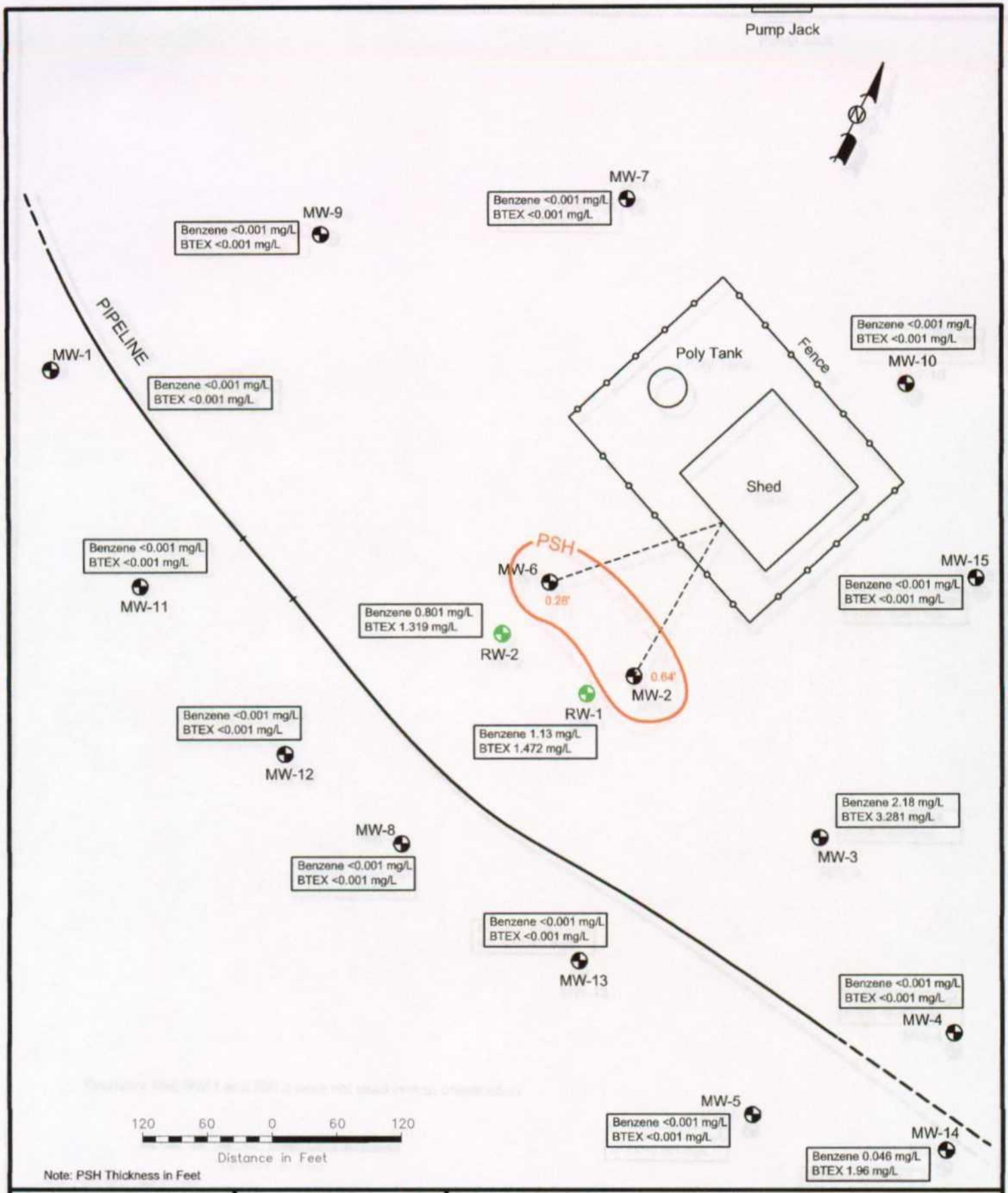


LEGEND:
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent

Figure 3A
Groundwater Concentration Map(2/11/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: JDJ	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	

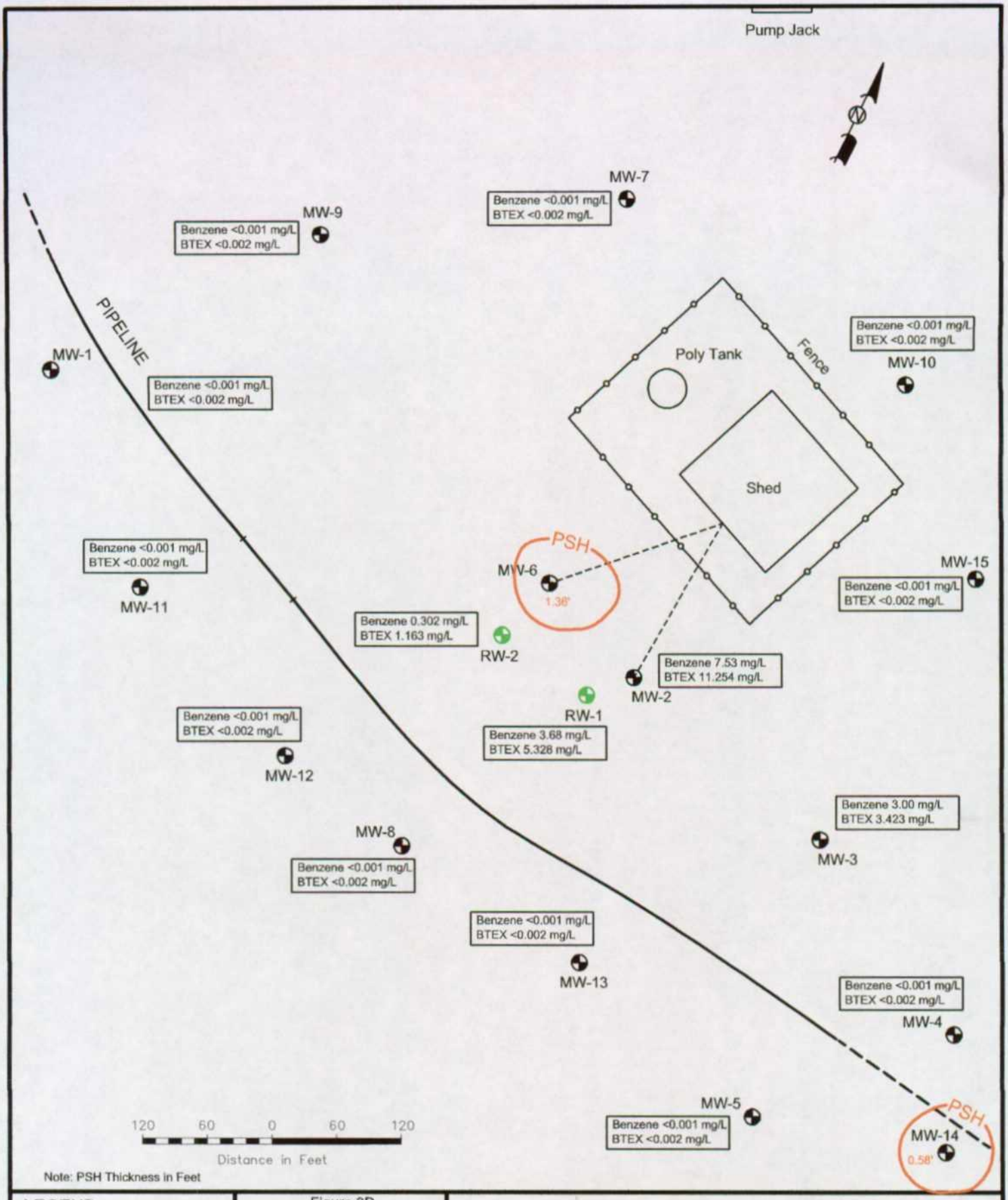


LEGEND:
- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent

Figure 3B
Groundwater Concentration Map(5/15/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: JDJ	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	



LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent

Figure 3D
Groundwater Concentration Map(11/24/03)
Link Energy
HDO 90-23
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 120'	Prep By: JDJ	Checked By: RBE
March 23, 2004	ETGI Project #: LI 2019	

TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 1	03/08/00	3,465.61	-	46.16	0.00	3,419.45
	05/12/00	3,465.61	-	46.13	0.00	3,419.48
	09/11/00	3,465.61	-	46.18	0.00	3,419.43
	12/11/00	3,465.61	-	46.23	0.00	3,419.38
	03/19/01	3,465.61	-	46.16	0.00	3,419.45
	05/30/01	3,465.61	-	46.13	0.00	3,419.48
	09/25/01	3,465.61	-	46.37	0.00	3,419.24
	11/20/01	3,465.61	-	46.38	0.00	3,419.23
	02/20/02	3,465.61	-	46.34	0.00	3,419.27
	06/25/02	3,465.61	-	46.37	0.00	3,419.24
	09/17/02	3,465.61	-	46.36	0.00	3,419.25
	11/20/02	3,465.61	-	46.38	0.00	3,419.23
	01/21/03	3,465.61	-	46.26	0.00	3,419.35
	02/10/03	3,465.61	-	46.24	0.00	3,419.37
	05/15/03	3,465.61	-	46.27	0.00	3,419.34
	08/26/03	3,465.61	-	46.45	0.00	3,419.16
	11/24/03	3,465.61	-	46.50	0.00	3,419.11
MW - 2	03/08/00	3,465.44	46.19	46.39	0.20	3,419.22
	05/12/00	3,465.44	46.22	46.32	0.10	3,419.21
	09/11/00	3,465.44	46.21	46.30	0.09	3,419.22
	12/11/00	3,465.44	46.06	47.88	1.82	3,419.11
	03/19/01	3,465.44	46.19	46.39	0.20	3,419.22
	05/30/01	3,465.44	46.31	46.35	0.04	3,419.12
	09/25/01	3,465.44	46.14	46.34	0.20	3,419.27
	11/20/01	3,465.44	46.44	46.65	0.21	3,418.97
	02/20/02	3,465.44	46.43	46.68	0.25	3,418.97
	06/25/02	3,465.44	46.28	47.90	1.62	3,418.92
	09/17/02	3,465.44	46.19	48.35	2.16	3,418.93
	11/07/02	3,465.44	46.53	46.53	0.00	3,418.91
	11/20/02	3,465.44	46.38	46.57	0.19	3,419.03
	01/07/03	3,465.44	46.41	46.56	0.15	3,419.01
	01/13/03	3,465.44	46.41	46.42	0.01	3,419.03
	01/21/03	3,465.44	46.37	46.43	0.06	3,419.06
	01/27/03	3,465.44	46.34	46.40	0.06	3,419.09
	02/10/03	3,465.44	46.40	46.48	0.08	3,419.03

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 2	02/19/03	3,465.44	46.27	46.51	0.24	3,419.13
	02/26/03	3,465.44	46.30	46.36	0.06	3,419.13
	03/05/03	3,465.44	46.26	46.57	0.31	3,419.13
	03/20/03	3,465.44	46.40	46.74	0.12	3,418.80
	03/25/03	3,465.44	46.35	46.70	0.35	3,419.04
	04/03/03	3,465.44	46.30	46.71	0.41	3,419.08
	04/16/03	3,465.44	46.39	46.71	0.32	3,419.00
	05/08/03	3,465.44	46.44	46.87	0.43	3,418.94
	05/15/03	3,465.44	46.32	46.96	0.64	3,419.02
	05/20/03	3,465.44	46.43	47.11	0.68	3,418.91
	05/27/03	3,465.44	46.54	46.61	0.07	3,418.89
	06/03/03	3,465.44	46.50	46.54	0.04	3,418.93
	06/05/03	3,465.44	46.43	46.46	0.03	3,419.01
	06/25/03	3,465.44	46.67	46.69	0.02	3,418.77
	07/02/03	3,465.44	46.41	46.74	0.03	3,418.73
	07/07/03	3,465.44	46.70	46.72	0.02	3,418.74
	07/30/03	3,465.44	46.53	46.58	0.05	3,418.90
	08/04/03	3,465.44	46.80	46.93	0.13	3,418.62
	08/13/03	3,465.44	46.97	46.81	0.16	3,418.77
	08/20/03	3,465.44	46.86	47.02	0.16	3,418.56
	08/26/03	3,465.44	46.83	47.07	0.24	3,418.57
	09/08/03	3,465.44	46.90	46.90	0.00	3,418.54
	09/15/03	3,465.44	46.88	46.88	0.00	3,418.56
	09/24/03	3,465.44	46.92	46.92	0.00	3,418.52
	09/30/03	3,465.44	46.60	46.60	0.00	3,418.84
	10/07/03	3,465.44	46.73	46.74	0.01	3,418.71
	10/14/03	3,465.44	46.93	46.93	0.00	3,418.51
	10/21/03	3,465.44	46.91	46.92	0.01	3,418.53
	10/27/03	3,465.44	46.93	46.93	0.00	3,418.51
	11/06/03	3,465.44	47.01	47.01	0.00	3,418.43
	11/10/03	3,465.44	47.12	47.12	0.00	3,418.32
	11/17/03	3,465.44	46.78	46.78	0.00	3,418.66
	11/24/03	3,465.44	-	46.76	0.00	3,418.68
	12/08/03	3,465.44	-	46.72	0.00	3,418.72
MW - 3	03/08/00	3,464.68	-	45.59	0.00	3,419.09

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 3	05/12/00	3,464.88	-	45.71	0.00	3,419.17
	09/11/00	3,464.68	-	45.64	0.00	3,419.04
	12/11/00	3,464.68	-	45.72	0.00	3,418.96
	03/19/01	3,464.68	-	45.59	0.00	3,419.09
	05/30/01	3,464.68	-	45.64	0.00	3,419.04
	09/25/01	3,464.68	-	45.85	0.00	3,418.83
	11/20/01	3,464.68	-	45.86	0.00	3,418.82
	02/20/02	3,464.68	-	45.79	0.00	3,418.89
	06/25/02	3,464.68	-	45.84	0.00	3,418.84
	09/17/02	3,464.68	-	45.86	0.00	3,418.82
	11/20/02	3,464.68	-	45.84	0.00	3,418.84
	01/21/03	3,464.68	-	45.76	0.00	3,418.92
	02/10/03	3,464.68	-	45.68	0.00	3,419.00
	05/15/03	3,464.68	-	45.80	0.00	3,418.88
	08/26/03	3,464.68	-	45.98	0.00	3,418.70
	11/24/03	3,464.68	-	46.06	0.00	3,418.62
MW - 4	03/08/00	3,465.76	-	46.80	0.00	3,418.96
	05/12/00	3,465.76	-	45.87	0.00	3,419.89
	09/11/00	3,465.76	-	46.83	0.00	3,418.93
	12/11/00	3,465.76	-	46.89	0.00	3,418.87
	03/19/01	3,465.76	-	46.80	0.00	3,418.96
	05/30/01	3,465.76	-	46.89	0.00	3,418.87
	09/25/01	3,465.76	-	47.05	0.00	3,418.71
	11/20/01	3,465.76	-	47.07	0.00	3,418.69
	02/20/02	3,465.76	-	47.02	0.00	3,418.74
	06/25/02	3,465.76	-	47.13	0.00	3,418.63
	09/17/02	3,465.76	-	47.11	0.00	3,418.65
	11/20/02	3,465.76	-	47.10	0.00	3,418.66
	01/21/03	3,465.76	-	46.94	0.00	3,418.82
	02/10/03	3,465.76	-	46.95	0.00	3,418.81
	05/15/03	3,465.76	-	47.02	0.00	3,418.74
	08/26/03	3,465.76	-	47.19	0.00	3,418.57
	11/24/03	3,465.76	-	47.26	0.00	3,418.50
MW - 5	03/08/00	3,467.40	-	48.47	0.00	3,418.93
	05/12/00	3,467.40	-	48.53	0.00	3,418.87

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 5	09/11/00	3,467.40	-	48.52	0.00	3,418.88
	12/11/00	3,467.40	-	48.52	0.00	3,418.88
	03/19/01	3,467.40	-	48.47	0.00	3,418.93
	05/30/01	3,467.40	-	48.56	0.00	3,418.84
	09/25/01	3,467.40	-	48.72	0.00	3,418.68
	11/20/01	3,467.40	-	48.73	0.00	3,418.67
	02/20/02	3,467.40	-	48.69	0.00	3,418.71
	06/25/02	3,467.40	-	48.78	0.00	3,418.62
	09/17/02	3,467.40	-	48.77	0.00	3,418.63
	11/20/02	3,467.40	-	48.77	0.00	3,418.63
	01/21/03	3,467.40	-	48.63	0.00	3,418.77
	02/10/03	3,467.40	-	48.57	0.00	3,418.83
	05/15/03	3,467.40	-	48.69	0.00	3,418.71
	08/26/03	3,467.40	-	48.88	0.00	3,418.52
	11/24/03	3,467.40	-	48.94	0.00	3,418.46
MW - 6	03/08/00	3,465.42	45.98	45.98	0.00	3,419.44
	05/12/00	3,465.42	46.17	46.65	0.48	3,419.18
	09/11/00	3,465.42	46.06	46.57	0.51	3,419.28
	12/11/00	3,465.42	46.21	46.43	0.22	3,419.18
	03/19/01	3,465.42	45.96	45.98	0.02	3,419.46
	05/30/01	3,465.42	46.13	46.89	0.76	3,419.18
	09/25/01	3,465.42	46.21	47.81	1.60	3,418.97
	11/20/01	3,465.42	46.13	48.23	2.10	3,418.98
	02/20/02	3,465.42	46.05	48.55	2.50	3,419.00
	06/25/02	3,465.42	46.38	46.81	0.43	3,418.98
	09/17/02	3,465.42	46.35	46.77	0.42	3,419.01
	11/07/02	3,465.42	46.40	46.69	0.29	3,418.98
	11/20/02	3,465.42	46.46	46.48	0.02	3,418.96
	01/07/03	3,465.42	46.30	46.52	0.32	3,419.17
	01/13/03	3,465.42	46.31	46.47	0.16	3,419.09
	01/21/03	3,465.42	46.29	46.51	0.22	3,419.10
	01/27/03	3,465.42	46.26	46.43	0.17	3,419.13
	02/10/03	3,465.42	46.27	46.51	0.24	3,419.11
	02/19/03	3,465.42	46.40	46.48	0.08	3,419.01
	02/26/03	3,465.42	46.23	46.51	0.28	3,419.15

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 6	03/05/03	3,465.42	46.32	46.51	0.19	3,419.07
	03/20/03	3,465.42	46.38	46.50	0.12	3,419.02
	03/25/03	3,465.42	46.26	46.58	0.32	3,419.11
	04/03/03	3,465.42	46.24	46.47	0.23	3,419.15
	04/16/03	3,465.42	46.34	46.52	0.18	3,419.05
	05/08/03	3,465.42	46.35	46.58	0.23	3,419.04
	05/15/03	3,465.42	46.27	46.55	0.28	3,419.11
	05/20/03	3,465.42	46.41	46.67	0.26	3,418.97
	05/27/03	3,465.42	46.38	46.72	0.34	3,418.99
	06/03/03	3,465.42	46.28	46.86	0.58	3,419.05
	06/05/03	3,465.42	46.21	47.43	1.22	3,419.03
	06/25/03	3,465.42	46.44	47.70	1.26	3,418.79
	07/02/03	3,465.42	46.45	46.74	0.29	3,418.93
	07/07/03	3,465.42	46.35	47.90	1.55	3,418.84
	07/30/03	3,465.42	46.23	47.93	1.70	3,418.94
	08/04/03	3,465.42	46.45	48.12	1.67	3,418.72
	08/13/03	3,465.42	46.68	46.52	0.16	3,419.04
	08/20/03	3,465.42	46.52	48.42	1.90	3,418.62
	08/26/03	3,465.42	46.76	46.78	0.02	3,418.66
	09/08/03	3,465.42	46.76	46.97	0.21	3,418.63
	09/15/03	3,465.42	46.78	46.92	0.14	3,418.62
	09/24/03	3,465.42	46.77	46.99	0.22	3,418.62
	09/30/03	3,465.42	46.51	46.55	0.04	3,418.90
	10/07/03	3,465.42	46.46	47.15	0.72	3,418.88
	10/14/03	3,465.42	46.71	47.82	1.11	3,418.54
	10/27/03	3,465.42	46.67	48.10	1.43	3,418.54
	11/04/03	3,465.42	46.86	47.53	0.67	3,418.46
	11/10/03	3,465.42	46.96	47.71	0.75	3,418.35
	11/17/03	3,465.42	46.48	47.71	1.23	3,418.76
	11/24/03	3,465.42	46.49	47.85	1.36	3,418.73
	12/08/03	3,465.42	46.43	47.98	1.55	3,418.76
MW - 7	03/08/00	3,466.22	-	46.84	0.00	3,419.38
	05/12/00	3,466.22	-	46.90	0.00	3,419.32
	09/11/00	3,466.22	-	46.86	0.00	3,419.36
	12/11/00	3,466.22	-	46.91	0.00	3,419.31

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 7	03/19/01	3,466.22	-	46.84	0.00	3,419.38
	05/30/01	3,466.22	-	46.84	0.00	3,419.38
	09/25/01	3,466.22	-	47.07	0.00	3,419.15
	11/20/01	3,466.22	-	47.08	0.00	3,419.14
	02/20/02	3,466.22	-	47.03	0.00	3,419.19
	06/25/02	3,466.22	-	47.11	0.00	3,419.11
	09/17/02	3,466.22	-	47.08	0.00	3,419.14
	11/20/02	3,466.22	-	47.09	0.00	3,419.13
	01/21/03	3,466.22	-	46.98	0.00	3,419.24
	02/10/03	3,466.22	-	46.98	0.00	3,419.24
	05/15/03	3,466.22	-	47.00	0.00	3,419.22
	08/26/03	3,466.22	-	47.17	0.00	3,419.05
	11/24/03	3,466.22	-	47.24	0.00	3,418.98
MW - 8	03/08/00	3,467.61	-	48.48	0.00	3,419.13
	05/12/00	3,467.61	-	48.53	0.00	3,419.08
	09/11/00	3,467.61	-	48.48	0.00	3,419.13
	12/11/00	3,467.61	-	48.55	0.00	3,419.06
	03/19/01	3,467.61	-	48.48	0.00	3,419.13
	05/30/01	3,467.61	-	48.52	0.00	3,419.09
	09/25/01	3,467.61	-	48.69	0.00	3,418.92
	11/20/01	3,467.61	-	48.71	0.00	3,418.90
	02/20/02	3,467.61	-	48.68	0.00	3,418.93
	06/25/02	3,467.61	-	48.74	0.00	3,418.87
	09/17/02	3,467.61	-	48.73	0.00	3,418.88
	11/20/02	3,467.61	-	48.71	0.00	3,418.90
	01/21/03	3,467.61	-	48.61	0.00	3,419.00
	02/10/03	3,467.61	-	48.60	0.00	3,419.01
	05/15/03	3,467.61	-	48.63	0.00	3,418.98
	08/26/03	3,467.61	-	48.81	0.00	3,418.80
	11/24/03	3,467.61	-	48.89	0.00	3,418.72
MW - 9	01/06/03	3465.74	-	46.64	0.00	3,419.10
	01/10/03	3465.74	-	46.62	0.00	3,419.12
	01/21/03	3465.74	-	46.59	0.00	3,419.15
	02/10/03	3465.74	-	46.52	0.00	3,419.22
	05/15/03	3465.74	-	46.61	0.00	3,419.13

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 9	08/26/03	3465.74	-	46.80	0.00	3,418.94
	11/24/03	3465.74	-	46.86	0.00	3,418.88
MW - 10	01/06/03	3466.15	-	47.12	0.00	3,419.03
	01/10/03	3466.15	-	47.11	0.00	3,419.04
	01/21/03	3466.15	-	47.09	0.00	3,419.06
	02/10/03	3467.15	-	47.07	0.00	3,420.08
	05/15/03	3466.15	-	47.11	0.00	3,419.04
	08/26/03	3466.15	-	47.30	0.00	3,418.85
	11/24/03	3466.15	-	47.37	0.00	3,418.78
MW - 11	01/06/03	3466.22	-	47.23	0.00	3,418.99
	01/10/03	3466.22	-	47.20	0.00	3,419.02
	01/21/03	3466.22	-	47.18	0.00	3,419.04
	02/10/03	3467.22	-	47.16	0.00	3,420.06
	05/15/03	3466.22	-	47.19	0.00	3,419.03
	08/26/03	3466.22	-	47.36	0.00	3,418.86
	11/24/03	3466.22	-	47.42	0.00	3,418.80
MW - 12	01/06/03	3466.69	-	47.79	0.00	3,418.90
	01/10/03	3466.69	-	47.76	0.00	3,418.93
	01/21/03	3466.69	-	47.75	0.00	3,418.94
	02/10/03	3467.69	-	47.73	0.00	3,419.96
	05/15/03	3466.69	-	47.76	0.00	3,418.93
	08/26/03	3466.69	-	47.94	0.00	3,418.75
	11/24/03	3466.69	-	47.99	0.00	3,418.70
MW - 13	01/06/03	3466.98	-	48.31	0.00	3,418.67
	01/10/03	3466.98	-	48.30	0.00	3,418.68
	01/21/03	3466.98	-	48.28	0.00	3,418.70
	02/10/03	3467.98	-	48.26	0.00	3,419.72
	05/15/03	3466.98	-	48.31	0.00	3,418.67
	08/26/03	3466.98	-	48.48	0.00	3,418.50
	11/24/03	3466.98	-	48.55	0.00	3,418.43
MW - 14	01/06/03	3466.50	-	47.97	0.00	3,418.53
	01/10/03	3466.50	-	47.96	0.00	3,418.54
	01/21/03	3466.50	-	47.93	0.00	3,418.57
	02/10/03	3467.50	-	47.92	0.00	3,419.58
	05/15/03	3466.50	-	47.99	0.00	3,418.51

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
HDO 90 - 23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW - 14	08/26/03	3466.50	-	48.16	0.00	3,418.34
	11/24/03	3466.50	48.27	48.85	0.58	3,418.14
MW - 15	01/06/03	3466.10	-	47.26	0.00	3,418.84
	01/10/03	3466.10	-	47.23	0.00	3,418.87
	01/21/03	3466.10	-	47.21	0.00	3,418.89
	02/10/03	3467.10	-	47.20	0.00	3,419.90
	05/15/03	3466.10	-	47.27	0.00	3,418.83
	08/26/03	3466.10	-	47.44	0.00	3,418.66
	11/24/03	3466.10	-	47.51	0.00	3,418.59
RW - 1	01/06/03	3465.02	-	46.11	0.00	3,418.91
	01/07/03	3465.02	-	46.14	0.00	3,418.88
	01/13/03	3465.02	-	46.12	0.00	3,418.90
	01/21/03	3465.02	-	46.09	0.00	3,418.93
	01/27/03	3465.02	46.08	46.08	0.00	3,418.94
	02/10/03	3465.02	NM	NM	NM	NM
	04/03/03	3465.02	46.07	46.08	0.01	3,418.95
	05/15/03	3465.02	-	46.12	0.00	3,418.90
	08/26/03	3465.02	-	46.29	0.00	3,418.73
	11/24/03	3465.02	-	46.49	0.00	3,418.53
RW - 2	01/06/03	3465.21	-	46.25	0.00	3,418.96
	01/07/03	3465.21	-	46.67	0.00	3,418.54
	01/13/03	3465.21	-	46.21	0.00	3,419.00
	01/21/03	3465.21	-	46.21	0.00	3,419.00
	01/27/03	3465.21	-	46.20	0.00	3,419.01
	02/10/03	3465.21	NM	NM	NM	NM
	04/03/03	3465.21	-	46.17	0.00	3,419.04
	05/15/03	3465.21	-	46.24	0.00	3,418.97
	08/26/03	3465.21	-	46.40	0.00	3,418.81
	11/24/03	3465.21	-	46.57	0.00	3,418.64

Note: Elevations based on North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY

HDO 90-23

LEA COUNTY, NEW MEXICO

ETGI PROJECT # LI 2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	0.052	<0.001	<0.001	<0.001	
	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 2	11/24/03	7.530	<0.010	2.660	1.020	0.034
MW - 3	09/14/99	1.850	0.079	1.820	0.116	<0.050
	11/03/99	1.900	<0.001	2.060	0.160	<0.100
	03/08/00	1.040	<0.010	1.430	<0.010	<0.010
	05/12/00	0.545	0.004	0.259	<0.001	<0.001
	09/11/00	0.572	0.013	1.490	<0.010	<0.010
	12/11/00	0.372	<0.010	1.570	0.038	0.038
	03/19/01	0.781	<0.005	1.340	0.010	<0.005
	05/30/01	0.902	<0.005	1.050	0.203	
	09/25/01	1.340	<0.001	1.040	0.014	<0.001
	11/20/01	1.440	<0.001	0.971	0.021	<0.001
	02/20/02	1.870	<0.001	1.140	0.043	<0.001
	06/25/02	1.800	<0.001	1.100	0.471	<0.001
	09/17/02	1.960	<0.001	1.310	0.018	<0.001
	11/20/02	1.230	<0.001	1.330	0.027	0.001
	02/11/03	13.600	<0.001	13.000	0.595	0.003
	05/15/03	2.180	<0.001	1.060	0.041	<0.001
	08/26/03	3.000	<0.001	0.617	0.016	<0.001
	11/24/03	3.000	<0.001	0.407	0.015	0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY

HDO 90-23

LEA COUNTY, NEW MEXICO

ETGI PROJECT # LI 2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 4	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/00	<0.001	<0.001	0.002	<0.001	<0.001
	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/00	<0.001	0.002	<0.001	<0.001	<0.001
	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.005	<0.005	<0.005	<0.005	
	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/01	0.001	<0.001	<0.001	<0.001	<0.001
	02/20/02	0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 5	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.005	<0.005	<0.005	<0.005	
	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY

HDO 90-23

LEA COUNTY, NEW MEXICO

ETGI PROJECT # LI 2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 6	09/14/99	0.072	0.063	0.020	0.022	0.01
MW - 7	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/00	0.002	<0.001	<0.001	<0.001	<0.001
	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.005	<0.005	<0.005	<0.005	
	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 8	09/14/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/03/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/00	<0.001	<0.001	0.002	<0.001	<0.001
	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.005	<0.005	<0.005	<0.005	
	09/25/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 9	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
HDO 90-23
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 9	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 10	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 11	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 12	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 13	01/10/03	0.002	<0.001	<0.001	<0.001	<0.001
	02/11/03	0.002	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 14	01/10/03	0.071	0.007	0.134	0.011	0.008
	02/11/03	0.093	0.007	0.260	0.013	0.001
	05/15/03	0.046	0.003	0.138	0.008	<0.001
	08/26/03	0.026	0.003	0.085	0.003	0.002
MW - 15	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	02/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	05/15/03	<0.001	<0.001	<0.001	<0.001	<0.001
	08/26/03	<0.001	<0.001	<0.001	<0.001	<0.001
	11/24/03	<0.001	<0.001	<0.001	<0.002	<0.001
RW - 1	05/15/03	1.130	<0.001	0.293	0.048	0.001
	11/24/03	3.680	0.001	1.600	0.044	0.003
RW - 2	05/15/03	0.801	<0.001	0.448	0.068	0.002
	11/24/03	0.302	0.002	0.724	0.133	0.002
EB - 1	09/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/11/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/19/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/30/01	<0.001	<0.001	<0.001	<0.001	
	11/20/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY

HDO 90-23

LEA COUNTY, NEW MEXICO

ETGI PROJECT # LI 2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
EB - 1	09/17/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/20/02	<0.001	<0.001	<0.001	<0.001	<0.001
	01/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
NMOCD standard		0.01	0.75	0.75	0.62	

Note: m, p and o xylenes combined when analyzed by Trace Laboratories, Inc. only.
EB-1 denotes equipment blank collected during sampling event.

TABLE 3

CONCENTRATIONS OF METALS IN GROUND WATER

LINK ENERGY
HDO 90-23
LEA COUNTY, NM
ETGI Project # LI 2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-6010B, 7470																								
		Aluminum	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium	Tin	Vanadium	Zinc	Boron	Strontium
MW - 1	02/23/00	0.2530	ND	0.1410	ND	ND	139.0	ND	ND	ND	0.260	ND	23.90	0.0490	ND	ND	ND	6.310	0.0050	ND	91.70	ND	ND	ND	0.161	1.33
	11/20/02	1.25	<0.05	0.116	<0.004	<0.005	36.8	<0.01	<0.02	<0.02	0.366	0.0246	13.3	0.0175	<0.0002	<0.02	<0.02	2.86	<0.05	<0.002	67.8	<0.05	0.0828	0.0606	0.406	67.8
	11/24/03	0.273	0.0152	0.0742	<0.002	<0.002	42.5	<0.005	<0.01	<0.01	0.268	<0.01	13.2	<0.005	<0.0002	0.0065	<0.01	2.43	<0.01	<0.002	69.6	<0.02	0.0546	0.0087	0.343	0.876
MW - 2	02/23/00	2.6400	ND	0.2440	ND	ND	248.0	0.0080	ND	ND	1.680	ND	24.50	0.0590	ND	ND	ND	6.920	ND	ND	117.0	ND	0.0270	0.0550	0.188	1.29
	11/24/03	0.459	0.0475	5.72	<0.002	<0.002	107	<0.005	<0.01	<0.01	5.6	<0.01	61.9	0.205	<0.0002	<0.005	<0.01	2.37	<0.01	<0.002	404	<0.02	<0.01	0.0214	0.966	5.33
MW - 3	02/23/00	4.6800	0.0080	0.1830	ND	ND	256.0	0.0110	ND	ND	3.240	ND	34.50	0.1120	ND	ND	ND	7.340	ND	ND	176.0	ND	0.0350	0.0700	0.275	1.70
	11/20/02	5.1	<0.005	0.828	<0.004	<0.005	115	<0.01	<0.02	<0.02	19.4	<0.02	247	0.136	<0.0002	<0.02	<0.02	71.6	<0.05	<0.002	2800	<0.05	0.0471	0.0738	6.45	7.49
	11/24/03	1.36	<0.01	0.687	<0.002	<0.002	91.3	<0.005	<0.01	<0.01	5.73	<0.01	257	0.128	<0.0002	<0.005	<0.01	43.3	<0.01	<0.002	2690	<0.02	<0.01	0.0144	6.82	6.72
MW - 4	11/20/02	4.06	<0.05	0.212	<0.004	<0.005	54.3	<0.01	<0.02	<0.02	2.62	<0.02	26.6	0.0498	<0.0002	<0.02	<0.02	3.64	0.0541	<0.002	63.8	<0.05	0.0881	0.0137	0.169	2.14
	11/24/03	3.26	<0.01	0.165	<0.002	<0.002	51.8	0.0056	<0.01	<0.01	2.03	<0.01	19.7	0.0276	<0.0002	<0.005	<0.01	2.84	0.0164	<0.002	54	<0.02	0.0693	0.0138	0.207	1.7
MW - 5	11/20/02	5.87	<0.05	0.529	<0.004	<0.005	71.5	<0.01	<0.02	<0.02	3.98	<0.02	32.1	0.0502	<0.0002	<0.02	<0.02	4.19	<0.05	<0.002	91.9	<0.05	0.0764	0.0162	0.372	3.07
	11/24/03	37.4	0.0308	2.73	<0.002	<0.002	83.4	0.0946	0.0119	0.0351	23.1	0.0254	30.9	0.577	<0.0002	0.0084	0.0489	4.73	0.0131	<0.002	127	<0.02	0.149	0.215	0.425	2.89
MW - 7	11/20/02	9.76	<0.05	0.425	<0.004	<0.005	55.7	<0.01	<0.02	<0.02	5.98	<0.02	20.8	0.13	<0.0002	<0.02	<0.02	3.36	0.0581	<0.002	68.1	<0.05	0.0933	0.0442	0.26	2.2
	11/24/03	9.37	<0.01	0.356	<0.002	<0.002	56.5	0.0094	<0.01	<0.01	4.87	<0.01	20.2	0.0783	<0.0002	0.007	0.0102	3.01	0.0206	<0.002	63	<0.02	0.0437	0.0364	0.306	1.45
MW - 8	11/20/02	16.1	<0.05	0.637	<0.004	<0.005	79.5	0.0123	<0.02	<0.02	9.62	<0.02	34.1	0.287	<0.0002	<0.02	<0.02	3.8	<0.05	<0.002	67.1	<0.05	0.108	0.0647	0.298	3.52
	11/24/03	5.82	<0.01	0.346	<0.002	0.0085	88.4	0.0079	<0.01	<0.01	3.1	<0.01	36.6	0.0687	<0.0002	0.0052	0.0158	3.75	0.0102	<0.002	62.8	<0.02	0.0514	0.0733	0.412	2.75
MW - 9	01/10/03	78.3	<0.05	1.29	<0.004	<0.005	75.7	0.114	<0.02	0.0451	42.2	0.0285	34.3	0.833	<0.0002	0.026	0.0426	6.91	<0.05	<0.002	79.5	<0.05	0.144	0.107	0.353	6.89
	11/24/03	11.3	<0.01	0.223	<0.002	<0.002	88.2	0.0209	<0.01	<0.01	6.89	0.0113	31.5	0.116	<0.0002	0.0123	0.012	3.78	0.0122	<0.002	66.5	<0.02	0.0607	0.0251	0.382	2.48
MW - 10	01/10/03	5.7	<0.05	0.287	<0.004	<0.005	44.8	<0.01	<0.02	<0.02	4.07	<0.02	21.4	0.113	<0.0002	<0.02	<0.02	4.7	<0.05	<0.002	62.2	<0.05	0.0299	0.026	0.151	1.75
	11/24/03	30.5	0.0105	1.43	<0.002	<0.002	44	0.0414	<0.01	0.0171	18.8	0.0185	20.5	0.283	<0.0002	0.0261	0.0227	4.5	<0.01	<0.002	59.5	<0.02	0.0678	0.0608	0.235	2.19
MW - 11	01/10/03	49.7	<0.05	0.77	<0.004	<0.005	68.1	0.0554	<0.02	0.0298	24.6	0.0218	33.8	0.507	<0.0002	<0.02	0.0298	5.38	<0.05	<0.002	124	<0.05	0.116	0.127	0.481	4.11
	11/24/03	7.6	0.0148	0.45	<0.002	<0.002	59.3	0.0225	<0.01	<0.01	4.95	<0.01	22.7	0.125	<0.0002	0.0097	0.0134	3.42	0.0133	<0.002	76.6	<0.02	0.0748	0.0567	0.446	1.7
MW - 12	01/10/03	39.8	<0.05	1.42	<0.004	<0.005	64.6	0.0395	<0.02	0.0213	19.7	0.0238	29.6	0.412	<0.0002	<0.02	0.0209	3.08	<0.05	<0.002	79.5	<0.05	0.118	0.0677	0.382	3.81
	11/24/03	7.59	0.0155	0.324	<0.002	<0.002	65.7	0.0115	<0.01	<0.01	4.33	<0.01	25.1	0.0584	<0.0002	0.0067	<0.01	3.2	<0.01	<0.002	75	<0.02	0.0696	0.0247	0.43	1.96
MW - 13	01/10/03	15.4	<0.05	1.38	<0.004	<0.005	81	0.0117	<0.02	<0.02	7.31	<0.02	41	0.492	<0.0002	<0.02	<0.02	5.43	<0.05	<0.002	79.7	<0.05	0.0307	0.0261	0.345	5.04
	11/24/03	43.7	0.0193	2.74	<0.002	<0.002	83.1	0.0423	0.0135	0.0207	23.8	0.0231	34.5	0.478	<0.0002	0.0076	0.0297	4.59	<0.01	<0.002	92.1	<0.02	0.101	0.0623	0.38	3.6
MW - 14	01/10/03	63.9	0.0701	3.12	<0.004	<0.005	117	0.0624	0.0209	0.0344	35.1	0.0329	58.8	1.58	<0.0002	<0.02	0.0551	4.08	<0.05	<0.002	146	<0.05	0.0903	0.0939	0.404	5.65
MW - 15	01/10/03	9.31	<0.05	0.335	<0.004	<0.005	52.8	<0.01	<0.02	<0.02	4.7	<0.02	22.9	0.295	<0.0002	<0.02	<0.02	5.15	<0.05	<0.002	55.8	<0.05	<0.02	0.0161	0.157	3.54
	11/24/03	21.4	0.0172	0.327	<0.002	<0.002	55.7	0.0298	<0.01	0.0144	14.9	0.0139	20.5	0.217	<0.0002	<0.005	0.0165	3.26	<0.01	<0.002	51.6	<0.02	0.0987	0.0412	0.201	1.83
RW - 1	11/24/03	<0.2	<0.01	<0.005	<0.002	<0.002	120	<0.005	<0.01	<0.01	<0.02	<0.01	55.1	<0.005	<0.0002	<0.005	<0.01	3.45	<0.01	<0.002	41.9	<0.02	<0.01	0.0128	<0.01	<0.04
RW - 2	11/24/03	4.07	<0.01	7.34	<0.002	<0.002	124	0.0111	<0.01	<0.01	8.09	<0.01	92.3	0.175	<0.0002	<0.005	<0.01	11.2	<0.01	<0.002	129	<0.02	<0.01	0.0134	0.553	10.1
WQCC standard		5.0	0.1	1.0	-	0.01	-	0.05	0.05	1.0	0.01	0.05	-	0.2	0.002	0.2	0.2	-	0.05	0.05	-	-	-	10	0.75	-

Note: A "-" denotes no WQCC Standard available.

TABLE 4

CONCENTRATIONS OF SEMI-VOLATILES IN GROUNDWATER

LINK ENERGY
HDO 90-23
LEA COUNTY, NEW MEXICO
ETGI Project # LI2019

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510															
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
MW - 1	11/20/02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 2	11/24/03	0.175	0.054	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	1.36	<0.05	49.7	1.17	<0.05
MW - 3	11/20/02	0.162	0.226	0.097	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.05	0.556	0.936	<0.05
	11/24/03	0.059	0.066	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.773	<0.05	0.777	0.564	<0.05
MW - 4	11/20/02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 5	11/20/02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 7	11/20/02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 8	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 9	01/10/03	<0.05	<0.05	0.05	0.093	0.109	0.094	0.113	0.126	0.111	0.064	0.099	<0.05	0.072	<0.05	0.052	0.122
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 10	01/10/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.052	0.06	<0.05	<0.05	0.077	0.052
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 11	01/10/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 12	01/10/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 13	01/10/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
MW - 14	01/10/03	<0.05	0.098	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.172	<0.05	8.42	0.396	<0.05
MW - 15	01/10/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05
	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RW - 1	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.091	<0.05	7.84	0.055	<0.05
RW - 2	11/24/03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	3.12	<0.05	<0.05
WQCC Standard		-	-	-	-	0.0007	-	-	-	-	-	-	-	-	0.03	-	-

Note: A "-" denotes no WQCC Standard available.

TABLE 5

CONCENTRATIONS OF ANIONS/CATIONS IN GROUNDWATER

LINK ENERGY
HDO 90-23
LEA COUNTY, NEW MEXICO
ETGI Project # LI2019

All results are reported in mg/L.

SAMPLE DATE	SAMPLE LOCATION	EPA SW375.4, 325,3, 310, 160.1				
		Sulfate	Chloride	Carbonate	Bicarbonate	TDS
11/20/02	MW - 1	47.7	19	<10	220	475
11/20/02	MW - 3	521	3950	<10	1700	9000
11/20/02	MW - 4	63.3	87.5	<10	180	512
11/20/02	MW - 5	45.4	149	<10	300	822
11/20/02	MW - 7	86.5	72.1	<10	180	569
11/20/02	MW - 8	57	72.6	<10	310	595
01/10/03	MW - 9	95.4	58.3	<10	330	592
01/10/03	MW - 10	84.2	55.7	<10	180	423
01/10/03	MW - 11	91.2	152	<10	340	745
01/10/03	MW - 12	99.6	89.7	<10	290	635
01/10/03	MW - 13	71.6	122	<10	350	670
01/10/03	MW - 14	46.7	375	<10	380	1100
01/10/03	MW - 15	70.2	55.9	<10	220	505
WQCC Standard		600	250	-	-	1000

Note: A "-" denotes no WQCC Standard available.

APPENDICES

Appendix A

Laboratory Reports

ANALYSYS

FILE

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

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

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

Report#/Lab ID#: 138329 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 9
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 10:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	**592**	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	**78.3**	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	J	12.55	118.4	98.88	97.52
Barium/ICP	**1.29**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	J	13.33	116.1	98.1	104.27
Boron/ICP	**0.353**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	**75.7**	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	**0.114**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	7.82	97.86	95.32	99.46
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	2.17	103.46	98.19	96.97
Copper/ICP	**0.0451**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	96.01	97.04	101.35
Iron/ICP	**42.2**	mg/L	0.5	<0.5	01/22/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	**0.0285**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	108.45	101.48	107.16
Magnesium/ICP*filtered	**34.3**	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	**0.883**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	**0.026**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	3.14	97.01	98.04	88.14

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:** HDO EO 2019 **Sample Name:** MW 9	**Report#/Lab ID#:** 138329 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	**0.0426**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	4.08	110	95.51	96.81
Potassium/AA*filtered	**6.91**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**79.5**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**6.89**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	**0.144**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.34	95.02	100.76	88.06
Zinc/ICP	**0.107**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**330**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**58.3**	mg/L	0.5	<0.5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**95.4**	mg/L	10	<10	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	<1	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	<1	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	<1	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	<1	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	85.2	85.4	63.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	88.4	91.6	66.9
Anthracene	**0.05**	µg/L	0.05	<0.05	01/20/03	8270c	---	3.7	87.2	84.1	82.9
Benzo[a]anthracene	**0.093**	µg/L	0.05	<0.05	01/20/03	8270c	---	2.3	112.3	88	101.1
Benzo[a]pyrene	**0.109**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	**0.094**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	**0.113**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	**0.126**	µg/L	0.05	<0.05	01/20/03	8270c	---	5.6	87.5	82.5	83.9
Chrysene	**0.111**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	**0.064**	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	**0.099**	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	0.5	100.4	86.5	74.3

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	**Project ID:** HDO EO 2019 **Sample Name:** MW 9	**Report#/Lab ID#:** 138329 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	**0.072**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	63.4	80.1	53.1
Phenanthrene	**0.052**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	**0.122**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

ANALYSYS

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 9	**Report#/Lab ID#:** 138329 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	101	88-110	---
2-Fluorobiphenyl	8270c	78.1	43-116	---
Nitrobenzene-d5	8270c	111	35-114	---
Terphenyl-d14	8270c	90.7	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138329 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
Sample Name: MW 9

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.

Notes:

ANALYSYS

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 138330 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 10
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **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	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	**423**	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	**5.7**	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	12.55	118.4	98.88	97.52
Barium/ICP	**0.287**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	---	13.33	116.1	98.1	104.27
Boron/ICP	**0.151**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	**44.8**	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	<0.01	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	J	7.82	97.86	95.32	99.46
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.17	103.46	98.19	96.97
Copper/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	0	96.01	97.04	101.35
Iron/ICP	**4.07**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	0	108.45	101.48	107.16
Magnesium/ICP*filtered	**21.4**	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	**0.113**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	3.14	97.01	98.04	88.14

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 10	**Report#/Lab ID#:** 138330 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	4.08	110	95.51	96.81
Potassium/AA*filtered	**4.7**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**62.2**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**1.75**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	**0.0299**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.34	95.02	100.76	88.06
Zinc/ICP	**0.026**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**180**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**55.7**	mg/L	0.5	<0.5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**84.2**	mg/L	10	<10	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	<1	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	<1	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	<1	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	<1	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.2	85.2	85.4	63.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.6	88.4	91.6	66.9
Anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	3.7	87.2	84.1	82.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	2.3	112.3	88	101.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	5.6	87.5	82.5	83.9
Chrysene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	**0.052**	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	**0.06**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.5	100.4	86.5	74.3

ANALYSIS

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 10	**Report#/Lab ID#:** 138330 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.2	63.4	80.1	53.1
Phenanthrene	**0.077**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	**0.052**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

ANALYSYS
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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 10	**Report#/Lab ID#:** 138330 **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	97.3	88-110	---
2-Fluorobiphenyl	8270c	51.6	43-116	---
Nitrobenzene-d5	8270c	52	35-114	---
Terphenyl-d14	8270c	60.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138330 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
Sample Name: MW 10

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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.
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Acenaphthene	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[b]fluoranthene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Benzo[j,k]fluoranthene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Naphthalene	J	See J-flag discussion above.

Notes: _____

AnalySys

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

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

Report#/Lab ID#: 138331 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 11
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	**745**	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	**49.7**	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	J	12.55	118.4	98.88	97.52
Barium/ICP	**0.77**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	J	13.33	116.1	98.1	104.27
Boron/ICP	**0.481**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	**68.1**	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	**0.0554**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	7.82	97.86	95.32	99.46
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	2.17	103.46	98.19	96.97
Copper/ICP	**0.0298**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	96.01	97.04	101.35
Iron/ICP	**24.6**	mg/L	0.5	<0.5	01/22/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	**0.0218**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	108.45	101.48	107.16
Magnesium/ICP*filtered	**33.8**	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	**0.507**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	3.14	97.01	98.04	88.14

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

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: HDO EO 2019
Sample Name: MW 11

Report#/Lab ID#: 138331
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	**0.0298**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	4.08	110	95.51	96.81
Potassium/AA*filtered	**5.38**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**124**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**4.11**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	**0.116**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.34	95.02	100.76	88.06
Zinc/ICP	**0.127**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**340**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**152**	mg/L	5	<5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**91.2**	mg/L	10	<10	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	<1	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	<1	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	<1	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	<1	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	85.2	85.4	63.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	88.4	91.6	66.9
Anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3.7	87.2	84.1	82.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.3	112.3	88	101.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	5.6	87.5	82.5	83.9
Chrysene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.5	100.4	86.5	74.3

ANALYSIS

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:** HDO EO 2019 **Sample Name:** MW 11	**Report#/Lab ID#:** 138331 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	63.4	80.1	53.1
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 11	**Report#/Lab ID#:** 138331 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	99.9	88-110	---
2-Fluorobiphenyl	8270c	70.3	43-116	---
Nitrobenzene-d5	8270c	110	35-114	---
Terphenyl-d14	8270c	75.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138331 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
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
Arsenic/ICP	J	See J-flag discussion above.
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.

Notes: _____

ANALYSYS

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

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

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

Report#/Lab ID#: 138332 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 12
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 12:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	635	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	39.8	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	J	12.55	118.4	98.88	97.52
Barium/ICP	1.42	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	J	13.33	116.1	98.1	104.27
Boron/ICP	0.382	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	64.6	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	0.0395	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	7.82	97.86	95.32	99.46
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	2.17	103.46	98.19	96.97
Copper/ICP	0.0213	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	96.01	97.04	101.35
Iron/ICP	19.7	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	0.0238	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	108.45	101.48	107.16
Magnesium/ICP*filtered	29.6	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	0.412	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	3.14	97.01	98.04	88.14

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: HDO EO 2019
Sample Name: MW 12

Report#/Lab ID#: 138332
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Nickel/ICP	**0.0209**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	4.08	110	95.51	96.81
Potassium/AA*filtered	**3.08**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**79.5**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**3.81**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	**0.118**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.34	95.02	100.76	88.06
Zinc/ICP	**0.0677**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**290**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**89.7**	mg/L	0.5	<0.5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**99.6**	mg/L	10	<10	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	<1	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	<1	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	<1	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	<1	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	85.2	85.4	63.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	88.4	91.6	66.9
Anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3.7	87.2	84.1	82.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.3	112.3	88	101.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	5.6	87.5	82.5	83.9
Chrysene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.5	100.4	86.5	74.3

ANALYSYS

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: HDO EO 2019
Sample Name: MW 12

Report#/Lab ID#: 138332
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	63.4	80.1	53.1
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

ANALYSYS

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 12	**Report#/Lab ID#:** 138332 **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	102	88-110	---
2-Fluorobiphenyl	8270c	65.5	43-116	---
Nitrobenzene-d5	8270c	93.9	35-114	---
Terphenyl-d14	8270c	81.1	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138332 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
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
Arsenic/ICP	J	See J-flag discussion above.
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/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#: 138333 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 13
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 12:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
A/BN Extraction-PAH	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	**670**	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	**15.4**	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	J	12.55	118.4	98.88	97.52
Barium/ICP	**1.38**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	---	13.33	116.1	98.1	104.27
Boron/ICP	**0.345**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	**81**	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	**0.0117**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	7.82	97.86	95.32	99.46
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	2.17	103.46	98.19	96.97
Copper/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	0	96.01	97.04	101.35
Iron/ICP	**7.31**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	108.45	101.48	107.16
Magnesium/ICP*filtered	**41**	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	**0.492**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	3.14	97.01	98.04	88.14

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: HDO EO 2019
Sample Name: MW 13

Report#/Lab ID#: 138333
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	4.08	110	95.51	96.81
Potassium/AA*filtered	**5.43**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**79.7**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**5.04**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	**0.0307**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.34	95.02	100.76	88.06
Zinc/ICP	**0.0261**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**350**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**122**	mg/L	5	<5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**71.6**	mg/L	10	<10	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	**1.82**	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	<1	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	<1	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	<1	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	<1	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	85.2	85.4	63.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	88.4	91.6	66.9
Anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3.7	87.2	84.1	82.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.3	112.3	88	101.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	5.6	87.5	82.5	83.9
Chrysene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.5	100.4	86.5	74.3

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 13	**Report#/Lab ID#:** 138333 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	63.4	80.1	53.1
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

ANALYSYS
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Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 138333
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	99.9	80-120	---
Toluene-d8	8260b	103	88-110	---
2-Fluorobiphenyl	8270c	74.1	43-116	---
Nitrobenzene-d5	8270c	104	35-114	---
Terphenyl-d14	8270c	86.5	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138333 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
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
Arsenic/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Copper/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.

Notes:

ANALYSYS

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

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

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

Report#/Lab ID#: 138334 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 14
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 12:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	**1100**	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	**63.9**	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	**0.0701**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	12.55	118.4	98.88	97.52
Barium/ICP	**3.12**	mg/L	0.1	<0.1	01/22/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	J	13.33	116.1	98.1	104.27
Boron/ICP	**0.404**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	**117**	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	**0.0624**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	7.82	97.86	95.32	99.46
Cobalt/ICP	**0.0209**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.17	103.46	98.19	96.97
Copper/ICP	**0.0344**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	96.01	97.04	101.35
Iron/ICP	**35.1**	mg/L	0.5	<0.5	01/22/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	**0.0329**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	108.45	101.48	107.16
Magnesium/ICP*filtered	**58.8**	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	**1.58**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	3.14	97.01	98.04	88.14

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

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: HDO EO 2019
Sample Name: MW 14

Report#/Lab ID#: 138334
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	**0.0551**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	4.08	110	95.51	96.81
Potassium/AA*filtered	**4.08**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**146**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**5.65**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	**0.0903**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.34	95.02	100.76	88.06
Zinc/ICP	**0.0939**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**380**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**375**	mg/L	5	<5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**46.7**	mg/L	1	<1	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	**70.8**	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	**134**	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	**10.5**	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	**7.98**	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	**6.84**	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	85.2	85.4	63.7
Acenaphthylene	**0.098**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	88.4	91.6	66.9
Anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	3.7	87.2	84.1	82.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.3	112.3	88	101.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	J	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	5.6	87.5	82.5	83.9
Chrysene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	**0.372**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.5	100.4	86.5	74.3

ANALYSYS

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: HDO EO 2019
Sample Name: MW 14

Report#/Lab ID#: 138334
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	**8.42**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	63.4	80.1	53.1
Phenanthrene	**0.396**	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

ANALYSYS

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Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 138334
Attn: Ken Dutton	**Sample Name:** MW 14	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	101	88-110	---
2-Fluorobiphenyl	8270c	65.7	43-116	---
Nitrobenzene-d5	8270c	92.2	35-114	---
Terphenyl-d14	8270c	85.4	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138334 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
Sample Name: MW 14

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
Beryllium/ICP	J	See J-flag discussion above.
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#: 138335 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: MW 15
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 12:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	01/15/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/16/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	01/20/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	01/16/03	3005A	---	---	---	---	---
Total dissolved solids	**505**	mg/L	1	<1	01/15/03	160.1	---	4.65	-NA-	-NA-	-NA-
Aluminum/ICP	**9.31**	mg/L	0.2	<0.2	01/22/03	6010 & 200.7	---	0.55	101.87	103.35	98.48
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	J	12.55	118.4	98.88	97.52
Barium/ICP	**0.335**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	6.35	103.16	98.94	116.28
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	01/21/03	6010 & 200.7	---	13.33	116.1	98.1	104.27
Boron/ICP	**0.157**	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	8.33	76.76	97.83	98.81
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	01/21/03	6010 & 200.7	---	0	92.26	101.92	84.19
Calcium/ICP*filtered	**52.8**	mg/L	10	<10	01/21/03	6010 & 200.7	---	2.5	95.83	98.54	93.22
Chromium/ICP	<0.01	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	J	7.82	97.86	95.32	99.46
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	2.17	103.46	98.19	96.97
Copper/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	96.01	97.04	101.35
Iron/ICP	**4.7**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.66	104.93	98.82	101.08
Lead/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	---	0	108.45	101.48	107.16
Magnesium/ICP*filtered	**22.9**	mg/L	5	<5	01/21/03	6010 & 200.7	---	5.04	99.53	101.16	96.31
Manganese/ICP	**0.295**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	0	99.07	97.82	117.57
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/16/03	245.1&7470	---	2.33	87	100	100
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	3.14	97.01	98.04	88.14

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: HDO EO 2019
Sample Name: MW 15

Report#/Lab ID#: 138335
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Nickel/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	4.08	110	95.51	96.81
Potassium/AA*filtered	**5.15**	mg/L	0.25	<0.25	01/21/03	258.1&7610	---	10.97	110.28	102.01	105.99
Selenium/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	7.38	91.31	100.6	108.58
Silver/GFAA	<0.002	mg/L	0.002	<0.002	01/21/03	272.2&7761	---	3.28	113.76	87.5	116
Sodium/ICP*filtered	**55.8**	mg/L	50	<50	01/21/03	6010 & 200.7	---	4.29	99.35	99.2	100.09
Strontium/ICP	**3.54**	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	0.76	103.44	98.58	103.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	01/21/03	6010 & 200.7	---	9.6	111.38	95.6	99.14
Vanadium/ICP	<0.02	mg/L	0.02	<0.02	01/21/03	6010 & 200.7	J	2.34	95.02	100.76	88.06
Zinc/ICP	**0.0161**	mg/L	0.01	<0.01	01/21/03	6010 & 200.7	---	3.24	108.18	97.24	100.62
Alkalinity, bicarbonate	**220**	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	01/15/03	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	**55.9**	mg/L	0.5	<0.5	01/15/03	325.2&9251	---	0.93	102.74	108.47	97.44
Sulfate	**70.2**	mg/L	10	<10	01/15/03	375.4&9038	---	0	100.7	101.15	102.67
Extractable organics-PAH	---	---	---	---	01/20/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		01/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	01/17/03	8260b	---	3.2	123.4	110.9	113.4
Ethylbenzene	<1	µg/L	1	<1	01/17/03	8260b	---	7.6	92.5	86.1	91.1
m,p-Xylenes	<1	µg/L	1	<1	01/17/03	8260b	---	6.8	93.2	84.8	90.2
o-Xylene	<1	µg/L	1	<1	01/17/03	8260b	---	7.5	97.4	86.4	93.5
Toluene	<1	µg/L	1	<1	01/17/03	8260b	---	3.4	98.3	88.1	90.9
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	85.2	85.4	63.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	88.4	91.6	66.9
Anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3.7	87.2	84.1	82.9
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.3	112.3	88	101.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	109.9	96.3	101.7
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.5	102.8	86.1	88.9
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.9	103.6	90.1	96
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	5.6	87.5	82.5	83.9
Chrysene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.8	111.6	89.6	111.3
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	2.8	88.6	80.3	82.3
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	3	101.1	101.6	101.6
Fluorene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.5	100.4	86.5	74.3

ANALYSIS

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:** HDO EO 2019 **Sample Name:** MW 15	**Report#/Lab ID#:** 138335 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	1.6	85.6	81.3	79
Naphthalene	**0.06**	µg/L	0.05	<0.05	01/20/03	8270c	---	1.2	63.4	80.1	53.1
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.2	104.6	88.6	91.9
Pyrene	<0.05	µg/L	0.05	<0.05	01/20/03	8270c	---	0.4	110	93.1	109

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** MW 15	**Report#/Lab ID#:** 138335 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	101	88-110	---
2-Fluorobiphenyl	8270c	77	43-116	---
Nitrobenzene-d5	8270c	104	35-114	---
Terphenyl-d14	8270c	93	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 138335 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
Sample Name: MW 15

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Vanadium/ICP	J	See J-flag discussion above.

Notes: _____

ANALYSYS

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

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

Report#/Lab ID#: 138336 **Report Date:** 01/24/03
Project ID: HDO EO 2019
Sample Name: EB 1
Sample Matrix: water
Date Received: 01/14/2003 **Time:** 15:00
Date Sampled: 01/10/2003 **Time:** 13:10

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	---		---		01/15/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	01/15/03	8260b	---	10.4	93.4	82.9	89
Ethylbenzene	<1	µg/L	1	<1	01/15/03	8260b	---	11.6	97.6	99.1	99.5
m,p-Xylenes	<1	µg/L	1	<1	01/15/03	8260b	---	11.8	98.5	98.2	100.9
o-Xylene	<1	µg/L	1	<1	01/15/03	8260b	---	11.9	100.6	96.7	103.1
Toluene	<1	µg/L	1	<1	01/15/03	8260b	---	11	97.5	84.1	89.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS

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:** HDO EO 2019	**Report#/Lab ID#:** 138336
Attn: Ken Dutton	**Sample Name:** EB 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.6	80-120	---
Toluene-d8	8260b	97.9	88-110	---

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

CHAIN-OF-CUSTODY

COC:ΦΦ7

AnalySys Inc. 4882

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

Send Reports To:

Company Name E. T. G. I.
Address 3540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Ken Griffin
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#: HBD EC 3919 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021	PAH 8100	Cations 6010	Anions 300.0	TDS 160.1	Metals 6010			Comments
MW-9	1-14-03	1025	6		X		138329	X	X	X	X	X	X			
MW-10	↓	1200	↓		↓		138330	↓	↓	↓	↓	↓	↓			
MW-11		1200					138331									
MW-12		1210					138332									
MW-13		1225					138333									
MW-14		1235					138334									
MW-15		1245					138335									
EB-1		1310	2				138336									

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

Temp: 3.3°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E. T. G. I.	1-13-03	0800	Melanie Humphries	ASI	1/14/03	15:00

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

FILE

ANALYSYS INC

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

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

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

Report#/Lab ID#: 139444 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-1
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 07:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	4.6	78.8	87.8	70.9
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	2.9	105	98.5	103.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1	107.5	97.9	105.1
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	3.8	105.7	95.3	103.2
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	5.3	89.8	85.9	81.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 139444
Attn: Ken Dutton	**Sample Name:** WEHDO21103 MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC

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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#: 139445 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-4
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	4.6	78.8	87.8	70.9
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	2.9	105	98.5	103.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1	107.5	97.9	105.1
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	3.8	105.7	95.3	103.2
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	5.3	89.8	85.9	81.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 139445
Attn: Ken Dutton	**Sample Name:** WEHDO21103 MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.3	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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

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

Report#/Lab ID#: 139446 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-5
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 08:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-5	**Report#/Lab ID#:** 139446 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.6	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 139447 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-7
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **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	---		---		02/19/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/19/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/19/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/19/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/19/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/19/03	8260b	---	3.9	94.4	90.5	89.7

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Richard Laster

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Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 139447
Attn: Ken Dutton	**Sample Name:** WEHDO21103 MW-7	**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	104	88-110	---

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

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

Report#/Lab ID#: 139448 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-8
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **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	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	4.6	78.8	87.8	70.9
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	2.9	105	98.5	103.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	J	1	107.5	97.9	105.1
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	3.8	105.7	95.3	103.2
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	5.3	89.8	85.9	81.6

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-8	**Report#/Lab ID#:** 139448 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.5	80-120	---
Toluene-d8	8260b	93.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 139448 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-8

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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Hobbs, NM 88240

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

Report#/Lab ID#: 139449 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-3
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **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	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	**13600**	µg/L	100	<100	02/19/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	**13000**	µg/L	100	<100	02/19/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	**595**	µg/L	100	<100	02/19/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	**3.41**	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-3	**Report#/Lab ID#:** 139449 **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	97.1	88-110	---

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

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Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 139450 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-9
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	4.6	78.8	87.8	70.9
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	2.9	105	98.5	103.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1	107.5	97.9	105.1
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	3.8	105.7	95.3	103.2
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	5.3	89.8	85.9	81.6

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-9	**Report#/Lab ID#:** 139450 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.4	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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

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

Report#/Lab ID#: 139451 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-10
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **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	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-10	**Report#/Lab ID#:** 139451 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84	80-120	---
Toluene-d8	8260b	95.4	88-110	---

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

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

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

Report#/Lab ID#: 139452 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-11
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC
3512 Montopolis 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:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-11	**Report#/Lab ID#:** 139452 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.3	80-120	---
Toluene-d8	8260b	98.5	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 139453 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-12
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-12	**Report#/Lab ID#:** 139453 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.7	80-120	---
Toluene-d8	8260b	106	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 139454 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-13
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	1.77	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 139454
Attn: Ken Dutton	**Sample Name:** WEHDO21103 MW-13	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.7	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 139455 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-14
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **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]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	**92.9**	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	**260**	µg/L	1	<1	02/18/03	8260b	---	0.5	103.9	98.4	105.2
m,p-Xylenes	**12.8**	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	**1.4**	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	**6.56**	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

Respectfully Submitted,

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** HDO EO 2019 **Sample Name:** WEHDO21103 MW-14	**Report#/Lab ID#:** 139455 **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	105	88-110	---

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

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

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

Report#/Lab ID#: 139456 **Report Date:** 02/20/03
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-15
Sample Matrix: water
Date Received: 02/14/2003 **Time:** 13:00
Date Sampled: 02/11/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/18/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/18/03	8260b	---	2	79.1	88.3	78.2
Ethylbenzene	<1	µg/L	1	<1	02/18/03	8260b	J	0.5	103.9	98.4	105.2
m,p-Xylenes	<1	µg/L	1	<1	02/18/03	8260b	---	1.2	106.1	97.5	107.7
o-Xylene	<1	µg/L	1	<1	02/18/03	8260b	---	0	101.1	92.3	104.4
Toluene	<1	µg/L	1	<1	02/18/03	8260b	---	3.9	94.4	90.5	89.7

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** HDO EO 2019	**Report#/Lab ID#:** 139456
Attn: Ken Dutton	**Sample Name:** WEHDO21103 MW-15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.4	80-120	---
Toluene-d8	8260b	95.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 139456 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: HDO EO 2019
Sample Name: WEHDO21103 MW-15

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
Ethylbenzene	J	See J-flag discussion above.

Notes:

CHAIN-OF-CUSTODY

C.O.C. #9

5102

ANALYSYS INC.

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

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: HDO EO 2019 Sampler: Justin Frost

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
WE HDO 21103 MW-1	2-11-03	7:30	2		X		139444	X	
WE HDO 21103 MW-4	2-11-03	8:00	2		X		139445	X	
WE HDO 21103 MW-5	2-11-03	8:30	2		X		139446	X	
WE HDO 21103 MW-7	2-11-03	9:00	2		X		139447	X	
WE HDO 21103 MW-8	2-11-03	9:30	2		X		139448	X	
WE HDO 21103 MW-3	2-11-03	10:00	2		X		139449	X	
WE HDO 21103 MW-9	2-11-03	10:30	2		X		139450	X	
WE HDO 21103 MW-10	2-11-03	11:00	2		X		139451	X	
WE HDO 21103 MW-11	2-11-03	11:30	2		X		139452	X	
WE HDO 21103 MW-12	2-11-03	12:00	2		X		139453	X	

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

T=5.1°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Justin Frost	ETGI	2-11-03		Melanie Humphrey	ASI	2/14/03	13:00

[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

C.O.C. #19

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

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: HDO EO 2019 Sampler: Justin Frisk

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
WE HDO 21103 MW-13	2-11-03	12:30	2		X		139454	X	
WE HDO 21103 MW-14	2-11-03	1:00	2		X		139455	X	
WE HDO 21103 MW-15	2-11-03	1:30	2		X		139456	X	

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

T = 5.1°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Justin Frisk	ETGI	2-11-03		Melanie Humphrey	ASI	2/14/03	13:00

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

FILE

ANALYSYS INC

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

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

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

Report#/Lab ID#: 142941 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-1
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **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	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Respectfully Submitted,

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ANALYSIS INC

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142941
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	89.3	80-120	---
Toluene-d8	8260b	107	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 142942 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-3
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	2180	µg/L	100	<100	05/28/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	1060	µg/L	100	<100	05/28/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	40.8	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142942
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	102	80-120	---
Toluene-d8	8260b	107	88-110	---

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

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

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

Report#/Lab ID#: 142943 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-4
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **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	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142943
Attn: Ken Dutton	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.4	80-120	---
Toluene-d8	8260b	106	88-110	---

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

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

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

Report#/Lab ID#: 142944 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-5
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142944
Attn: Ken Dutton	**Sample Name:** MW-5	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89	80-120	---
Toluene-d8	8260b	107	88-110	---

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

AnalySys, Inc.

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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#: 142945 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-7
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142945
Attn: Ken Dutton	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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Client: Environmental Tech Group
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Hobbs, NM 88240

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

Report#/Lab ID#: 142946 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-8
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 **Sample Name:** MW-8	**Report#/Lab ID#:** 142946 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.5	80-120	---
Toluene-d8	8260b	105	88-110	---

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

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

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

Report#/Lab ID#: 142947 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-9
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **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]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142947
Attn: Ken Dutton	**Sample Name:** MW-9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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

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

Report#/Lab ID#: 142948 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-10
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142948
Attn: Ken Dutton	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.2	80-120	---
Toluene-d8	8260b	105	88-110	---

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

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Attn: Ken Dutton
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142949 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-11
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142949
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	91.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 142950 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-12
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142950
Attn: Ken Dutton	**Sample Name:** MW-12	**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	107	88-110	---

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

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

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

Report#/Lab ID#: 142951 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-13
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142951
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	90.6	80-120	---
Toluene-d8	8260b	106	88-110	---

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

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

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

Report#/Lab ID#: 142952 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-14
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	46.2	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	138	µg/L	1	<1	05/27/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	7.97	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	J	0.2	109.3	107.2	111.2
Toluene	2.82	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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Respectfully Submitted,

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Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142952
Attn: Ken Dutton	**Sample Name:** MW-14	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.1	80-120	---
Toluene-d8	8260b	99	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 142952 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2019
Sample Name: MW-14

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 142953 **Report Date:** 05/29/03
Project ID: EO 2019
Sample Name: MW-15
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 16:00

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	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	<1	µg/L	1	<1	05/27/03	8260b	J	0.3	99.4	98.7	100.2
m,p-Xylenes	<1	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	<1	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	---	1.9	91.7	118.1	78.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142953
Attn: Ken Dutton	**Sample Name:** MW-15	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.1	80-120	---
Toluene-d8	8260b	108	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 142953 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2019
Sample Name: MW-15

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.
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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

AnalySys Inc

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

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

Report#/Lab ID#: *142954* ***Report Date:*** *05/29/03*
Project ID: EO 2019
Sample Name: RW-1
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 16:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	1130	µg/L	100	<100	05/28/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	293	µg/L	100	<100	05/28/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	47.7	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	1.25	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	J	1.9	91.7	118.1	78.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 **Sample Name:** RW-1	**Report#/Lab ID#:** 142954 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	80-120	---
Toluene-d8	8260b	106	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 142954 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2019
Sample Name: RW-1

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: *142955* **Report Date:** *05/29/03*
Project ID: EO 2019
Sample Name: RW-2
Sample Matrix: water
Date Received: 05/21/2003 **Time:** 09:45
Date Sampled: 05/15/2003 **Time:** 17:00

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	---		---		05/27/03	8260b	---	---	---	---	---
Benzene	801	µg/L	10	<10	05/28/03	8260b	---	1.9	84.7	90	74.1
Ethylbenzene	448	µg/L	10	<10	05/28/03	8260b	---	0.3	99.4	98.7	100.2
m,p-Xylenes	67.7	µg/L	1	<1	05/27/03	8260b	---	1.5	114.1	111	115.6
o-Xylene	1.92	µg/L	1	<1	05/27/03	8260b	---	0.2	109.3	107.2	111.2
Toluene	<1	µg/L	1	<1	05/27/03	8260b	J	1.9	91.7	118.1	78.8

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Client: Environmental Tech Group	**Project ID:** EO 2019	**Report#/Lab ID#:** 142955
Attn: Ken Dutton	**Sample Name:** RW-2	**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	99.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 142955 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2019
Sample Name: RW-2

Sample Temperature/Condition <=6°C

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

CHAIN-OF-CUSTODY

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City Hobbs State N.M. Zip 88240
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Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):

Company Name Estt
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EO 2019 Sampler: Juston Frisk

Analyses Requested (
Please attach explanatory information as

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	5-15-03	10:00	2		X			X	
MW-3	5-15-03	10:30	2		X			X	
MW-4	5-15-03	11:00	2		X			X	
MW-5	5-15-03	11:30	2		X			X	
MW-7	5-15-03	12:00	2		X			X	
MW-8	5-15-03	12:30	2		X			X	
MW-9	5-15-03	1:00	2		X			X	
MW-10	5-15-03	1:30	2		X			X	
MW-11	5-15-03	2:00	2		X			X	
MW-12	5-15-03	2:30	2		X			X	

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

T = 4.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Tim
Justin Frisk	ETGI	5-15-03	[illegible]	ASE	ASI	5-21-03	09:4

[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

AnalySys Inc
3512 Montopolis Drive, Austin, TX 78
Phone (512) 385-5886 Fax (512) 385
2209 N PLD, Ste K Corpus Christi, TX
Phone (361) 289 6384 Fax (361) 289

Send Reports To:

Company Name Environmental Technology Group Inc.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Ken Cotton
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):

Company Name E+A
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EO 2019 Sampler: Justin Frist

Analyses Requested (1
Please attach explanatory information as

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021b	Comments
MW-13	5-15-03	3:00	2		X				
MW-14	5-15-03	3:30	2		X				
MW-15	5-15-03	4:00	2		X				
RC-1	5-15-03	4:30	2		X				
RW-2	5-15-03	5:00	2		X			X	

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

T= 4.5° C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	ETGI	5-6-03		E. [illegible]	ASE	5-1-03	0934

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

FILE

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

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

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

Report#/Lab ID#: 146829 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-1
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **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	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 HDO **Sample Name:** MW-1	**Report#/Lab ID#:** 146829 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

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#: 146830 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-3
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	3000	µg/L	100	<100	09/08/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	617	µg/L	100	<100	09/08/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	15.8	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

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

Respectfully Submitted.

Richard Laster

Richard Laster

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

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:** EO 2019 HDO **Sample Name:** MW-3	**Report#/Lab ID#:** 146830 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.5	80-120	---
Toluene-d8	8260b	109	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 146831 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-4
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/08/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/08/03	8260b	---	0.5	87.6	87.6	89
Ethylbenzene	<1	µg/L	1	<1	09/08/03	8260b	J	3.8	103.7	101.8	101.2
m,p-Xylenes	<1	µg/L	1	<1	09/08/03	8260b	---	3.5	105.2	101.6	102.2
o-Xylene	<1	µg/L	1	<1	09/08/03	8260b	---	4.1	103.5	99.4	101.7
Toluene	<1	µg/L	1	<1	09/08/03	8260b	---	1.5	100.2	98.6	99.5

Respectfully Submitted.

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** EO 2019 HDO	**Report#/Lab ID#:** 146831
Attn: Ken Dutton	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.2	80-120	---
Toluene-d8	8260b	104	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 146831 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2019 HDO
Sample Name: MW-4

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	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#: 146832 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-5
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 12:30

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	---		---		09/08/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/08/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/08/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/08/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/08/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/08/03	8260b	---	18.9	90.8	90.7	100.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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:** EO 2019 HDO **Sample Name:** MW-5	**Report#/Lab ID#:** 146832 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

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#: 146833 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-7
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **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]
Volatile organics-8260b/BTEX	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	J	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** EO 2019 HDO	**Report#/Lab ID#:** 146833
Attn: Ken Dutton	**Sample Name:** MW-7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.8	80-120	---
Toluene-d8	8260b	108	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 146833 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: EO 2019 HDO
Sample Name: MW-7

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes: _____

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

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

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

Report#/Lab ID#: 146834 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-8
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

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

Respectfully Submitted.

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 HDO **Sample Name:** MW-8	**Report#/Lab ID#:** 146834 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.2	80-120	---
Toluene-d8	8260b	110	88-110	---

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

ANALYSYS

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

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

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

Report#/Lab ID#: 146835 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-9
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 HDO **Sample Name:** MW-9	**Report#/Lab ID#:** 146835 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.3	80-120	---
Toluene-d8	8260b	109	88-110	---

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

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

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

Report#/Lab ID#: 146836 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-10
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 14:30

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	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2019 HDO	**Report#/Lab ID#:** 146836
Attn: Ken Dutton	**Sample Name:** MW-10	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.9	80-120	---
Toluene-d8	8260b	109	88-110	---

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

AnalySys

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

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

Report#/Lab ID#: 146837 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-11
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	18.7	88.8	90.5	99.4
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	2.3	115.6	119.4	110.6
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	2.9	112.1	113.4	104.6
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	3.7	112.7	114	109.9
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	18.9	90.8	90.7	100.8

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 HDO **Sample Name:** MW-11	**Report#/Lab ID#:** 146837 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.2	80-120	---
Toluene-d8	8260b	109	88-110	---

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

AnalySys, Inc.

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

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

Report#/Lab ID#: 140838 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-12
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 15:30

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	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	0.5	87.6	87.6	89
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	3.8	103.7	101.8	101.2
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	3.5	105.2	101.6	102.2
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	4.1	103.5	99.4	101.7
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	1.5	100.2	98.6	99.5

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

Respectfully Submitted.

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** EO 2019 HDO	**Report#/Lab ID#:** 146838
Attn: Ken Dutton	**Sample Name:** MW-12	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.6	80-120	---
Toluene-d8	8260b	102	88-110	---

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

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 146839 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-13
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 16:00

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	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	0.5	87.6	87.6	89
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	3.8	103.7	101.8	101.2
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	3.5	105.2	101.6	102.2
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	4.1	103.5	99.4	101.7
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	1.5	100.2	98.6	99.5

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** EO 2019 HDO	**Report#/Lab ID#:** 146839
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	90.6	80-120	---
Toluene-d8	8260b	102	88-110	---

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

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

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

Report#/Lab ID#: 146840 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-14
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 16:30

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	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	25.6	µg/L	1	<1	09/05/03	8260b	---	0.5	87.6	87.6	89
Ethylbenzene	84.6	µg/L	1	<1	09/05/03	8260b	---	3.8	103.7	101.8	101.2
m,p-Xylenes	3.06	µg/L	1	<1	09/05/03	8260b	---	3.5	105.2	101.6	102.2
o-Xylene	2.12	µg/L	1	<1	09/05/03	8260b	---	4.1	103.5	99.4	101.7
Toluene	3.3	µg/L	1	<1	09/05/03	8260b	---	1.5	100.2	98.6	99.5

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** EO 2019 HDO **Sample Name:** MW-14	**Report#/Lab ID#:** 146840 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.7	80-120	---
Toluene-d8	8260b	101	88-110	---

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

ANALYSYS

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 146841 **Report Date:** 09/10/03
Project ID: EO 2019 HDO
Sample Name: MW-15
Sample Matrix: water
Date Received: 09/03/2003 **Time:** 13:40
Date Sampled: 08/26/2003 **Time:** 17:00

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	---		---		09/05/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/05/03	8260b	---	0.5	87.6	87.6	89
Ethylbenzene	<1	µg/L	1	<1	09/05/03	8260b	---	3.8	103.7	101.8	101.2
m,p-Xylenes	<1	µg/L	1	<1	09/05/03	8260b	---	3.5	105.2	101.6	102.2
o-Xylene	<1	µg/L	1	<1	09/05/03	8260b	---	4.1	103.5	99.4	101.7
Toluene	<1	µg/L	1	<1	09/05/03	8260b	---	1.5	100.2	98.6	99.5

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** EO 2019 HDO	**Report#/Lab ID#:** 146841
Attn: Ken Dutton	**Sample Name:** MW-15	**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	102	88-110	---

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

CHAIN-OF-CUSTODY

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AnalySys Inc.

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Send Report To:
Company Name Environmental Technology Group
Address 2540 W. Marland
City Hobbs State N.M. Zip 88240
ATTN: Ken Dutton
Phone (505) 397-4882 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: ..... 2019 HDO Sampler: Justin Frank

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021 B	Comments
MW-1	8-26-03	11:00	2		X		146829	X	
MW-3	8-26-03	11:30	2		X		146830	X	
MW-4	8-26-03	12:00	2		X		146831	X	
MW-5	8-26-03	12:30	2		\		146832	X	
MW-7	8-26-03	1:00	2		X		146833	X	
MW-8	8-26-03	1:30	2		\		146834	X	
MW-9	8-26-03	2:00	2		\		146835	X	
MW-10	8-26-03	2:30	2		X		146836	X	
MW-11	8-26-03	3:00	2		X		146837	X	
MW-12	8-26-03	3:30	2		\		146838	X	

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's 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.

Sample Relinquished By				Sample Received By T- 3.7°c			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[signature]	ETGI	8-26-03		E. [signature]	ASI	9-3-03	13:40

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

AnalySys Inc.
3512 Montopolis Drive, Austin, TX 78741
Phone: (512) 385-5886 Fax: (512) 385-7411
2209 N.P.L.D., Ste K, Corpus Christi, TX 78408
Phone: (361) 289-6384 Fax: (361) 289-0875

Send Report To:
Company Name Environmental Technology Group
Address 2540 W. Marland
City Hobbs State N.M. Zip 88240
ATTN: Ken Dutton
Phone (505) 397-4882 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 50 2019 H00 Sampler: Justin Fiske

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021b								Comments
MW-13	8-26-03	4:00	2		+		146839	+								
MW-14	8-26-03	4:30	2		+		146840	+								
MW-15	8-26-03	5:00	2		+		146841	+								

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.

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	ETGI	8-26-03		E. [illegible]	ASI	9-3-03	13:40

T = 3.8°C

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

FILE

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150039 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-1
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 12:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	0.273	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0152	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	0.0742	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.343	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	42.5	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	0.268	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	13.2	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0065	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-1

Report#/Lab ID#: 150039
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]
Potassium/AA*filtered	2.43	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	69.6	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	0.876	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0546	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0087	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

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:** EO2019 HDO	**Report#/Lab ID#:** 150039
Attn: Jerry Brian	**Sample Name:** MW-1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.8	80-120	---
Toluene-d8	8260b	101	88-110	---
2-Fluorobiphenyl	8270c	46.6	43-116	---
Nitrobenzene-d5	8270c	52	35-114	---
Terphenyl-d14	8270c	46.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150039 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
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
Chromium/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Manganese/ICP	J	See J-flag discussion above.
Selenium/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: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150040 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-2
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	0.459	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0475	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	5.72	mg/L	0.5	<0.5	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.966	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	107	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	5.6	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	61.9	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.205	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.54	100.57	100.74	96.64

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 Elton

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

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

Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-2

Report#/Lab ID#: 150040
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]
Potassium/AA*filtered	2.37	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	404	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	5.33	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0214	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/04/03	8260b(5030/5035)	---	---	---	---	---
Benzene	7530	µg/L	100	<100	12/08/03	8260b	---	0.1	88.1	83.4	84.7
Ethylbenzene	2660	µg/L	100	<100	12/08/03	8260b	---	0.5	112.9	109.8	105.9
m,p-Xylenes	1020	µg/L	20	<20	12/04/03	8260b	---	1	113.5	111.8	106.8
o-Xylene	34.3	µg/L	10	<10	12/04/03	8260b	---	1.6	118.3	117	112.2
Toluene	<10	µg/L	10	<10	12/04/03	8260b	---	0.2	94.3	90.1	88.9
Acenaphthene	0.175	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	0.054	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	J	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	J	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	1.36	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	49.7	µg/L	0.5	<0.5	12/30/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	1.17	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group	**Project ID:** EO2019 HDO	**Report#/Lab ID#:** 150040
Attn: Jerry Brian	**Sample Name:** MW-2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	113	80-120	---
Toluene-d8	8260b	102	88-110	---
2-Fluorobiphenyl	8270c	54.1	43-116	---
Nitrobenzene-d5	8270c	83	35-114	---
Terphenyl-d14	8270c	53.8	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150040 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
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
Chromium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.

Notes: _____

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150041 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-3
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 12:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	1.36	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	1.86	105.8	101.6	94.96
Barium/ICP	0.687	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	J	2.44	90.81	95.5	95.52
Boron/ICP	6.82	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	91.3	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	5.73	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	257	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.128	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.54	100.57	100.74	96.64

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 Elton

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

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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-3

Report#/Lab ID#: 150041
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]
Potassium/AA*filtered	43.3	mg/L	2.5	<2.5	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	2690	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	6.72	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.49	95.45	98.68	81.98
Zinc/ICP	0.0144	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/30/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	3000	µg/L	100	<100	12/08/03	8260b	---	0.1	88.1	83.4	84.7
Ethylbenzene	407	µg/L	100	<100	12/08/03	8260b	---	0.5	112.9	109.8	105.9
m,p-Xylenes	14.5	µg/L	2	<2	12/03/03	8260b	---	1	113.5	111.8	106.8
o-Xylene	1.21	µg/L	1	<1	12/03/03	8260b	---	1.6	118.3	117	112.2
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	0.2	94.3	90.1	88.9
Acenaphthene	0.059	µg/L	0.05	<0.05	12/30/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	0.066	µg/L	0.05	<0.05	12/30/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	0.773	µg/L	0.05	<0.05	12/30/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	0.777	µg/L	0.05	<0.05	12/30/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	0.564	µg/L	0.05	<0.05	12/30/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-3	**Report#/Lab ID#:** 150041 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	117	80-120	---
Toluene-d8	8260b	100	88-110	---
2-Fluorobiphenyl	8270c	45.6	43-116	---
Nitrobenzene-d5	8270c	48.7	35-114	---
Terphenyl-d14	8270c	50.5	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150041 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-3

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Beryllium/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Vanadium/ICP	J	See J-flag discussion above.

Notes: _____

ANALYSYS

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs *NM* 88240

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

Report#/Lab ID#: 150042 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-4
Sample Matrix: *water*
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **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	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	3.26	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	1.86	105.8	101.6	94.96
Barium/ICP	0.165	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.207	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	J	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	51.8	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0056	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	2.03	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	19.7	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.0276	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.54	100.57	100.74	96.64

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 Elton

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

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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-4

Report#/Lab ID#: 150042
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]
Potassium/AA*filtered	2.84	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	0.0164	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	54	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	1.7	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0693	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0138	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group	**Project ID:** EO2019 HDO	**Report#/Lab ID#:** 150042
Attn: Jerry Brian	**Sample Name:** MW-4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95	80-120	---
Toluene-d8	8260b	102	88-110	---
2-Fluorobiphenyl	8270c	46.3	43-116	---
Nitrobenzene-d5	8270c	53.6	35-114	---
Terphenyl-d14	8270c	66	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150042 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-4

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Cadmium/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.

Notes: _____

ANALYSYS

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150043 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-5
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 13:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	37.4	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0308	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	2.73	mg/L	0.5	<0.5	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	J	2.44	90.81	95.5	95.52
Boron/ICP	0.425	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	83.4	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0946	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	0.0119	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	0.0351	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	23.1	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	0.0254	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	30.9	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.577	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0084	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.0489	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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

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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-5

Report#/Lab ID#: 150043
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]
Potassium/AA*filtered	4.73	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	0.0131	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	127	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	2.89	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.149	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.215	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-5	**Report#/Lab ID#:** 150043 **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	104	88-110	---
2-Fluorobiphenyl	8270c	45.6	43-116	---
Nitrobenzene-d5	8270c	53.3	35-114	---
Terphenyl-d14	8270c	57	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150043 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-5

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Beryllium/ICP	J	See J-flag discussion above.

Notes:

ANALYSYS

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150044 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-7
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	9.37	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	1.86	105.8	101.6	94.96
Barium/ICP	0.356	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.306	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	56.5	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0094	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	4.87	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	20.2	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.0783	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.007	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.0102	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-7

Report#/Lab ID#: 150044
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]
Potassium/AA*filtered	3.01	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	0.0206	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	63	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	1.45	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0437	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0364	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

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:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-7	**Report#/Lab ID#:** 150044 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.7	80-120	---
Toluene-d8	8260b	106	88-110	---
2-Fluorobiphenyl	8270c	47	43-116	---
Nitrobenzene-d5	8270c	46.1	35-114	---
Terphenyl-d14	8270c	47.4	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150044 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-7

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.

Notes:

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

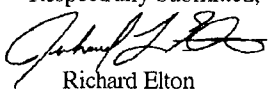
Report#/Lab ID#: 150045 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-8
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 13:45

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	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	5.82	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	1.86	105.8	101.6	94.96
Barium/ICP	0.346	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.412	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	0.0085	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	88.4	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0079	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	3.1	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	36.6	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.0687	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0052	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.0158	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

Respectfully Submitted,



Richard Elton

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

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

Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-8

Report#/Lab ID#: 150045
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]
Potassium/AA*filtered	3.75	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	0.0102	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	62.8	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	2.75	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0514	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0733	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

ANALYSIS

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:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-8	**Report#/Lab ID#:** 150045 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.6	80-120	---
Toluene-d8	8260b	105	88-110	---
2-Fluorobiphenyl	8270c	53.1	43-116	---
Nitrobenzene-d5	8270c	42.4	35-114	---
Terphenyl-d14	8270c	65	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150045 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-8

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.

Notes: _____

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240
Phone: (505) 397-4882 **FAX:** (505) 397-4701

Report#/Lab ID#: 150046 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-9
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	11.3	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	1.86	105.8	101.6	94.96
Barium/ICP	0.223	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.382	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	88.2	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0209	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	6.89	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	0.0113	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	31.5	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.116	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0123	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.012	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-9

Report#/Lab ID#: 150046
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]
Potassium/AA*filtered	3.78	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	0.0122	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	66.5	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	2.48	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0607	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0251	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/29/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/29/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-9	**Report#/Lab ID#:** 150046 **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	107	88-110	---
2-Fluorobiphenyl	8270c	48.6	43-116	---
Nitrobenzene-d5	8270c	45.3	35-114	---
Terphenyl-d14	8270c	49.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150046 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-9

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Copper/ICP	J	See J-flag discussion above.

Notes:

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150047 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-10
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 14:15

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	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	30.5	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0105	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	1.43	mg/L	0.5	<0.5	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	J	2.44	90.81	95.5	95.52
Boron/ICP	0.235	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	44	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0414	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.03	109.24	104.48	95.98
Copper/ICP	0.0171	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	18.8	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	0.0185	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	20.5	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.283	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0261	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.0227	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-10

Report#/Lab ID#: 150047
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]
Potassium/AA*filtered	4.5	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	59.5	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	2.19	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0678	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0608	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	01/06/04	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	3.4	46	107.6	42
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	4	46.5	107.7	42.3
Anthracene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.6	45.4	104.9	45.1
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.3	44.6	102.5	54.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.1	43.6	104.1	52.4
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.6	44.6	102.8	58
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.2	41.2	95	51.6
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	0.6	47.4	107.3	58
Chrysene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.9	46.1	102.1	58.1
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	0.4	42.6	96.7	53.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	3.4	45.9	108.5	55.7
Fluorene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	3.1	47.2	107.9	43.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	0.2	42.7	98.2	53.4
Naphthalene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	4.4	44.1	102.7	39.5
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.1	45.6	108.1	45.2
Pyrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.7	46	105.4	55.3

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-10	**Report#/Lab ID#:** 150047 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.6	80-120	---
Toluene-d8	8260b	106	88-110	---
2-Fluorobiphenyl	8270c	49.8	43-116	---
Nitrobenzene-d5	8270c	60.7	35-114	---
Terphenyl-d14	8270c	52.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150047 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-10

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

A J flag data qualifier indicates (as required under 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
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.

Notes:

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150048 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-11
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	7.6	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0148	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	0.45	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.446	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	59.3	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0225	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	4.95	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	22.7	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.125	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0097	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.0134	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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

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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: *EO2019HDO*
Sample Name: MW-11

Report#/Lab ID#: 150048
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]
Potassium/AA*filtered	3.42	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	0.0133	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	76.6	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	1.7	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0748	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0567	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	01/06/04	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	3.4	46	107.6	42
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	4	46.5	107.7	42.3
Anthracene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.6	45.4	104.9	45.1
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.3	44.6	102.5	54.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.1	43.6	104.1	52.4
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.6	44.6	102.8	58
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.2	41.2	95	51.6
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	0.6	47.4	107.3	58
Chrysene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	1.9	46.1	102.1	58.1
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	0.4	42.6	96.7	53.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	3.4	45.9	108.5	55.7
Fluorene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	3.1	47.2	107.9	43.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	0.2	42.7	98.2	53.4
Naphthalene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	4.4	44.1	102.7	39.5
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.1	45.6	108.1	45.2
Pyrene	<0.05	µg/L	0.05	<0.05	01/06/04	8270c	---	2.7	46	105.4	55.3

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-11	**Report#/Lab ID#:** 150048 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95	80-120	---
Toluene-d8	8260b	106	88-110	---
2-Fluorobiphenyl	8270c	43.8	43-116	---
Nitrobenzene-d5	8270c	57.9	35-114	---
Terphenyl-d14	8270c	42.1	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150048 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
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
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.

Notes: _____

AnalySys, Inc.
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150049 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-12
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 14:45

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	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	7.59	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0155	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	0.324	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.43	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	65.7	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0115	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	4.33	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	25.1	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.0584	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0067	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.54	100.57	100.74	96.64

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 Elton

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

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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-12

Report#/Lab ID#: 150049
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]
Potassium/AA*filtered	3.2	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	75	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	1.96	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0696	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0247	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/30/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-12	**Report#/Lab ID#:** 150049 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	107	88-110	---
2-Fluorobiphenyl	8270c	45.2	43-116	---
Nitrobenzene-d5	8270c	55.5	35-114	---
Terphenyl-d14	8270c	66.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150049 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
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
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.

Notes:

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Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150050 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-13
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	43.7	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0193	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	2.74	mg/L	0.5	<0.5	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	J	2.44	90.81	95.5	95.52
Boron/ICP	0.38	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	83.1	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0423	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	0.0135	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	0.0207	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	23.8	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	0.0231	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	34.5	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.478	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	0.0076	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	0.0297	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

Respectfully Submitted,

Richard Elton

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

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-13

Report#/Lab ID#: 150050
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]
Potassium/AA*filtered	4.59	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	92.1	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	3.6	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.101	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0623	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/30/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/30/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-13	**Report#/Lab ID#:** 150050 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.2	80-120	---
Toluene-d8	8260b	106	88-110	---
2-Fluorobiphenyl	8270c	44.1	43-116	---
Nitrobenzene-d5	8270c	44.8	35-114	---
Terphenyl-d14	8270c	52.3	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150050 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
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
Beryllium/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.

Notes:

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150051 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: MW-15
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	21.4	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	0.0172	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	0.327	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	J	2.44	90.81	95.5	95.52
Boron/ICP	0.201	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	55.7	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0298	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.03	109.24	104.48	95.98
Copper/ICP	0.0144	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	14.9	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	0.0139	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	20.5	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.217	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	15.22	99	100	100
Molybdenum/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	J	2.61	113.33	102.8	99.49
Nickel/ICP	0.0165	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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

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Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: MW-15

Report#/Lab ID#: 150051
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]
Potassium/AA*filtered	3.26	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	51.6	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	1.83	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	0.0987	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0412	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/31/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/03/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	<1	µg/L	1	<1	12/03/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	<2	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	<1	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	<1	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** MW-15	**Report#/Lab ID#:** 150051 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95	80-120	---
Toluene-d8	8260b	109	88-110	---
2-Fluorobiphenyl	8270c	50.9	43-116	---
Nitrobenzene-d5	8270c	58.8	35-114	---
Terphenyl-d14	8270c	59.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150051 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: MW-15

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
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.

Notes: _____

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150052 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: RW-1
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 15:45

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	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/01/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/01/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	<0.2	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	120	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.8	120.31	99.02	86.7
Iron/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	J	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	55.1	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	3.08	96	105	105
Molybdenum/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.54	100.57	100.74	96.64

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 Elton

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	**Project ID:** EO2019 HDO	**Report#/Lab ID#:** 150052
Attn: Jerry Brian	**Sample Name:** RW-1	**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]
Potassium/AA*filtered	3.45	mg/L	0.25	<0.25	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	41.9	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	<0.04	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	2.49	95.45	98.68	81.98
Zinc/ICP	0.0128	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/31/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	3680	µg/L	100	<100	12/06/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	1600	µg/L	100	<100	12/06/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	44.3	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	3.22	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	1.05	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	0.091	µg/L	0.05	<0.05	12/31/03	8270c	---	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	7.84	µg/L	0.5	<0.5	12/30/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	0.055	µg/L	0.05	<0.05	12/31/03	8270c	---	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	1.6	55.1	104.4	53.2

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

Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** RW-1	**Report#/Lab ID#:** 150052 **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	106	88-110	---
2-Fluorobiphenyl	8270c	53	43-116	---
Nitrobenzene-d5	8270c	54.2	35-114	---
Terphenyl-d14	8270c	57.6	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150052 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: RW-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
Boron/ICP	J	See J-flag discussion above.
Iron/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.

Notes:

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

Client: Environmental Tech Group
Attn: Jerry Brian
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 150053 **Report Date:** 01/06/04
Project ID: EO2019 HDO
Sample Name: RW-2
Sample Matrix: water
Date Received: 11/26/2003 **Time:** 15:30
Date Sampled: 11/24/2003 **Time:** 16:00

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	---	---	---	---	12/01/03	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	12/01/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/02/03	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/02/03	3005a	---	---	---	---	---
Aluminum/ICP	4.07	mg/L	0.2	<0.2	12/09/03	6010 & 200.7	---	2.2	115.84	102.7	97.2
Arsenic/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	1.86	105.8	101.6	94.96
Barium/ICP	7.34	mg/L	0.5	<0.5	12/09/03	6010 & 200.7	---	0.47	90.35	99.64	79.42
Beryllium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.44	90.81	95.5	95.52
Boron/ICP	0.553	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	8.91	80.82	95.7	88.37
Cadmium/ICP	<0.002	mg/L	0.002	<0.002	12/09/03	6010 & 200.7	---	2.96	98.1	100.1	93.36
Calcium/ICP*filtered	124	mg/L	10	<10	12/09/03	6010 & 200.7	---	0.17	90.65	99.18	128.63
Chromium/ICP	0.0111	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.03	113.36	100.84	98.24
Cobalt/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	0.03	109.24	104.48	95.98
Copper/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.8	120.31	99.02	86.7
Iron/ICP	8.09	mg/L	2	<2	12/09/03	6010 & 200.7	---	0.41	88.17	102.9	95.2
Lead/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.99	94.66	101.04	102.86
Magnesium/ICP*filtered	92.3	mg/L	5	<5	12/09/03	6010 & 200.7	---	0	108.68	96.44	124.19
Manganese/ICP	0.175	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.29	99.32	98.96	94.56
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	12/02/03	245.2&7470	---	3.08	96	105	105
Molybdenum/ICP	<0.005	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	2.61	113.33	102.8	99.49
Nickel/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	0.54	100.57	100.74	96.64

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 Elton

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

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Jerry Brian

Project ID: EO2019 HDO
Sample Name: RW-2

Report#/Lab ID#: 150053
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]
Potassium/AA*filtered	11.2	mg/L	0.5	<0.5	12/04/03	258.1&7610	---	1.42	109.98	94.19	103.27
Selenium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	---	3.21	102.08	101.7	91.54
Silver/GFAA	<0.002	mg/L	0.002	<0.002	12/04/03	272.2&7761	---	1.85	96.33	82.5	106
Sodium/ICP*filtered	129	mg/L	40	<40	12/09/03	6010 & 200.7	---	0.05	85.05	97.75	85.04
Strontium/ICP	10.1	mg/L	0.04	<0.04	12/09/03	6010 & 200.7	---	0.26	91.17	100	81.76
Tin/ICP	<0.02	mg/L	0.02	<0.02	12/09/03	6010 & 200.7	---	0.94	114.85	101.5	99.68
Vanadium/ICP	<0.01	mg/L	0.01	<0.01	12/09/03	6010 & 200.7	J	2.49	95.45	98.68	81.98
Zinc/ICP	0.0134	mg/L	0.005	<0.005	12/09/03	6010 & 200.7	---	0.5	78.26	99.12	107.65
Extractable organics-PAH	---	---	---	---	12/31/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/03/03	8260b(5030/5035)	---	---	---	---	---
Benzene	302	µg/L	10	<10	12/06/03	8260b	---	2.4	102.1	98.3	93.2
Ethylbenzene	724	µg/L	10	<10	12/06/03	8260b	---	0	113.7	113.8	103.9
m,p-Xylenes	133	µg/L	2	<2	12/03/03	8260b	---	1	106.3	108.2	99.2
o-Xylene	2.15	µg/L	1	<1	12/03/03	8260b	---	0.4	111.5	114.5	102.6
Toluene	1.91	µg/L	1	<1	12/03/03	8260b	---	3	110	106.5	98.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6.1	47.2	104.6	39.4
Acenaphthylene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	4.1	47.6	105	40.6
Anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0.1	50.8	102.6	44.6
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.4	57	100.8	56.1
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6	54.2	101.1	55.6
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8	58.5	102.4	58.7
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.3	52.4	91.5	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	7.4	57	101	56.2
Chrysene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	6.6	57.6	100.4	56.7
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.7	54.8	94	53
Fluoranthene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	0.1	54.9	104.8	53.8
Fluorene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	J	1.3	49.7	104.3	41.8
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	8.4	54.2	94.8	53.5
Naphthalene	3.12	µg/L	0.05	<0.05	12/31/03	8270c	---	8.7	43.5	101.2	37.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	J	0	51.1	101.6	45.4
Pyrene	<0.05	µg/L	0.05	<0.05	12/31/03	8270c	---	1.6	55.1	104.4	53.2

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Client: Environmental Tech Group **Attn:** Jerry Brian	**Project ID:** EO2019 HDO **Sample Name:** RW-2	**Report#/Lab ID#:** 150053 **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	106	88-110	---
2-Fluorobiphenyl	8270c	46.4	43-116	---
Nitrobenzene-d5	8270c	49.5	35-114	---
Terphenyl-d14	8270c	52	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 150053 **Matrix:** water
Client: Environmental Tech Group **Attn:** Jerry Brian
Project ID: EO2019 HDO
Sample Name: RW-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
Copper/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Vanadium/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes: _____

7953

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AnalySys Inc.

Send Reports To:

Company Name: Environmental Technology Group Inc.
Address: 2540 W. Marland
City: Hobbs State: N.M. Zip: 88240
ATTN: Jerry Brian
Phone: (505) 397-4882 Fax: (505) 397-4701
Project Name/PO#: E0 2019 HDO Sampler: Ross Anderson

Bill To (if different):

Company Name: Link Energy
Address:
City: State: Zip:
ATTN:
Phone: Fax:

Samples/projects intended for TCEQ-TRRP completion require special handling, QC requirements and pricing. To Be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of Custody under "special instructions".

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Lab I.D. # (Lab Only)	Ice	HNO3	HCL	ZnAc/NaOH	H2SO4 Glass	None	Other (Specify)	Water	Wastewater	Waste	Soil	Other (Specify)	BTEX 8021B	PAH	WQCC Metals	RUSH TAT (Pre-scheduled)	Standard TAT
mw-1	11-24-03	12:15	4			150039	X	X	X					X					X	X	X		
mw-2	11-24-03	12:30	4			150040	X	X	X					X					X	X	X		
mw-3	11-24-03	12:45	4			150041	X	X	X					X					X	X	X		
mw-4	11-24-03	1:00	4			150042	X	X	X					X					X	X	X		
mw-5	11-24-03	1:15	4			150043	X	X	X					X					X	X	X		
mw-7	11-24-03	1:30	4			150044	X	X	X					X					X	X	X		
mw-8	11-24-03	1:45	4			150045	X	X	X					X					X	X	X		
mw-9	11-24-03	2:00	4			150046	X	X	X					X					X	X	X		
mw-10	11-24-03	2:15	4			150047	X	X	X					X					X	X	X		
mw-11	11-24-03	2:30	4			150048	X	X	X					X					X	X	X		

Special Instructions (such as special QC requirements, lists, methods, etc...)

(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.

Temperature upon receipt (Consistent with NELAC ...): T: 5.2 C
YES ✓
NO

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	ETGI	11-25-03		Melanie Humphrey	ASI	11/26/03	1530

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

CHAIN -CUSTODY

www.an[illegible]ysinc.com

ANALYSYS INC

3512 Montopolis Drive, Austin, TX 78744 Ph (512) 385-5886 Fax (512) 385-7411

2209 N. Padre Island Dr., Ste K, Corpus Christi, TX 78408 Ph (361) 289-6381 Fax (361) 289-0875

Send Reports To:

Company Name: Environmental Technology Group Inc.

Address: 2540 W. Morland

City: Hobbs State: N.M. Zip: 88240

ATTN: Jerry Brian

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

Project Name/PO#: ED 2019 HDO Sampler: Ross Anderson

Bill To (if different):

Company Name: Link Energy

Address:

City: State: Zip:

ATTN:

Phone: Fax:

Samples/projects intended for TCEQ-TRRP completion require special handling, QC requirements and pricing. To Be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of Custody under "special instructions".

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Lab I.D. # (Lab Only)	No. of Containers and Preservative (TRRP-13 Mandatory): Ice	HNO3	HCL	ZnAc/NaOH	H2SO4 Glass	None	Other (Specify)	Matrix: Water	Wastewater	Waste	Soil	Other (Specify)	Analyze For: BTEX 8021b	PAH	WQCC Metals	RUSH TAT (Pre-scheduled)	Standard TAT
mw-12	11-24-03	2:45	4			150049	X	X	X					X					X	X	X		
mw-13	11-24-03	3:00	4			150050	X	X	X					X					X	X	X		
mw-14	11-24-03	3:15	4				X	X	X					X					X	X	X		
mw-15	11-24-03	3:30	4			150051	X	X	X					X					X	X	X		
Rw-1	11-24-03	3:45	4			150052	X	X	X					X					X	X	X		
Rw-2	11-24-03	4:00	4			150053	X	X	X					X					X	X	X		

Special Instructions (such as special QC requirements, lists, methods, etc...)

(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.

Sample Relinquished By: Name	Affiliation	Date	Time	Sample Received By: Name	Affiliation	Date	Time
[signature]	ETGI	11-25-03		Melanie Humphrey	ASI	11/26/03	1530

Temperature upon receipt (Consistent with [illegible]): T: 5.2 C

YES ✓

NO

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