

**GW -**

**140**

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# **MONITORING REPORTS**

**DATE:**

**2004**

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**GW-140**

**ANNUAL MONITORING REPORT**

**TNM SPS-11**

**NW  $\frac{1}{4}$  of the SE  $\frac{1}{4}$  of SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST  
LEA COUNTY, NEW MEXICO  
LINK ENERGY LEAK NUMBER: TNM-SPS-11  
ETGI PROJECT NUMBER: LI2022**

**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**

# **ANNUAL MONITORING REPORT**

## **TNM SPS-11**

**NW ¼ of the SE ¼ of SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST  
LEA COUNTY, NEW MEXICO**

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**April 2004**

  
Camille Reynolds  
Project Manager

  
Todd Choban  
Regional Manager

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Figure 1 – Site Location Map

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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. The data included in this Annual Monitoring Report does not include data prior to August 19, 1999 since this site was previously operated by Texas New Mexico Pipeline Company. Link Energy took over operation of this site in August 1999. 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**

The site monitor wells were gauged and sampled on March 11, June 10, September 3, and December 8, 2003. 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 collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Vista Trucking, Eunice, New Mexico from January through August and Lobo Trucking, Hobbs, New Mexico from September through December 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 quarterly sampling events are depicted on Figures 2A-2D, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2003, indicated a general gradient of approximately 0.003 ft/ft to the southeast as measured between groundwater monitor wells MW-25 and MW-26. The depth to groundwater, as measured from the top of the well casing, ranged between 57.09 to 62.00 feet in the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor well MW-1 during the third and fourth quarters of 2003 annual reporting period. A maximum thickness of 0.24 foot in monitor well MW-1 was recorded and is shown on Table 1.

## **LABORATORY RESULTS**

Groundwater samples obtained during the 2003 monitoring events were delivered to AnalySys, Inc. in Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. A cumulative listing of BTEX constituent concentrations is summarized in Table 2 and 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 BTEX constituent concentrations are depicted on Figures 3A-3D, the Groundwater Concentration Maps.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2003 monitoring period indicate that the benzene and BTEX constituent concentrations are below applicable NMOCD regulatory standards in monitor wells MW-2, MW-3, MW-4, MW-6, MW-10, MW-11, MW-13, MW-15, MW-18, MW-19, MW-20, MW-21, MW-22, MW-25, MW-27, MW-30, and MW-31. The benzene concentration in monitor wells MW-1, MW-7, MW-9, MW-12, MW-16, MW-17, MW-23, MW-24 and MW-26 is above the NMOCD regulatory standard, while total BTEX constituent concentrations are below NMOCD regulatory standards. The benzene and BTEX constituent concentrations in monitor wells MW-14, MW-28, and MW-29 are above NMOCD regulatory standards. However, a measurable amount of PSH was detected in monitor well MW-1 during the third and fourth quarters of 2003 monitoring events.

## **SUMMARY**

This report presents the results of monitoring activities for the annual monitoring period of 2003. A measurable thickness of PSH was detected in monitor well MW-1 during the third and fourth quarters of 2003 reporting period. A maximum thickness of 0.24 foot in monitor well MW-1 was recorded and is shown on Table 1. No measurable amount of PSH was recovered from the site during the 2003 monitoring period. An absorbent boom was installed in monitor well MW-1 during the third quarter sampling event.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2003, indicated a general gradient of approximately 0.003 ft/ft to the southeast as measured between groundwater monitor wells MW-25 and MW-26.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2003 monitoring period indicate that the benzene and BTEX constituent concentrations are below NMOCD regulatory standards in monitor wells MW-2, MW-3, MW-4, MW-6, MW-10, MW-11, MW-13, MW-15, MW-18, MW-19, MW-20, MW-21, MW-22, MW-25, MW-27, MW-30, and MW-31. The benzene concentration in monitor wells MW-1, MW-7, MW-9, MW-12, MW-16, MW-17, MW-23, MW-24 and MW-26 is above NMOCD regulatory standard, while total BTEX constituent concentrations are below NMOCD regulatory standards. The benzene and BTEX constituent concentrations in monitor wells MW-14, MW-28, and MW-29 are above NMOCD regulatory standards. However, a measurable amount of PSH was

detected in monitor well MW-1 during the third and fourth quarters of 2003 monitoring period. An absorbent boom was installed in monitor well MW-1 during the third quarter sampling event.

Groundwater sampling results from samples collected at monitor wells MW-2, MW-3, MW-13, MW-15, MW-18, MW-20, MW-21, MW-22, MW-25, MW-27, MW-30 and MW-31 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.

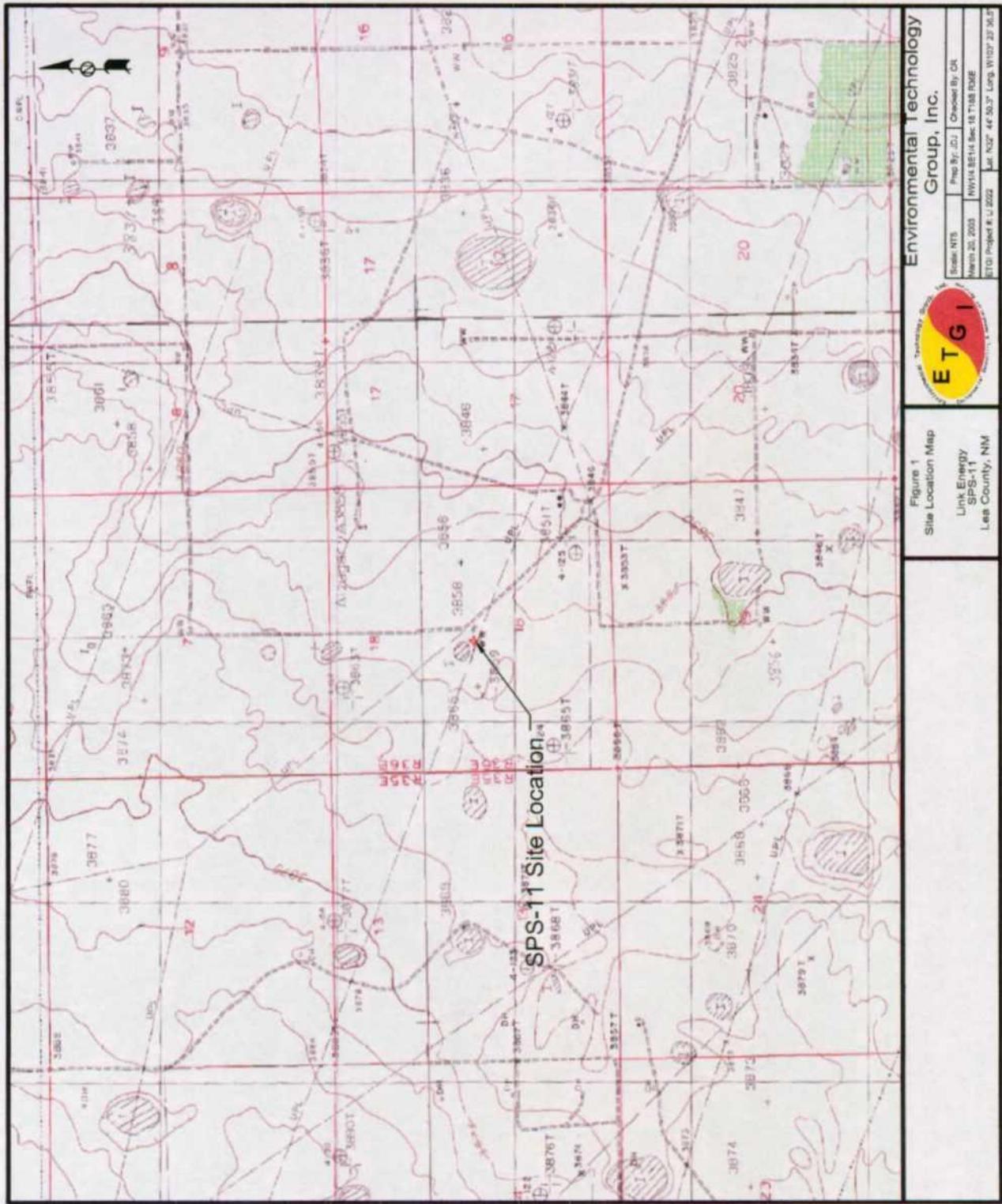
## **DISTRIBUTION**

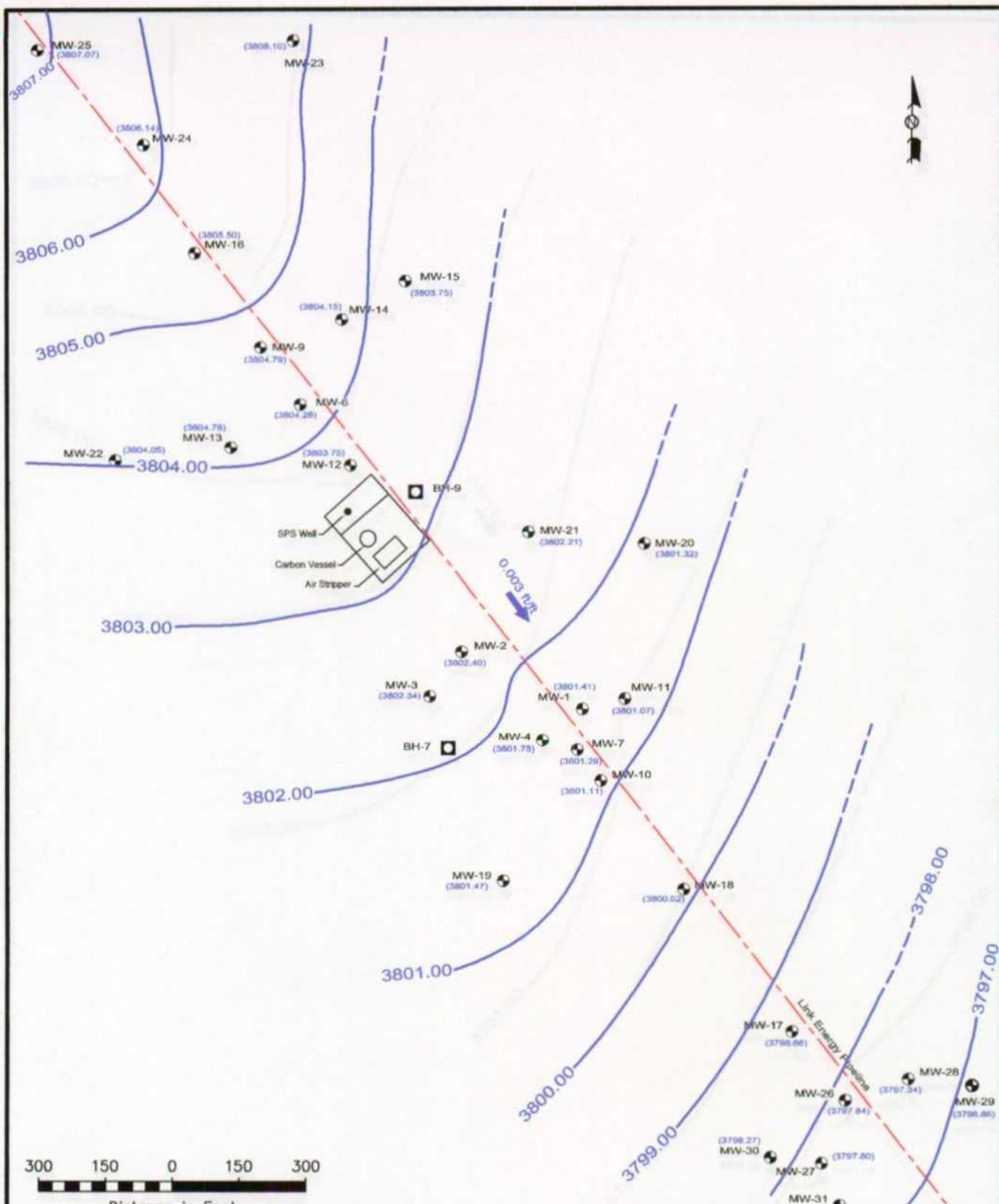
- Copy 1 & 2: William C. Olson and Ed Martin  
New Mexico Oil Conservation Division  
Environmental Bureau  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505
- Copy 3: Chris Williams  
New Mexico Oil Conservation Division (District 1)  
1625 French Drive  
Hobbs, New Mexico 88240
- Copy 4: Jeff Dann  
Link Energy  
2000 West Sam Houston Parkway  
Suite 400  
Houston, Texas 77042
- Copy 5: Jimmy Bryant  
Link Energy  
5805 Hwy 80 East  
Midland, Texas 79701
- Copy 6: Barry Andrews  
Excel Energy  
P.O. Box 1650  
Hobbs, New Mexico 88241
- Copy 7: Environmental Technology Group, Inc.  
4600 West Wall Street  
Midland, Texas 79703
- Copy 8: Environmental Technology Group, Inc.  
2540 West Marland  
Hobbs, New Mexico 88240

Copy Number: \_\_\_\_\_

Quality Control Review: \_\_\_\_\_

## **FIGURES**




**LEGEND:**

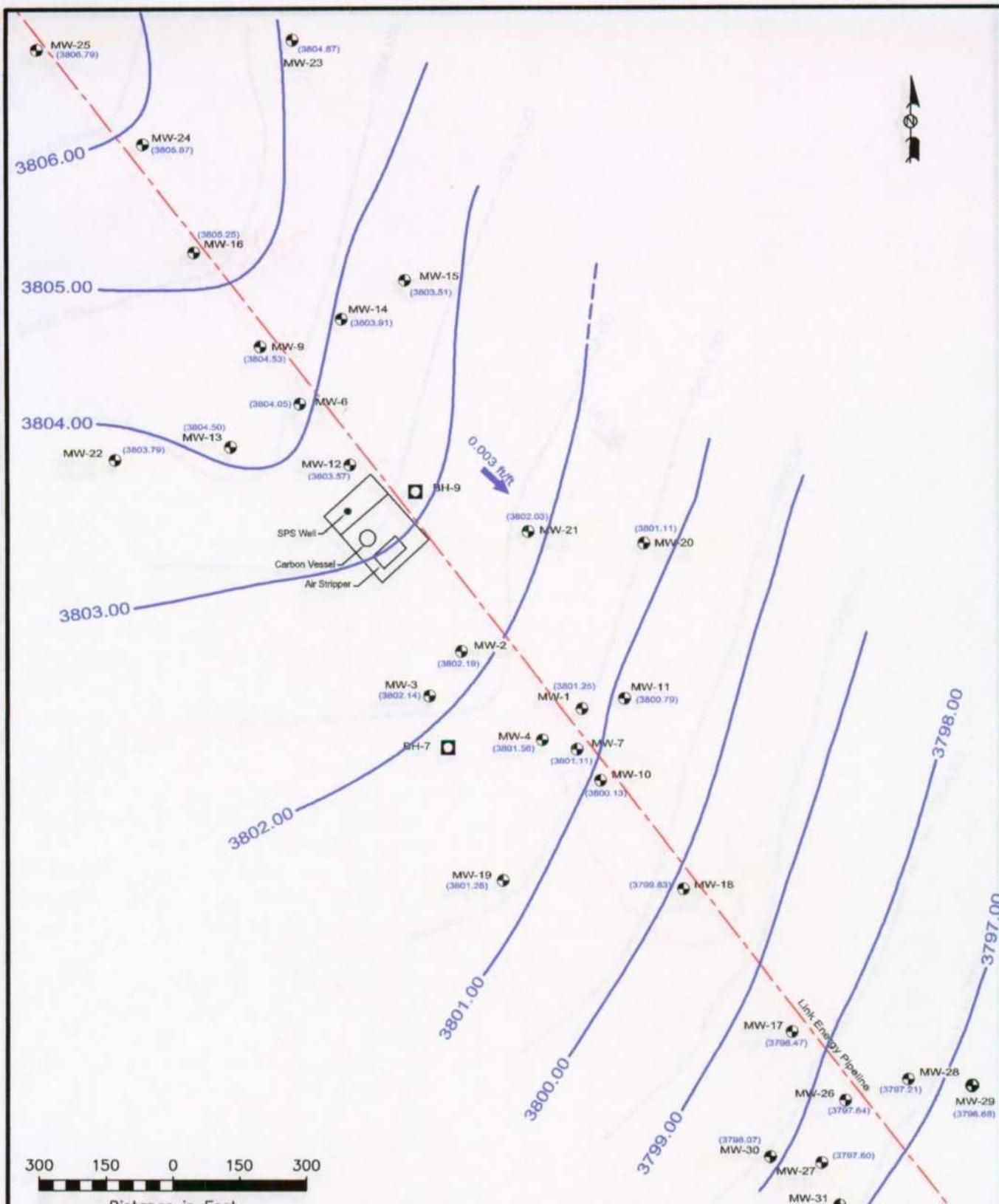
- Monitoring Well Location
- Soil Boring Location
- Groundwater Gradient
- (3807.00) Groundwater Elevation (in Feet)
- 0.003 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2A  
Inferred Groundwater  
Gradient Map (3/10/03)  
Link Energy  
TNM SPS-11  
Lea County, NM



**Environmental Technology  
Group, Inc.**

Scale: 1" = 300'	Drawn By: CS	Prepared By: CR
March 22, 2004	NW1/4 SE1/4 Sec 18 T18S R36E	
ETGI Project #: LI 2022	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	



#### LEGEND:

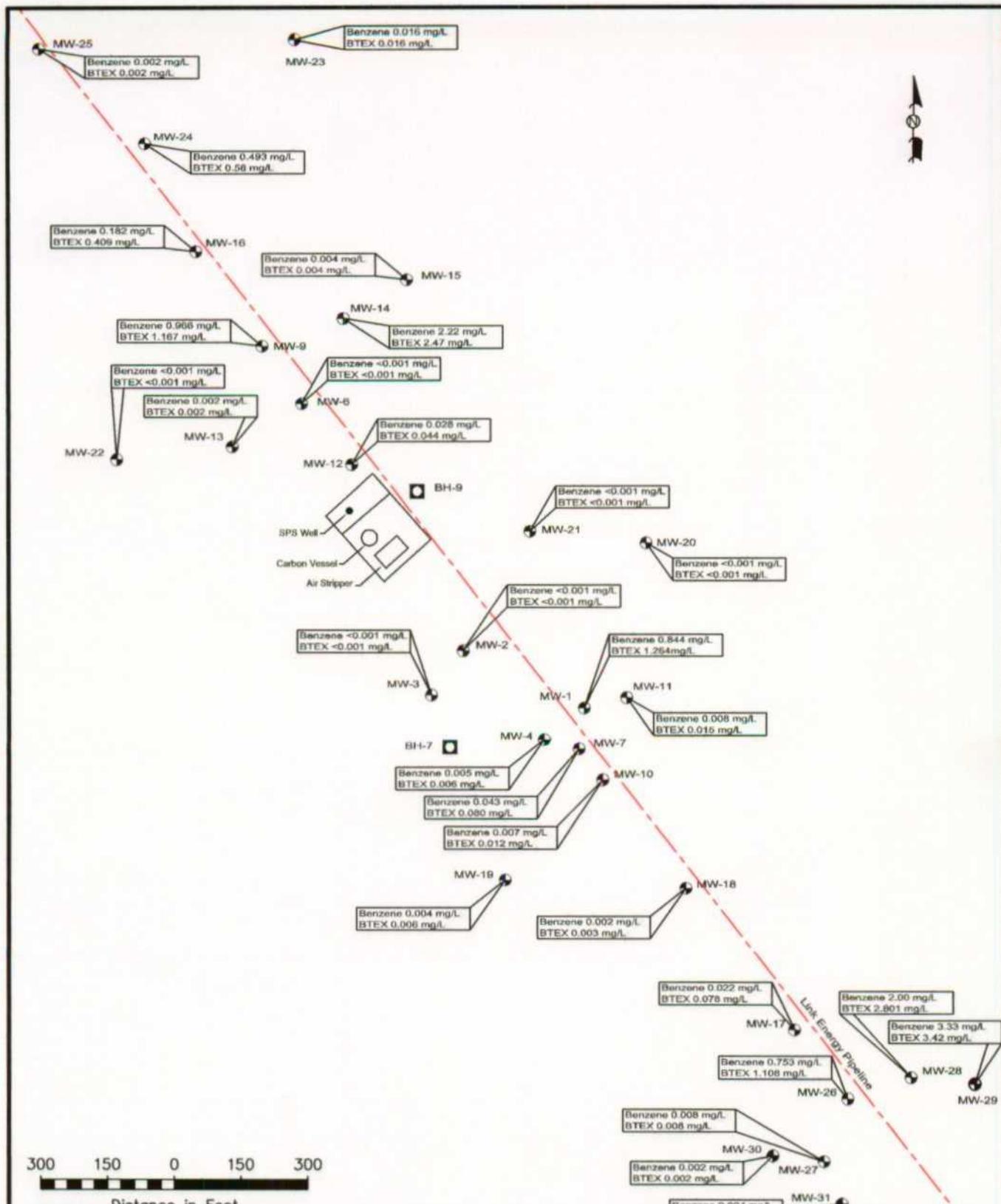
- Monitoring Well Location
- Soil Boring Location
- Groundwater Gradient
- (3807.65) Groundwater Elevation (In Feet)
- 0.003 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2C  
Inferred Groundwater  
Gradient Map (9/03/03)  
Link Energy  
TNM SPS-11  
Lea County, NM



Environmental Technology  
Group, Inc.

Scale: 1" = 300'	Drawn By: CS	Prepared By: CR
March 22, 2004	NW1/4 SE1/4 Sec 18 T18S R36E	
ETGI Project #: LJ 2022	Lati. N32° 44' 50.3" Long. W103° 23' 38.5"	



**LEGEND:**

- Monitoring Well Location
- Soil Boring Location
- Pipeline

Figure 3A  
Groundwater Concentration  
Map 3/11/03  
Link Energy  
TNM SPS-11  
Lea County, NM



**Environmental Technology  
Group, Inc.**

Scale: 1" = 300'	Drawn By: CS	Prepared By: CR
March 19, 2004	NW1/4 SE1/4 Sec 18 T18S R36E	
ETGI Project #: LI 2022	Lat. N32° 44' 50.3" Long. W103° 23' 38.5"	

## **TABLES**

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/24/00	3,859.08	-	56.87	0.00	3,802.21
	06/14/00	3,859.08	-	57.40	0.00	3,801.68
	09/22/00	3,859.08	-	56.50	0.00	3,802.58
	12/28/00	3,859.08	-	56.68	0.00	3,802.40
	03/14/01	3,859.08	-	56.78	0.00	3,802.30
	06/06/01	3,859.08	-	56.94	0.00	3,802.14
	09/28/01	3,859.08	-	57.05	0.00	3,802.03
	11/17/01	3,859.08	-	57.57	0.00	3,801.51
	03/26/02	3,859.08	-	57.54	0.00	3,801.54
	06/26/02	3,859.08	-	57.45	0.00	3,801.63
	09/25/02	3,859.08	-	57.60	0.00	3,801.48
	12/10/02	3,859.08	-	57.61	0.00	3,801.47
	03/10/03	3,859.08	-	57.67	0.00	3,801.41
	06/09/03	3,859.08	-	57.79	0.00	3,801.29
	09/03/03	3,859.08	57.98	57.90	0.08	3,801.25
	09/25/03	3,859.08	57.90	57.96	0.06	3,801.17
	10/06/03	3,859.08	58.09	58.09	Sheen	3,800.99
	10/21/03	3,859.08	58.11	58.11	Sheen	3,800.97
	11/11/03	3,859.08	58.42	58.42	Sheen	3,800.66
	12/08/03	3,859.08	57.99	58.23	0.24	3,801.05
MW - 2	03/24/00	3,860.76	-	57.55	0.00	3,803.21
	06/14/00	3,860.76	-	58.05	0.00	3,802.71
	09/22/00	3,860.76	-	57.04	0.00	3,803.72
	12/28/00	3,860.76	-	57.32	0.00	3,803.44
	03/14/01	3,860.76	-	57.41	0.00	3,803.35
	06/06/01	3,860.76	-	57.58	0.00	3,803.18
	09/28/01	3,860.76	-	57.68	0.00	3,803.08
	11/17/01	3,860.76	-	58.00	0.00	3,802.76
	03/26/02	3,860.76	-	58.20	0.00	3,802.56
	06/26/02	3,860.76	-	58.12	0.00	3,802.64
	09/25/02	3,860.76	-	58.28	0.00	3,802.48

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/10/02	3,860.76	-	58.30	0.00	3,802.46
	03/10/03	3,860.76	-	58.36	0.00	3,802.40
	06/09/03	3,860.76	-	58.46	0.00	3,802.30
	09/03/03	3,860.76	-	58.57	0.00	3,802.19
	12/08/03	3,860.76	-	58.55	0.00	3,802.21
MW - 3	03/24/00	3,861.15	-	57.98	0.00	3,803.17
	06/14/00	3,861.15	-	58.50	0.00	3,802.65
	09/22/00	3,861.15	-	57.48	0.00	3,803.67
	12/28/00	3,861.15	-	57.74	0.00	3,803.41
	03/14/01	3,861.15	-	57.85	0.00	3,803.30
	06/06/01	3,861.15	-	58.00	0.00	3,803.15
	09/28/01	3,861.15	-	58.13	0.00	3,803.02
	11/17/01	3,861.15	-	58.46	0.00	3,802.69
	03/26/02	3,861.15	-	58.65	0.00	3,802.50
	06/26/02	3,861.15	-	58.55	0.00	3,802.60
	09/25/02	3,861.15	-	58.71	0.00	3,802.44
	12/10/02	3,861.15	-	58.75	0.00	3,802.40
	03/10/03	3,861.15	-	58.81	0.00	3,802.34
	06/09/03	3,861.15	-	58.91	0.00	3,802.24
MW - 4	09/03/03	3,861.15	-	59.01	0.00	3,802.14
	12/08/03	3,861.15	-	59.10	0.00	3,802.05
	03/24/00	3,859.62	-	57.03	0.00	3,802.59
	06/14/00	3,859.62	-	57.57	0.00	3,802.05
	09/22/00	3,859.62	-	56.64	0.00	3,802.98
	12/28/00	3,859.62	-	56.86	0.00	3,802.76
	03/14/01	3,859.62	-	56.96	0.00	3,802.66
	06/06/01	3,859.62	-	57.12	0.00	3,802.50
	09/28/01	3,859.62	-	57.23	0.00	3,802.39
	11/17/01	3,859.62	-	58.04	0.00	3,801.58
	03/26/02	3,859.62	-	57.69	0.00	3,801.93
	06/26/02	3,859.62	-	57.60	0.00	3,802.02
	09/25/02	3,859.62	-	57.77	0.00	3,801.85
	12/10/02	3,859.62	-	57.79	0.00	3,801.83
MW - 6	03/10/03	3,859.62	-	57.87	0.00	3,801.75
	06/09/03	3,859.62	-	58.00	0.00	3,801.62
	09/03/03	3,859.62	-	58.06	0.00	3,801.56
	12/08/03	3,859.62	-	58.16	0.00	3,801.46
	03/24/00	3,862.47	-	57.43	0.00	3,805.04

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

SPS - 11  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT # LI 2022

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	06/14/00	3,862.47	-	57.98	0.00	3,804.49
	09/22/00	3,862.47	-	56.82	0.00	3,805.65
	12/28/00	3,862.47	-	57.03	0.00	3,805.44
	03/14/01	3,862.47	-	57.14	0.00	3,805.33
	06/06/01	3,862.47	-	57.35	0.00	3,805.12
	09/28/01	3,862.47	-	57.42	0.00	3,805.05
	11/17/01	3,862.47	-	57.77	0.00	3,804.70
	03/26/02	3,862.47	-	58.05	0.00	3,804.42
	06/26/02	3,862.47	-	57.90	0.00	3,804.57
	09/25/02	3,862.47	-	58.13	0.00	3,804.34
	12/10/02	3,862.47	-	58.15	0.00	3,804.32
	03/10/03	3,862.47	-	58.19	0.00	3,804.28
	06/09/03	3,862.47	-	58.30	0.00	3,804.17
	09/03/03	3,862.47	-	58.42	0.00	3,804.05
MW - 7	12/08/03	3,862.47	-	58.49	0.00	3,803.98
	03/24/00	3,859.31	-	57.17	0.00	3,802.14
	06/14/00	3,859.31	-	57.72	0.00	3,801.59
	09/22/00	3,859.31	-	56.79	0.00	3,802.52
	12/28/00	3,859.31	-	56.96	0.00	3,802.35
	03/14/01	3,859.31	-	57.11	0.00	3,802.20
	06/06/01	3,859.31	-	57.20	0.00	3,802.11
	09/28/01	3,859.31	-	57.32	0.00	3,801.99
	11/17/01	3,859.31	-	57.77	0.00	3,801.54
	03/26/02	3,859.31	-	57.82	0.00	3,801.49
	06/26/02	3,859.31	-	57.73	0.00	3,801.58
	09/25/02	3,859.31	-	57.90	0.00	3,801.41
	12/10/02	3,859.31	-	57.91	0.00	3,801.40
MW - 9	03/10/03	3,859.31	-	58.02	0.00	3,801.29
	06/09/03	3,859.31	-	58.13	0.00	3,801.18
	09/03/03	3,859.31	-	58.20	0.00	3,801.11
	12/08/03	3,859.31	-	58.28	0.00	3,801.03
	03/24/00	3,861.88	-	56.34	0.00	3,805.54
	06/14/00	3,861.88	-	56.88	0.00	3,805.00
	09/22/00	3,861.88	-	55.86	0.00	3,806.02
	12/28/00	3,861.88	-	56.02	0.00	3,805.86
	03/14/01	3,861.88	-	56.14	0.00	3,805.74
	06/06/01	3,861.88	-	56.30	0.00	3,805.58
	09/28/01	3,861.88	-	56.38	0.00	3,805.50

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	11/17/01	3,861.88	-	57.23	0.00	3,804.65
	03/26/02	3,861.88	-	56.95	0.00	3,804.93
	06/26/02	3,861.88	-	56.84	0.00	3,805.04
	09/25/02	3,861.88	-	57.07	0.00	3,804.81
	12/10/02	3,861.88	-	57.07	0.00	3,804.81
	03/10/03	3,861.88	-	57.09	0.00	3,804.79
	06/09/03	3,861.88	-	57.25	0.00	3,804.63
	09/03/03	3,861.88	-	57.35	0.00	3,804.53
	12/08/03	3,861.88	-	57.48	0.00	3,804.40
	03/24/00	3,860.58	-	58.68	0.00	3,801.90
MW - 10	06/14/00	3,860.58	-	59.20	0.00	3,801.38
	09/22/00	3,860.58	-	58.29	0.00	3,802.29
	12/28/00	3,860.58	-	58.47	0.00	3,802.11
	03/14/01	3,860.58	-	58.59	0.00	3,801.99
	06/06/01	3,860.58	-	58.70	0.00	3,801.88
	09/28/01	3,860.58	-	58.82	0.00	3,801.76
	11/17/01	3,860.58	-	59.06	0.00	3,801.52
	03/26/02	3,860.58	-	59.34	0.00	3,801.24
	06/26/02	3,860.58	-	59.24	0.00	3,801.34
	09/25/02	3,860.58	-	59.41	0.00	3,801.17
	12/10/02	3,860.58	-	59.40	0.00	3,801.18
	03/10/03	3,860.58	-	59.47	0.00	3,801.11
	06/09/03	3,860.58	-	59.56	0.00	3,801.02
	09/03/03	3,860.58	-	59.65	0.00	3,800.93
	12/08/03	3,860.58	-	59.76	0.00	3,800.82
MW - 11	03/24/00	3,860.00	-	58.11	0.00	3,801.89
	06/14/00	3,860.00	-	58.59	0.00	3,801.41
	09/22/00	3,860.00	-	57.75	0.00	3,802.25
	12/28/00	3,860.00	-	57.94	0.00	3,802.06
	03/14/01	3,860.00	-	58.05	0.00	3,801.95
	06/06/01	3,860.00	-	58.18	0.00	3,801.82
	09/28/01	3,860.00	-	58.29	0.00	3,801.71
	11/17/01	3,860.00	-	58.56	0.00	3,801.44
	03/26/02	3,860.00	-	58.78	0.00	3,801.22
	06/26/02	3,860.00	-	58.69	0.00	3,801.31
	09/25/02	3,860.00	-	58.85	0.00	3,801.15
	12/10/02	3,860.00	-	58.86	0.00	3,801.14
	03/10/03	3,860.00	-	58.93	0.00	3,801.07

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

<b>WELL NUMBER</b>	<b>DATE MEASURED</b>	<b>CASING WELL ELEVATION</b>	<b>DEPTH TO PRODUCT</b>	<b>DEPTH TO WATER</b>	<b>PSH THICKNESS</b>	<b>CORRECTED GROUND WATER ELEVATION</b>
MW - 11	06/09/03	3860.00	-	59.03	0.00	3800.97
	09/03/03	3860.00	-	59.21	0.00	3800.79
	12/08/03	3860.00	-	59.23	0.00	3800.77
MW - 12	03/24/00	3,863.10	-	58.55	0.00	3,804.55
	06/14/00	3,863.10	-	59.05	0.00	3,804.05
	09/22/00	3,863.10	-	57.80	0.00	3,805.30
	12/28/00	3,863.10	-	58.18	0.00	3,804.92
	03/14/01	3,863.10	-	58.28	0.00	3,804.82
	06/06/01	3,863.10	-	58.47	0.00	3,804.63
	09/28/01	3,863.10	-	58.53	0.00	3,804.57
	11/17/01	3,863.10	-	58.84	0.00	3,804.26
	03/26/02	3,863.10	-	59.04	0.00	3,804.06
	06/26/02	3,863.10	-	59.12	0.00	3,803.98
	09/25/02	3,863.10	-	59.29	0.00	3,803.81
	12/09/02	3,863.10	-	59.30	0.00	3,803.80
	03/10/03	3,863.10	-	59.35	0.00	3,803.75
	06/09/03	3,863.10	-	59.41	0.00	3,803.69
MW-13	09/03/03	3,863.10	-	59.53	0.00	3,803.57
	12/08/03	3,863.10	-	59.67	0.00	3,803.43
	03/24/01	3,862.44	-	56.92	0.00	3,805.52
	06/14/01	3,862.44	-	57.42	0.00	3,805.02
	09/22/00	3,862.44	-	56.24	0.00	3,806.20
	12/28/00	3,862.44	-	56.58	0.00	3,805.86
	03/14/01	3,862.44	-	56.72	0.00	3,805.72
	06//06/01	3,862.44	-	56.88	0.00	3,805.56
	09/28/01	3,862.44	-	56.98	0.00	3,805.46
	11/17/01	3,862.44	-	57.21	0.00	3,805.23
	03/26/02	3,862.44	-	57.52	0.00	3,804.92
	06/26/02	3,862.44	-	57.48	0.00	3,804.96
	09/25/02	3,862.44	-	57.62	0.00	3,804.82
	12/09/02	3,862.44	-	57.65	0.00	3,804.79
MW - 14	03/10/03	3,862.44	-	57.66	0.00	3,804.78
	06/09/03	3,862.44	-	57.70	0.00	3,804.74
	09/03/03	3,862.44	-	57.94	0.00	3,804.50
	12/08/03	3,862.44	-	58.00	0.00	3,804.44
	03/24/00	3,862.95	-	57.97	0.00	3,804.98
	06/14/00	3,862.95	-	58.40	0.00	3,804.55
	09/22/00	3,862.95	-	57.57	0.00	3,805.38

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 14	12/28/00	3,862.95	-	57.72	0.00	3,805.23
	03/14/01	3,862.95	-	57.88	0.00	3,805.07
	06/06/01	3,862.95	-	58.02	0.00	3,804.93
	09/28/01	3,862.95	-	58.14	0.00	3,804.81
	11/17/01	3,862.95	-	58.58	0.00	3,804.37
	03/26/02	3,862.95	-	58.61	0.00	3,804.34
	06/26/02	3,862.95	-	58.52	0.00	3,804.43
	09/25/02	3,862.95	-	58.74	0.00	3,804.21
	12/09/02	3,862.95	-	58.75	0.00	3,804.20
	03/10/03	3,862.95	-	58.80	0.00	3,804.15
	06/09/03	3,862.95	-	58.93	0.00	3,804.02
	09/03/03	3,862.95	-	59.04	0.00	3,803.91
	12/08/03	3,862.95	-	59.15	0.00	3,803.80
MW - 15	03/24/00	3,861.70	-	57.11	0.00	3,804.59
	06/14/00	3,861.70	-	57.51	0.00	3,804.19
	09/22/00	3,861.70	-	56.76	0.00	3,804.94
	12/28/00	3,861.70	-	56.89	0.00	3,804.81
	03/14/01	3,861.70	-	57.00	0.00	3,804.70
	06/06/01	3,861.70	-	57.15	0.00	3,804.55
	09/28/01	3,861.70	-	57.25	0.00	3,804.45
	11/17/01	3,861.70	-	57.50	0.00	3,804.20
	03/26/02	3,861.70	-	57.57	0.00	3,804.13
	06/26/02	3,861.70	-	57.73	0.00	3,803.97
	09/25/02	3,861.70	-	57.90	0.00	3,803.80
	12/09/02	3,861.70	-	57.89	0.00	3,803.81
	03/10/03	3,861.70	-	57.95	0.00	3,803.75
MW - 16	06/09/03	3,861.70	-	58.08	0.00	3,803.62
	09/03/03	3,861.70	-	58.19	0.00	3,803.51
	12/08/03	3,861.70	-	58.29	0.00	3,803.41
	03/24/00	3,863.15	-	56.81	0.00	3,806.34
	06/14/00	3,863.15	-	57.24	0.00	3,805.91
	09/22/00	3,863.15	-	56.46	0.00	3,806.69
	12/28/00	3,863.15	-	56.64	0.00	3,806.51
	03/14/01	3,863.15	-	56.73	0.00	3,806.42
	06/06/01	3,863.15	-	56.85	0.00	3,806.30
	09/28/01	3,863.15	-	56.99	0.00	3,806.16
	11/17/01	3,863.15	-	57.28	0.00	3,805.87
	03/26/02	3,863.15	-	57.43	0.00	3,805.72

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 16	06/26/02	3,863.15	-	57.43	0.00	3805.72
	09/25/02	3,863.15	-	57.58	0.00	3805.57
	12/10/02	3,863.15	-	57.59	0.00	3805.56
	03/10/03	3,863.15	-	57.65	0.00	3805.50
	06/09/03	3,863.15	-	57.78	0.00	3805.37
	09/03/03	3,863.15	-	57.90	0.00	3805.25
	12/08/03	3,863.15	-	58.02	0.00	3805.13
MW - 17	03/24/00	3,859.17	-	59.57	0.00	3,799.60
	06/14/00	3,859.17	-	59.72	0.00	3,799.45
	09/22/00	3,859.17	-	59.65	0.00	3,799.52
	12/28/00	3,859.17	-	59.70	0.00	3,799.47
	03/14/01	3,859.17	-	59.66	0.00	3,799.51
	06/06/01	3,859.17	-	59.75	0.00	3,799.42
	09/28/01	3,859.17	-	59.90	0.00	3,799.27
	11/17/01	3,859.17	-	60.02	0.00	3,799.15
	03/26/02	3,859.17	-	60.41	0.00	3,798.76
	06/26/02	3,859.17	-	60.26	0.00	3,798.91
	09/25/02	3,859.17	-	60.39	0.00	3,798.78
	12/10/02	3,859.17	-	60.43	0.00	3,798.74
	03/10/03	3,859.17	-	60.51	0.00	3,798.66
	06/09/03	3,859.17	-	60.61	0.00	3,798.56
MW - 18	09/03/03	3,859.17	-	60.70	0.00	3,798.47
	12/08/03	3,859.17	-	60.81	0.00	3,798.36
	03/24/00	3,859.98	-	59.15	0.00	3,800.83
	06/14/00	3,859.98	-	59.42	0.00	3,800.56
	09/22/00	3,859.98	-	58.97	0.00	3,801.01
	12/28/00	3,859.98	-	59.02	0.00	3,800.96
	03/14/01	3,859.98	-	59.15	0.00	3,800.83
	06/06/01	3,859.98	-	59.20	0.00	3,800.78
	09/28/01	3,859.98	-	59.43	0.00	3,800.55
	11/17/01	3,859.98	-	59.44	0.00	3,800.54
	03/26/02	3,859.98	-	59.94	0.00	3,800.04
	06/26/02	3,859.98	-	59.75	0.00	3,800.23
	09/25/02	3,859.98	-	59.86	0.00	3,800.12
	12/10/02	3,859.98	-	59.89	0.00	3,800.09
	03/10/03	3,859.98	-	59.96	0.00	3,800.02
	06/09/03	3,859.98	-	60.05	0.00	3,799.93
	09/03/03	3,859.98	-	60.15	0.00	3,799.83

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	12/08/03	3,859.98	-	60.26	0.00	3,799.72
MW - 19	03/24/00	3,862.30	-	57.97	0.00	3,804.33
	06/14/00	3,862.30	-	60.41	0.00	3,801.89
	09/22/00	3,862.30	-	59.64	0.00	3,802.66
	12/28/00	3,862.30	-	59.83	0.00	3,802.47
	03/14/01	3,862.30	-	58.92	0.00	3,803.38
	09/28/01	3,862.30	-	59.19	0.00	3,803.11
	11/17/01	3,862.30	-	60.35	0.00	3,801.95
	03/26/02	3,862.30	-	60.64	0.00	3,801.66
	06/26/02	3,862.30	-	60.59	0.00	3,801.71
	09/25/02	3,862.30	-	60.73	0.00	3,801.57
	12/10/02	3,862.30	-	60.76	0.00	3,801.54
	03/10/03	3,862.30	-	60.83	0.00	3,801.47
	06/09/03	3,862.30	-	60.92	0.00	3,801.38
	09/03/03	3,862.30	-	61.02	0.00	3,801.28
	12/08/03	3,862.30	-	61.14	0.00	3,801.16
MW - 20	03/24/00	3,861.30	-	59.13	0.00	3,802.17
	06/14/00	3,861.30	-	59.54	0.00	3,801.76
	09/22/00	3,861.30	-	58.84	0.00	3,802.46
	12/28/00	3,861.30	-	59.01	0.00	3,802.29
	03/14/01	3,861.30	-	59.11	0.00	3,802.19
	06/06/01	3,861.30	-	59.20	0.00	3,802.10
	09/28/01	3,861.30	-	59.34	0.00	3,801.96
	11/17/01	3,861.30	-	59.53	0.00	3,801.77
	03/26/02	3,861.30	-	59.80	0.00	3,801.50
	06/26/02	3,861.30	-	59.75	0.00	3,801.55
	09/25/02	3,861.30	-	59.91	0.00	3,801.39
	12/10/02	3,861.30	-	59.92	0.00	3,801.38
	03/10/03	3,861.30	-	59.98	0.00	3,801.32
	06/09/03	3,861.30	-	60.09	0.00	3,801.21
	09/03/03	3,861.30	-	60.19	0.00	3,801.11
	12/08/03	3,861.30	-	60.30	0.00	3,801.00
MW - 21	03/24/00	3,862.30	-	59.25	0.00	3,803.05
	06/14/00	3,862.30	-	59.70	0.00	3,802.60
	09/22/00	3,862.30	-	58.84	0.00	3,803.46
	12/28/00	3,862.30	-	59.06	0.00	3,803.24
	03/14/01	3,862.30	-	59.16	0.00	3,803.14
	06/06/01	3,862.30	-	59.29	0.00	3,803.01

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 21	09/28/01	3,862.30	-	59.40	0.00	3,802.90
	11/17/01	3,862.30	-	59.60	0.00	3,802.70
	03/26/02	3,862.30	-	59.89	0.00	3,802.41
	06/26/02	3,862.30	-	59.83	0.00	3802.47
	09/25/02	3,862.30	-	60.01	0.00	3802.29
	12/10/02	3862.30	-	60.02	0.00	3802.28
	03/10/03	3862.30	-	60.09	0.00	3802.21
	06/09/03	3862.30	-	60.19	0.00	3802.11
	09/03/03	3862.30	-	60.27	0.00	3802.03
	12/08/03	3862.30	-	60.39	0.00	3801.91
MW - 22	03/24/00	3,864.01	-	57.55	0.00	3,806.46
	06/14/00	3,864.01	-	57.93	0.00	3,806.08
	09/22/00	3,864.01	-	57.13	0.00	3,806.88
	12/28/00	3,864.01	-	57.37	0.00	3,806.64
	03/14/01	3,864.01	-	57.50	0.00	3,806.51
	06/06/01	3,864.01	-	57.55	0.00	3,806.46
	09/28/01	3,864.01	-	57.75	0.00	3,806.26
	11/17/01	3,864.01	-	57.94	0.00	3,806.07
	03/26/02	3,864.01	-	58.20	0.00	3,805.81
	06/26/02	3,864.01	-	58.22	0.00	3,805.79
	09/25/02	3,864.01	-	58.31	0.00	3,805.70
	12/09/02	3,864.01	-	58.34	0.00	3,805.67
	03/10/03	3,862.44	-	58.39	0.00	3,804.05
	06/09/03	3,862.44	-	58.53	0.00	3,803.91
	09/03/03	3,862.44	-	58.65	0.00	3,803.79
	12/08/03	3,862.44	-	58.75	0.00	3,803.69
MW - 23	03/24/00	3,862.44	-	56.34	0.00	3,806.10
	06/14/00	3,862.44	-	56.58	0.00	3,805.86
	09/22/00	3,862.44	-	56.20	0.00	3,806.24
	12/28/00	3,862.44	-	56.32	0.00	3,806.12
	03/14/01	3,862.44	-	56.83	0.00	3,805.61
	06/06/01	3,862.44	-	56.50	0.00	3,805.94
	09/28/01	3,862.44	-	56.56	0.00	3,805.88
	11/17/01	3,862.44	-	56.79	0.00	3,805.65
	03/26/02	3,862.44	-	57.00	0.00	3,805.44
	06/26/02	3,862.44	-	57.07	0.00	3,805.37
	09/25/02	3,862.44	-	57.23	0.00	3,805.21

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 23	12/09/02	3,862.44	-	57.25	0.00	3,805.19
	03/10/03	3,862.44	-	57.34	0.00	3,805.10
	06/09/03	3,862.44	-	57.45	0.00	3,804.99
	09/03/03	3,862.44	-	57.57	0.00	3,804.87
	12/08/03	3,862.44	-	57.70	0.00	3,804.74
MW - 24	03/24/00	3,864.36	-	57.31	0.00	3,807.05
	06/14/00	3,864.36	-	57.59	0.00	3,806.77
	09/22/00	3,864.36	-	57.09	0.00	3,807.27
	12/28/00	3,864.36	-	57.23	0.00	3,807.13
	03/14/01	3,864.36	-	57.30	0.00	3,807.06
	06/06/01	3,864.36	-	57.38	0.00	3,806.98
	09/28/01	3,864.36	-	57.58	0.00	3,806.78
	11/17/01	3,864.36	-	57.75	0.00	3,806.61
	03/26/02	3,864.36	-	57.94	0.00	3,806.42
	06/26/02	3,864.36	-	57.98	0.00	3,806.38
	09/25/02	3,864.36	-	58.14	0.00	3,806.22
	12/09/02	3,864.36	-	58.16	0.00	3,806.20
MW - 25	03/10/03	3,864.36	-	58.22	0.00	3,806.14
	06/09/03	3,864.36	-	58.32	0.00	3,806.04
	09/03/03	3,864.36	-	58.49	0.00	3,805.87
	12/08/03	3,864.36	-	58.61	0.00	3,805.75
	03/24/00	3,864.16	-	56.08	0.00	3,808.08
	06/14/00	3,864.16	-	56.28	0.00	3,807.88
	09/22/00	3,864.16	-	55.93	0.00	3,808.23
	12/28/00	3,864.16	-	56.05	0.00	3,808.11
	03/14/01	3,864.16	-	56.12	0.00	3,808.04
	06/06/01	3,864.16	-	56.28	0.00	3,807.88
	09/28/01	3,864.16	-	56.37	0.00	3,807.79
	11/17/01	3,864.16	-	56.51	0.00	3,807.65
MW - 26	03/26/02	3,864.16	-	56.74	0.00	3,807.42
	06/26/02	3,864.16	-	56.79	0.00	3,807.37
	09/25/02	3,864.16	-	56.96	0.00	3,807.20
	12/09/02	3,864.16	-	57.01	0.00	3,807.15
	03/10/03	3,864.16	-	57.09	0.00	3,807.07
	06/09/03	3,864.16	-	57.23	0.00	3,806.93
	09/03/03	3,864.16	-	57.37	0.00	3,806.79
	12/08/03	3,864.16	-	57.47	0.00	3,806.69
MW - 26	06/14/00	3,858.79	-	60.10	0.00	3,798.69

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

**SPS - 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 26	09/22/00	3,858.79	-	60.00	0.00	3,798.79
	12/28/00	3,858.79	-	60.08	0.00	3,798.71
	03/14/01	3,858.79	-	60.05	0.00	3,798.74
	06/06/01	3,858.79	-	60.18	0.00	3,798.61
	09/28/01	3,858.79	-	60.32	0.00	3,798.47
	11/17/01	3,858.79	-	60.48	0.00	3,798.31
	03/26/02	3,858.79	-	60.84	0.00	3,797.95
	06/26/02	3,858.79	-	60.67	0.00	3,798.12
	09/25/02	3,858.79	-	60.79	0.00	3,798.00
	12/10/02	3,858.79	-	60.85	0.00	3,797.94
	03/10/03	3,858.79	-	60.95	0.00	3,797.84
	06/09/03	3,858.79	-	61.05	0.00	3,797.74
	09/03/03	3,858.79	-	61.15	0.00	3,797.64
	12/08/03	3,858.79	-	61.27	0.00	3,797.52
MW - 27	06/14/00	3,858.23	-	59.60	0.00	3,798.63
	09/22/00	3,858.23	-	59.50	0.00	3,798.73
	12/28/00	3,858.23	-	59.54	0.00	3,798.69
	03/14/01	3,858.23	-	59.60	0.00	3,798.63
	06/06/01	3,858.23	-	59.64	0.00	3,798.59
	09/28/01	3,858.23	-	59.88	0.00	3,798.35
	11/17/01	3,858.23	-	59.91	0.00	3,798.32
	03/26/02	3,858.23	-	60.40	0.00	3,797.83
	06/26/02	3,858.23	-	60.16	0.00	3,798.07
	09/25/02	3,858.23	-	60.29	0.00	3,797.94
	12/10/02	3,858.23	-	60.24	0.00	3,797.99
	03/10/03	3,858.23	-	60.43	0.00	3,797.80
	06/09/03	3,858.23	-	60.53	0.00	3,797.70
	09/03/03	3,858.23	-	60.63	0.00	3,797.60
	12/08/03	3,858.23	-	60.76	0.00	3,797.47
MW - 28	06/14/00	3,858.60	-	60.33	0.00	3,798.27
	09/22/00	3,858.60	-	60.29	0.00	3,798.31
	12/28/00	3,858.60	-	60.33	0.00	3,798.27
	03/14/01	3,858.60	-	60.38	0.00	3,798.22
	16/16/01	3,858.60	-	60.40	0.00	3,798.20
	19/28/01	3,858.60	-	60.63	0.00	3,797.97
	11/17/01	3,858.60	-	60.71	0.00	3,797.89
	03/26/02	3,858.60	-	60.85	0.00	3,797.75
	06/26/02	3,858.60	-	60.93	0.00	3,797.67
	09/25/02	3,858.60	-	61.06	0.00	3,797.54

**TABLE 1**  
**GROUNDWATER ELEVATION DATA**  
**LINK ENERGY**

SPS - 11  
 LEA COUNTY, NEW MEXICO  
 ETGI PROJECT # LI 2022

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 28	12/10/02	3,858.60	-	61.11	0.00	3,797.49
	03/10/03	3,858.60	-	61.21	0.00	3,797.39
	06/09/03	3,858.60	-	61.30	0.00	3,797.30
	09/03/03	3,858.60	-	61.39	0.00	3,797.21
	12/08/03	3,858.60	-	61.52	0.00	3,797.08
MW - 29	03/26/02	3,858.54	-	61.28	0.00	3,797.26
	06/26/02	3,858.54	-	61.42	0.00	3,797.12
	09/25/02	3,858.54	-	61.53	0.00	3,797.01
	12/10/02	3,858.54	-	61.59	0.00	3,796.95
	03/10/03	3,858.54	-	61.68	0.00	3,796.86
	06/09/03	3,858.54	-	61.30	0.00	3,797.24
	09/03/03	3,858.54	-	61.86	0.00	3,796.68
	12/08/03	3,858.54	-	62.00	0.00	3,796.54
MW - 30	03/26/02	3,858.35	-	59.75	0.00	3798.60
	06/26/02	3,858.35	-	59.84	0.00	3798.51
	09/25/02	3,858.35	-	59.96	0.00	3798.39
	12/10/02	3,858.35	-	60.02	0.00	3798.33
	03/10/03	3,858.35	-	60.08	0.00	3798.27
	06/09/03	3,858.35	-	60.17	0.00	3798.18
	09/03/03	3,858.35	-	60.28	0.00	3798.07
	12/08/03	3,858.35	-	60.41	0.00	3797.94
MW - 31	03/26/02	3,858.52	-	60.70	0.00	3797.82
	06/26/02	3,858.52	-	60.77	0.00	3797.75
	09/25/02	3,858.52	-	60.90	0.00	3797.62
	12/10/02	3,858.52	-	60.96	0.00	3797.56
	03/10/03	3,858.52	-	61.04	0.00	3797.48
	06/09/03	3,858.52	-	61.15	0.00	3797.37
	09/03/03	3,858.52	-	61.26	0.00	3797.26
	12/08/03	3,858.52	-	61.35	0.00	3797.17

*Elevations based on the North America Vertical Datum of 1929.*

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	08/20/99	6.54	0.078	1.36	0.605	0.217
	12/08/99	5.2	0.386	1.06	0.501	0.223
	03/24/00	0.547	0.098	0.169	0.042	0.014
	06/14/00	2.28	0.06	0.451	0.06	0.013
	09/22/00	0.455	0.115	0.128	0.051	0.023
	12/28/00	1.99	0.05	0.442	0.11	0.056
	03/14/01	2.72	0.199	0.659	0.200	0.075
	06/06/01	3.56	0.155	0.812	0.372	
	09/28/01	1.28	0.065	0.366	0.145	0.013
	11/17/01	6.88	0.121	1.65	0.865	0.204
	03/26/02	1.85	0.049	0.361	0.042	0.007
	06/26/02	2.07	0.169	0.545	0.105	0.018
	09/25/02	2.6	0.311	0.402	0.104	0.033
	12/10/02	1.61	0.307	0.248	0.081	0.022
	03/11/03	0.844	0.148	0.172	0.075	0.025
	06/10/03	1.17	0.080	0.078	0.111	0.020
MW-2	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/24/00	0.001	0.001	<0.001	<0.001	<0.001
	06/14/00	0.015	0.006	0.007	0.002	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.002	0.001	0.001	<0.001	<0.001
	03/14/01	0.001	0.001	<0.001	<0.001	<0.001
	06/06/01	0.007	0.013	<0.001	<0.001	
	09/28/01	0.001	0.001	<0.001	<0.001	<0.001
	11/17/01	0.011	0.002	0.003	0.002	<0.001
	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.002	0.002	0.001	0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-3	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	0.001	<0.001	<0.001	<0.001
	06/14/00	0.003	0.001	0.003	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.004	0.005	0.003	0.003	<0.001
	06/06/01	0.006	<0.001	<0.001	<0.001	
	09/28/01	0.002	0.002	<0.001	0.001	<0.001
	11/17/01	0.006	0.001	0.002	0.002	<0.001
	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.003	0.004	0.002	0.002	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	0.003	<0.001	0.002	<0.002	<0.001
MW - 4	08/19/00	0.009	<0.001	0.002	<0.001	<0.001
	12/08/99	0.014	0.002	0.003	0.002	<0.001
	03/24/00	0.015	0.001	0.003	0.001	<0.001
	06/14/00	0.021	0.001	0.006	0.001	<0.001
	09/22/00	0.015	0.002	0.006	0.002	0.001
	12/28/00	0.011	0.002	0.003	<0.001	<0.001
	03/14/01	0.008	<0.001	0.002	<0.001	<0.001
	06/06/01	0.02	<0.001	<0.001	<0.001	
	09/28/01	0.012	0.001	0.003	0.001	<0.001
	11/17/01	0.002	<0.001	<0.001	<0.001	<0.001
	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.013	<0.001	0.003	<0.001	<0.001
	09/25/02	0.014	<0.001	0.003	<0.001	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.005	<0.001	0.001	<0.001	<0.001
	06/10/03	0.003	<0.001	0.001	<0.001	<0.001
	09/03/03	0.004	<0.001	0.002	<0.001	<0.001
	12/08/03	0.004	<0.001	0.002	<0.002	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLINE
MW - 6	08/19/99	0.009	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.011	<0.001	0.002	<0.001	<0.001
	03/24/00	0.009	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.005	<0.001	0.002	<0.001	<0.001
	09/02/00	0.04	<0.001	0.01	0.003	<0.001
	12/28/00	0.01	0.001	0.002	<0.001	<0.001
	03/14/01	0.021	<0.001	0.004	0.001	<0.001
	06/06/01	0.024	<0.001	<0.001	<0.001	
	09/28/01	0.027	<0.001	0.004	0.002	<0.001
	11/17/01	0.013	<0.001	0.003	0.001	<0.001
	03/26/02	0.013	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.003	0.002	<0.001	<0.001	<0.001
	09/25/02	0.016	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-7	08/19/99	0.039	0.008	0.018	0.005	0.004
	12/08/99	0.108	0.011	0.094	0.018	0.003
	03/24/00	0.044	0.01	0.014	0.004	0.002
	06/14/00	0.014	0.003	0.004	<0.001	<0.001
	09/22/00	0.15	0.026	0.084	0.022	0.015
	12/28/00	0.043	0.002	0.04	0.002	<0.001
	03/14/01	0.055	0.002	0.057	0.002	<0.001
	06/06/01	0.08	<0.005	0.079	<0.005	
	09/28/01	0.1	0.004	0.124	0.007	0.002
	11/17/01	0.162	0.004	0.154	0.014	0.004
	03/26/02	0.041	0.001	0.036	0.002	<0.001
	06/26/02	0.081	0.007	0.06	0.002	0.001
	09/25/02	0.154	0.013	0.079	0.006	0.003
	12/10/02	0.066	0.007	0.054	0.004	0.001
	03/11/03	0.043	0.004	0.031	0.002	<0.001
	06/10/03	0.043	0.004	0.011	0.002	0.002
	09/03/03	0.085	0.010	0.043	0.008	0.003
	12/08/03	0.045	0.003	0.009	0.002	0.001
MW-9	08/19/99	0.725	0.163	0.368	0.252	0.104
	12/08/99	0.058	<0.001	0.022	0.004	<0.001
	03/24/00	0.012	0.002	0.002	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-9	06/14/00	0.041	<0.001	0.024	0.002	<0.001
	09/22/00	0.058	<0.001	0.008	0.002	<0.001
	12/28/00	0.867	<0.010	0.344	0.043	<0.010
	03/14/01	2.52	<0.010	1.12	0.098	0.019
	06/06/01	2.98	<0.005	1.15	0.198	
	09/28/01	2.36	<0.002	1	0.015	<0.002
	11/17/01	1.82	0.002	0.724	0.013	0.002
	03/26/02	0.162	<0.001	0.037	0.001	<0.001
	06/26/02	0.836	<0.001	0.481	0.185	<0.001
	09/25/02	0.71	0.002	0.199	0.003	<0.001
	12/10/02	1.01	<0.001	0.369	0.017	<0.001
	03/11/03	0.966	<0.001	0.190	0.010	0.001
	06/10/03	0.210	<0.001	0.017	<0.001	<0.001
	09/03/03	0.489	<0.001	0.056	0.003	<0.001
	12/08/03	0.559	0.008	0.017	0.009	0.002
MW-10	08/19/99	0.04	0.007	0.006	0.006	0.003
	12/08/99	0.048	0.022	0.021	0.013	0.008
	03/24/00	0.022	0.004	0.005	0.004	0.002
	06/14/00	0.012	0.004	0.007	0.002	0.002
	09/22/00	0.026	0.005	0.016	0.006	0.005
	12/28/00	0.018	0.003	0.015	0.002	0.002
	03/14/01	0.011	0.004	0.013	0.002	0.002
	06/06/01	0.022	<0.001	0.016	0.035	
	09/28/01	0.007	<0.001	0.008	0.001	<0.001
	11/17/01	0.014	<0.001	0.007	0.002	<0.001
	03/26/02	0.021	<0.001	0.006	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.002	<0.001	0.002	<0.001	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.007	0.003	0.001	0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-11	08/20/99	1.763	<0.010	<0.010	<0.010	<0.010
	12/08/99	2.94	<0.010	<0.010	<0.010	<0.010
	03/24/00	1.4	<0.025	<0.025	<0.025	<0.025
	06/14/00	0.724	0.002	0.001	<0.001	<0.001
	09/22/00	1.97	<0.100	<0.100	<0.100	<0.100
	12/28/00	0.25	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.105	<0.001	<0.001	<0.001	<0.001
	06/06/01	0.073	<0.001	0.013	0.035	

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

SPS 11  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-11	09/28/01	0.013	<0.001	0.001	<0.001	<0.001
	11/17/01	0.032	<0.001	0.007	<0.001	<0.001
	03/26/02	0.013	0.001	0.004	<0.001	<0.001
	06/26/02	0.001	<0.001	0.004	<0.001	<0.001
	09/25/02	0.001	<0.001	0.004	<0.001	<0.001
	12/10/02	<0.001	<0.001	0.002	<0.001	<0.001
	03/11/03	0.008	0.003	0.002	0.002	<0.001
	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
	09/03/03	0.001	<0.001	0.003	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-12	08/19/99	0.434	0.006	0.054	0.026	0.003
	12/08/99	0.604	0.012	0.08	0.03	0.004
	03/24/00	0.012	0.002	<0.001	0.004	0.001
	06/14/00	0.009	<0.001	0.001	<0.001	<0.001
	09/22/00	0.716	0.026	0.31	0.091	0.039
	12/28/00	0.313	0.006	0.063	0.012	0.004
	03/14/01	0.424	0.013	0.037	0.016	0.004
	06/06/01	0.419	0.013	0.052	0.04	
	09/28/01	0.063	0.004	0.008	0.006	0.001
	11/17/01	0.05	0.003	0.006	0.004	<0.001
	03/26/02	0.002	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.021	0.002	<0.001	0.004	0.001
	09/25/02	0.06	0.009	0.002	0.011	0.003
	12/09/02	0.016	0.006	<0.001	0.008	0.003
	03/11/03	0.028	0.006	<0.001	0.007	0.003
	06/10/03	0.004	<0.001	<0.001	<0.001	<0.001
	09/03/03	0.091	0.007	0.018	0.029	0.006
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-13	08/19/99	<0.001	<0.001	<0.001	0.001	<0.001
	12/08/99	0.001	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.001	<0.001	0.003	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.002	<0.001	0.003	<0.001	<0.001
	06/06/01	<0.001	<0.001	<0.001	<0.001	
	09/27/01	0.002	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.001	<0.001	<0.001	<0.001	<0.001
	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-13	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.002	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.002	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-14	08/19/99	8.03	0.21	1.31	0.68	0.364
	12/08/99	7.97	0.022	1.18	0.459	0.233
	03/24/00	3.47	<0.025	0.2	0.069	0.037
	06/14/00	1.59	0.016	0.106	0.01	<0.010
	09/22/00	3.65	<0.100	0.518	0.229	<0.100
	12/28/00	3.97	0.003	0.392	0.239	0.015
	03/14/01	3.92	<0.020	0.483	0.157	<0.020
	06/06/01	5.46	<0.005	0.695	0.418	
	09/27/01	4.89	<0.005	0.498	0.297	<0.005
	11/17/01	7.14	0.03	0.427	0.413	0.154
	03/26/02	2.46	<0.001	0.186	0.148	0.005
	06/26/02	5.31	<0.001	0.495	0.381	<0.001
	09/25/02	4.29	<0.001	0.309	0.194	<0.001
	12/10/02	2.37	<0.002	0.123	0.097	<0.001
	03/11/03	2.22	<0.001	0.108	0.136	0.006
	06/10/03	3.80	<0.001	0.180	0.176	<0.001
MW-15	09/03/03	2.62	<0.001	0.113	0.051	<0.001
	12/08/03	0.922	0.057	0.194	0.095	0.047
	08/19/99	0.031	<0.001	0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/24/00	0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.006	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.011	<0.001	0.002	<0.001	<0.001
	12/28/00	0.028	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.023	<0.001	0.003	<0.001	<0.001
	06/06/01	0.021	<0.001	<0.001	<0.001	
	09/27/01	0.008	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.040	<0.001	0.003	0.001	<0.001
	03/26/02	0.006	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.002	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.004	<0.001	<0.001	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-15	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-16	08/19/99	0.065	0.004	0.002	0.002	<0.001
	12/08/99	0.055	0.025	0.005	0.005	0.002
	03/24/00	0.108	0.028	0.005	0.005	0.002
	06/14/00	0.017	0.002	<0.001	0.001	<0.001
	09/22/00	0.036	0.003	<0.001	<0.001	<0.001
	12/28/00	0.043	0.032	0.007	0.004	0.002
	03/14/01	0.057	0.036	0.015	0.006	0.002
	06/06/01	0.044	0.016	0.017	0.035	
	09/27/01	0.044	0.027	0.012	0.005	0.002
	11/17/01	0.039	0.025	0.015	0.008	0.004
	03/26/02	0.021	0.004	0.004	0.002	<0.001
	06/26/02	0.105	0.02	0.028	0.004	0.002
	09/25/02	0.201	0.072	0.03	0.013	0.005
	12/10/02	0.049	0.026	0.016	0.005	0.002
MW-17	03/11/03	0.182	0.149	0.036	0.028	0.014
	06/10/03	0.186	0.007	0.117	0.016	0.007
	09/03/03	0.259	0.065	0.109	0.034	0.012
	12/08/03	0.042	0.003	0.009	0.002	0.001
	08/19/99	0.01	0.016	0.008	<0.001	0.004
	12/08/99	0.066	0.068	0.027	0.019	0.009
	03/24/00	0.055	0.063	0.023	0.017	0.007
	06/14/00	0.019	0.023	0.011	0.007	0.004
	09/22/00	0.058	0.059	0.029	0.014	0.006
	12/28/00	0.065	0.08	0.024	0.014	0.007
	03/14/01	0.045	0.057	0.023	0.013	0.006
	06/06/01	0.096	0.058	0.0282	0.042	
	09/27/01	0.064	0.09	0.05	0.029	0.014
	11/17/01	0.026	0.041	0.023	0.013	0.006
	03/26/02	0.012	0.022	0.012	0.008	0.003
	06/26/02	0.016	0.021	0.014	0.007	0.004
	09/25/02	0.038	0.039	0.025	0.014	0.005
	12/10/02	0.008	0.013	0.008	0.005	0.003
	03/11/03	0.022	0.027	0.013	0.010	0.006
	06/10/03	0.003	0.003	0.002	0.001	<0.001
	09/03/03	0.008	0.004	0.003	0.002	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-18	08/19/99	<0.001	<0.001	0.001	<0.001	<0.001
	12/08/99	0.004	<0.001	0.002	0.002	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.007	<0.001	0.002	0.001	<0.001
	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/01	0.005	<0.001	<0.001	<0.001	
	09/27/01	0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.003	<0.001	0.002	0.001	<0.001
	03/26/02	0.004	<0.001	0.001	<0.001	<0.001
	06/26/02	0.001	<0.001	0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.002	0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-19	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.008	0.001	0.002	0.002	<0.001
	03/24/00	0.003	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.002	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	0.002	<0.001	<0.001
	12/28/00	0.012	<0.001	0.002	<0.001	<0.001
	03/14/01	0.008	<0.001	0.002	<0.001	<0.001
	06/06/01	0.006	<0.001	<0.001	<0.001	
	09/27/01	0.001	<0.001	0.001	<0.001	<0.001
	11/17/01	0.005	<0.001	0.003	0.001	<0.001
	03/26/02	0.013	<0.001	0.004	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.004	0.001	0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-20	08/20/99	0.002	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.005	<0.001	0.002	0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	0.001	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-20	12/28/00	0.005	<0.001	<0.001	<0.001	<0.001
	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/01	<0.001	<0.001	<0.001	<0.001	
	09/27/01	0.004	<0.001	0.003	<0.001	<0.001
	11/17/01	0.007	<0.001	0.003	0.001	<0.001
	03/26/02	0.003	<0.001	0.002	<0.001	<0.001
	06/26/02	0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-21	08/20/99	0.701	<0.01	<0.01	<0.001	<0.001
	12/08/99	0.052	<0.001	<0.001	<0.001	<0.001
	03/24/00	0.002	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.002	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/01	<0.005	<0.005	<0.005	<0.005	
	09/27/01	0.003	<0.001	0.003	<0.001	<0.001
	11/17/01	0.014	<0.001	0.006	0.002	<0.001
	03/26/02	0.004	<0.001	0.003	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.001	<0.001	0.002	<0.001	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-22	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.008	<0.001	0.004	<0.001	<0.001
	06/06/01	0.006	<0.001	<0.001	<0.001	
	09/27/01	0.006	<0.001	0.003	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLINE
MW-22	11/17/01	0.007	<0.001	0.004	0.001	<0.001
	03/26/02	0.002	<0.001	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-23	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.002	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.007	<0.001	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.001	<0.001	<0.001	<0.001	<0.001
	06/06/01	0.0057	<0.001	<0.001	<0.001	
	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.004	<0.001	0.002	<0.001	<0.001
	03/26/02	0.003	<0.001	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.016	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	0.005	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW-24	08/19/99	2.29	<0.001	0.023	0.01	<0.001
	12/08/99	0.839	0.007	0.002	0.006	0.002
	03/24/00	0.762	<0.010	<0.010	<0.010	<0.010
	06/14/00	0.887	0.013	0.004	0.004	0.002
	09/22/00	0.663	0.012	0.004	0.003	0.002
	12/28/00	1.38	<0.010	<0.010	<0.010	<0.010
	03/14/01	1.81	0.045	0.019	<0.010	0.012
	06/06/01	0.909	<0.001	<0.001	<0.001	
	09/28/01	1.47	0.024	0.015	0.008	0.005
	11/17/01	0.986	0.004	0.011	0.004	0.001
	03/26/02	0.839	0.002	0.005	0.002	<0.001
	06/26/02	0.87	0.003	0.008	0.002	<0.001
	09/25/02	1.08	0.017	0.014	0.009	0.003

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-24	12/10/02	1.39	0.021	0.012	0.007	0.002
	03/11/03	0.493	0.046	0.015	0.018	0.008
	06/10/03	0.574	0.002	0.002	0.002	<0.001
	09/03/03	0.348	0.004	0.004	0.003	0.001
	12/08/03	0.741	0.006	0.011	0.005	0.001
MW-25	08/19/99	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.002	<0.001	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/01	0.007	<0.001	<0.001	<0.001	
	09/28/01	<0.001	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.006	<0.001	0.003	<0.001	<0.001
	03/26/02	0.005	<0.001	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.002	<0.001	<0.001	<0.001	<0.001
MW - 26	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	0.003	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
	06/03/00	0.02	0.003	0.002	0.002	0.001
	09/22/00	0.021	0.041	0.008	0.013	0.006
	12/28/00	0.386	0.13	0.04	0.025	0.014
	03/14/01	0.731	0.267	0.16	0.075	0.031
	06/06/01	1.01	0.263	0.179	0.204	
	09/28/01	1.7	0.469	0.441	0.201	0.084
	11/17/01	1.6	0.534	0.417	0.24	0.081
	03/26/02	1.69	0.547	0.361	0.213	0.086
	06/26/02	0.78	0.259	0.223	0.118	0.053
	09/25/02	1.42	0.551	0.384	0.196	0.074
	12/10/02	1.39	0.691	0.155	0.182	0.1
MW - 27	03/11/03	0.753	0.104	0.146	0.071	0.034
	06/10/03	0.836	0.051	0.168	0.094	0.039
	09/03/03	0.776	0.048	0.229	0.111	0.045
	12/08/03	1.17	0.045	0.249	0.079	0.043
	06/03/00	0.001	0.001	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.003	0.004	0.002	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW-27	03/14/01	<0.001	0.002	<0.001	<0.001	<0.001
	06/06/01	0.0048	<0.001	<0.001	<0.001	<0.001
	09/28/01	0.001	0.002	0.001	<0.001	<0.001
	11/17/01	0.001	0.001	0.001	<0.001	<0.001
	03/26/02	0.004	0.003	0.002	0.001	<0.001
	06/26/02	0.001	<0.001	0.002	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.008	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 28	06/03/00	0.193	0.004	0.005	0.004	0.001
	09/22/00	1.58	0.059	0.374	0.192	0.024
	12/28/00	4.08	0.073	0.469	0.15	0.038
	03/14/01	2.73	0.018	0.212	0.025	0.02
	06/06/01	2.06	0.064	0.121	0.182	
	09/28/01	2.25	0.027	0.094	0.037	0.019
	11/17/01	1.49	0.035	0.104	0.055	0.022
	03/26/02	2.13	0.073	0.226	0.118	0.043
	06/26/02	2.22	0.043	0.292	0.121	0.052
	09/25/02	3.31	0.06	0.506	0.257	0.088
	12/10/02	2.12	0.025	0.125	0.047	0.018
	03/11/03	2.00	0.012	0.487	0.226	0.076
	06/10/03	1.71	0.001	0.417	0.245	0.066
	09/03/03	1.83	0.001	0.469	0.216	0.047
	12/08/03	2.28	0.001	0.535	0.264	0.029
MW - 29	03/26/02	2.34	0.002	0.102	0.016	0.001
	06/26/02	1.66	0.001	0.109	0.026	<0.001
	09/25/02	4.33	0.001	0.087	0.019	<0.001
	12/10/02	5.66	0.003	0.014	0.005	<0.001
	03/11/03	3.33	<0.001	0.074	0.016	<0.001
	06/10/03	3.00	<0.001	0.031	0.007	<0.001
	09/03/03	2.88	<0.001	0.039	0.005	<0.001
	12/08/03	3.55	<0.001	0.035	0.002	<0.001
MW - 30	03/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.002	0.003	0.002	0.002	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.002	<0.001	<0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001

**TABLE 2**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**  
**LINK ENERGY**

**SPS 11**  
**LEA COUNTY, NEW MEXICO**  
**ETGI PROJECT # LI 2022**

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 30	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
MW - 31	03/26/02	0.002	0.001	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001
	03/11/03	0.004	<0.001	0.001	<0.001	<0.001
	06/10/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/03/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/08/03	<0.001	<0.001	<0.001	<0.002	<0.001
EB - 1	09/22/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/14/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/01	<0.001	<0.001	<0.001	<0.001	
	11/17/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001	<0.001

*Note: m,p and o Xylenes combined when analyzed by Trace Laboratories, Inc. only.*

## **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:** Robert Eddison  
**Address:** 2540 W. Marland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	03/20/03	8260b	---	---	---	---	---
Benzene	84.4	µg/L	10	<10	03/21/03	8260b	---	4.1	105.2	98.4	105
Ethylbenzene	17.2	µg/L	1	<1	03/20/03	8260b	---	0.1	124.4	117.9	127.3
m,p-Xylenes	74.5	µg/L	1	<1	03/20/03	8260b	---	0.7	121.6	112.9	123.1
o-Xylene	24.9	µg/L	1	<1	03/20/03	8260b	---	0.4	122.8	115.2	125.6
Toluene	14.8	µg/L	1	<1	03/20/03	8260b	---	3.5	113.2	99.6	114

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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 and PDS recoveries 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.

# ONLYSYNS

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: Robert Bidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-1

Report#Lab ID#: 140478  
Sample Matrix: water

## REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	116	80-120	---
Toluene-d8	8260b	107	88-110	---

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

**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: Robert Edson  
Address: 2540 W. Maryland  
Hobbs NM 88240  
Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>8</sup>
Volatile organics-8260b/BTEX	--		--		03/21/03	8260b	--	--	--	--	--
Benzene	<1	µg/L	1	<1	03/21/03	8260b	--	4.1	105.2	98.4	105
Ethylbenzene	<1	µg/L	1	<1	03/21/03	8260b	--	0.1	124.4	117.9	127.3
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	--	0.7	121.6	112.9	123.1
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	--	0.4	122.8	115.2	125.6
Toluene	<1	µg/L	1	<1	03/21/03	8260b	--	3.5	113.2	99.6	114

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

Report#/**Lab ID#**: 140479 Report Date: 03/25/03  
**Project ID**: SPS-11 EO 2022  
**Sample Name**: MW-2  
**Sample Matrix**: water  
**Date Received**: 03/14/2003 **Time**: 13:15  
**Date Sampled**: 03/11/2003 **Time**: 08:15

**QUALITY ASSURANCE DATA<sup>1</sup>**



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.

**CHI STYLS**

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: Robert Eidsom

Project ID: SPS-11 EO 2022  
Sample Name: MW-2

Report# /Lab ID#: 140479  
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	106	88-110	---

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

**ANALYSIS**

3512 Montopolis Drive, Austin, TX 78744 &  
2209 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 385-5386 • FAX (512) 385-7411

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/20/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/20/03	8260b	J	4.1	105.2	98.4	105
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	0.1	124.4	117.9	127.3
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	0.7	121.6	112.9	123.1
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	0.4	122.8	115.2	125.6
Toluene	<1	µg/L	1	<1	03/20/03	8260b	J	3.5	113.2	99.6	114

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Richard Laster

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**Surveys**

Client: Environmental Tech Group  
Attn: Robert Eidsom

Project ID: SPS-11 EO 2022  
Sample Name: MW-3

Report#/Lab ID#: 140480  
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	108	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

## Exceptions Report:

Report #/Lab ID#: 140480	Matrix: water	Attn: Robert Eidson
Client: Environmental Tech Group		
Project ID: SPS-11 EO 2022		

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

**Comments pertaining to Data Qualifiers and QC data:**

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

**Notes:**

**AnalySys**  
INNOVATIVE

Client: Environmental Tech Group  
 Attn: Robert Eidsen  
 Address: 2540 W. Maryland  
 Hobbs  
 Phone: 505 397-4882 FAX: 505 397-4701

## REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	03/20/03	8260b	---	---	---	---	---	---
Benzene	<b>5.09</b>	µg/L	1	<1	03/20/03	8260b	---	4.1	105.2	98.4	105
Ethylbenzene	<b>1.03</b>	µg/L	1	<1	03/20/03	8260b	---	0.1	124.4	117.9	127.3
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	0.7	121.6	112.9	123.1
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	0.4	122.8	115.2	125.6
Toluene	<1	µg/L	1	<1	03/20/03	8260b	---	3.5	113.2	99.6	114

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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Respectfully Submitted,

*Richard Laster*  
Richard Laster

**0777L4S45**

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:	SPS-11 EO 2022
Attn:	Robert Eidson	Sample Name:	MW-4

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	108	88-110	---

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

Report#Lab ID#: 140481  
Sample Matrix: water

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recover. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/20/03	8260b	J	4.1	105.2	98.4	105
Benzene	<1	µg/L	1	<1	03/20/03	8260b	---	0.1	124.4	117.9	127.3
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	0.7	121.6	112.9	123.1
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	0.4	122.8	115.2	125.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	3.5	113.2	99.6	114
Toluene	<1	µg/L	1	<1							

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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**CHROMS**

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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: Robert Eidson

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	107	88-110	---

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

Project ID: SPS-11 EO 2022  
Sample Name: MW-6

Report#Lab ID#: 140482  
Sample Matrix: water

## Exceptions Report:

Report #/Lab ID#: 140482	Matrix: water
Client: Environmental Tech Group	
Project ID: SPS-11 EO 2022	
Sample Name: MW-6	

**Sample Temperature/Condition <=6°C**

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

**Sample Bottles & Preservation**

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

**J flag Discussion**

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

**Comments pertaining to Data Qualifiers and QC data:**

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

Notes:

**AnalySys**  
f/n/c

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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:** Robert Eidson  
**Address:** 2540 W. Marland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	03/20/03	8260b	---	---	---	---	---
Benzene	42.6	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	30.7	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	1.88	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	J	1.4	101.1	106.3	99
Toluene	4.23	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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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 Limit (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. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

**CHROMS**

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Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-7

Report# /Lab ID#: 140483  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.8	80-120	---
Toluene-d8	8260b	94	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140483	Matrix: water	Attn: Robert Eidson
Client: Environmental Tech Group		
Project ID: SPS-11 EO 2022		

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

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- Sample received in appropriate container(s). State of sample preservation unknown.
- Sample received in inappropriate container(s) and/or with unknown state of preservation.

### J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS or 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:

**ANALYSIS**  
by AnalySys

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	--		--		03/21/03	8260b	--	--	--	--	--
Benzene	9.66	µg/L	10	<10	03/21/03	8260b	--	1.4	87.9	114.5	94.1
Ethylbenzene	1.90	µg/L	1	<1	03/21/03	8260b	--	2.8	97.3	98	100.8
m,p-Xylenes	9.82	µg/L	1	<1	03/21/03	8260b	--	2.5	98.4	94.4	98.9
o-Xylene	1.36	µg/L	1	<1	03/21/03	8260b	--	2	102.2	101	106.5
Toluene	<1	µg/L	1	<1	03/21/03	8260b	J	1.8	99	94.8	101.3

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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 on 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.

Report#/Lab ID#: 140484	Report Date: 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-9	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 09:30

**QUALITY ASSURANCE DATA<sup>1</sup>**

**077L4SY5**

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Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SFS-11 EO 2022  
Sample Name: MW-9

Report# /Lab ID#: 140484  
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	93.7	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140484	Matrix: water	Attn: Robert Eidson
Client: Environmental Tech Group		
Project ID: SPS-11 EO 2022		
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
Toluene	J	See J-flag discussion above.

Notes:

**AnalySys**  
INC.

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 (512) 385-5886 • FAX (512) 385-7411

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

## REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/21/03	8260b	---	---	---	---	---
Benzene	6.62	µg/L	1	<1	03/21/03	8260b	---	1	89.7	84.6	87.7
Ethylbenzene	1.01	µg/L	1	<1	03/21/03	8260b	---	7.9	96	100.5	101.1
m,p-Xylenes	1.06	µg/L	1	<1	03/21/03	8260b	---	8.3	95.6	97.9	101.5
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	J	7.2	101.9	100.6	104.7
Toluene	2.64	µg/L	1	<1	03/21/03	8260b	---	1.7	99	95.3	97.3

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. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**Surrogates**

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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: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-10

Report#/Lab ID#: 140485  
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	93.3	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140485	Matrix: water	Attn: Robert Eidson
Client: Environmental Tech Group		
Project ID: SPS-11 EO 2022		
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.
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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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

### Comments Pertaining to Data Qualifiers and QC data:

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

Notes:

**ANALYSYS**  
INC.

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/20/03	8260b	---	---	---	---	---
Benzene	7.71	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	1.73	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	1.55	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	J	1.4	101.1	106.3	99
Toluene	2.58	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Report# /Lab ID#: 140486	Report Date: 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-11	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 10:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

**07074545**

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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: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-11

Report# /Lab ID#: 140486  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.8	80-120	---
Toluene-d8	8260b	95.5	88-110	---

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

## Exceptions Report:

**Report #/Lab ID#:** 140486   **Matrix:** water  
**Client:** Environmental Tech Group      **Attn:** Robert Eidson  
**Project ID:** SPS-11 EO 2022  
**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

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## **Final Discussion**

**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 (e.g., 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:

Comments Pertaining to Data Summarized and $Q_0$ water.		
Parameter	Comment	
Parameter	Qualif	Comment
$\alpha$ -Xylene	J	See J-flag discussion above.

Notes

**AnalySys**  
iRCE

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Client: Environmental Tech Group  
 Attn: Robert Eidson  
 Address: 2540 W. Marland  
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 Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/20/03	8260b	---	---	---	---	---
Benzene	28.3	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	7.21	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	3.07	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	6.46	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**CHROMAT**

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Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-12

Report#/Lab ID#: 140487  
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	93.6	88-110	---

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/20/03	8260b	---	---	---	---	---
Benzene	1.79	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Lester*  
Richard Lester

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077L4S45

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Robert Eidsom

REPORT OF SURROGATE RECOVERY

Project ID: SPS-11 EO 2022  
Sample Name: MW-13

Report#/Lab ID#: 140488  
Sample Matrix: water

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95	80-120	----
Toluene-d8	8260b	95.2	88-110	----

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

**AnalySys**  
JRC

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Robert Eidsen  
Address: 2540 W. Marland Hobbs NM 88240

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	03/21/03	8260b	---	---	---	---	---
Benzene	2220	µg/L	100	<100	03/21/03	8260b	---	1.4	87.9	114.5	94.1
Ethylbenzene	108	µg/L	1	<1	03/21/03	8260b	---	2.8	97.3	98	100.8
m,p-Xylenes	136	µg/L	1	<1	03/21/03	8260b	---	2.5	98.4	94.4	98.9
o-Xylene	5.7	µg/L	1	<1	03/21/03	8260b	---	2	102.2	101	106.5
Toluene	<1	µg/L	1	<1	03/21/03	8260b	J	1.8	99	94.8	101.3

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Respectfully Submitted,

*Richard Lester*  
Richard Lester

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**CHROMASYS**

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Client: Environmental Tech Group  
Attn: Robert Edson

Project ID: SPS-11 EO 2022  
Sample Name: MW-14

Report# /Lab ID#: 140489  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	80-120	---
Toluene-d8	8260b	89.1	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140489	Matrix: water
Client: Environmental Tech Group	Attn: Robert Eidson
Project ID: SPS-11 EO 2022	
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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

**Comments pertaining to Data Qualifiers and QC data:**

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

**Notes:**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/20/03	8260b	---	---	---	---	---
Benzene	3.79	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#/ <b>Lab ID#:</b> 140490	Report Date: 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-15	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 11:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

**Analytics**  
("r")

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**Client:** Environmental Tech Group  
**Attn:** Robert Eidson

**Project ID:** SPS-11 EO 2022  
**Sample Name:** MW-15

**Report# / Lab ID#:** 140490  
**Sample Matrix:** water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.8	80-120	---
Toluene-d8	8260b	93.1	88-110	---

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

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**Client:** Environmental Tech Group  
**Attn:** Robert Eidsom  
**Address:** 2540 W. Maryland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Reco <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/21/03	8260b	---	---	---	---	---
Benzene	18.2	µg/L	1	<1	03/21/03	8260b	---	1.4	87.9	114.5	94.1
Ethylbenzene	36.2	µg/L	1	<1	03/21/03	8260b	---	2.8	97.3	98	100.8
m,p-Xylenes	28.1	µg/L	1	<1	03/21/03	8260b	---	2.5	98.4	94.4	98.9
o-Xylene	14.3	µg/L	1	<1	03/21/03	8260b	---	2	102.2	101	106.5
Toluene	14.9	µg/L	1	<1	03/21/03	8260b	---	1.8	99	94.8	101.3

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Richard Laster

Richard Laster

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**ONTOLOGY**

Client: Environmental Tech Group  
Attn: Robert Eidsom

Project ID: SPS-11 EO 2022  
Sample Name: MW-16

Report# / Lab ID#: 140491  
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	92.5	88-110	---

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

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**ANALYSIS**

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**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/20/03	8260b	---	---	---	---	---
Benzene	21.6	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	13.3	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	10.3	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	5.98	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	27.2	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**ONLYS**  
Environmental Tech Group

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Client: Environmental Tech Group  
Attn: Robert Erdson

Project ID: SPS-11 EO 2022  
Sample Name: MW-17

Report# /Lab ID#: 140492  
Sample Matrix: water

#### **REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	---
Toluene-d8	8260b	91.2	88-110	---

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

**AnalySys**

Client: Environmental Tech Group  
Attn: Robert Eidson  
Address: 2540 W. Marland  
Hobbs  
Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/20/03	8260b	---	---	---	---	---
Benzene	<b>1.63</b>	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	J	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	J	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	<b>1.09</b>	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#/ <b>Lab ID#:</b> 140493	Report Date: 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-18	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 11:45

**DATA SVS**

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-18

Report#/Lab ID#: 140493  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	80-120	---
Toluene-d8	8260b	92.3	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140493 Matrix: water  
Client: Environmental Tech Group Attn: Robert Eidson  
Project ID: SPS-11 EO 2022

Sample Name: MW-18

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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

Sample received in appropriate container(s). State of sample preservation unknown.

Sample received in inappropriate container(s) and/or with unknown state of preservation.

### J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (e.g. 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.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

**AnalySys**

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 (512) 385-5886 • FAX (512) 385-7411

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	03/20/03	8260b		---	---	---	---	---
Benzene	<b>3.87</b>	µg/L	1	<1	03/20/03	8260b		0.1	76.3	90.2	84.1
Ethylbenzene	<b>1.16</b>	µg/L	1	<1	03/20/03	8260b		4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	J	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	<b>1.37</b>	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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*Richard Laster*  
Richard Laster

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Report#Lab ID#: 140494	Report Date: 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-19	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 12:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

**CHLOROETHANE**

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:	SPS-11 EO 2022	Report#/Lab ID#:	140494
Attn:	Robert Eidson	Sample Name:	MW-19	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	94.4	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140494 Matrix: water  
Client: Environmental Tech Group Attn: Robert Eidson  
Project ID: SPS-11 EO 2022  
Sample Name: MW-19

### 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:

**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: Robert Eidson  
Address: 2540 W. Marland  
Hobbs NM 88240  
Phone: 505 397-4882 FAX: 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	<1	03/20/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/20/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**070L454y5**

Client: Environmental Tech Group  
Attn: Robert Eidson

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	91.4	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

Report#/Lab ID#: 140495  
Sample Matrix: water

Project ID: SPS-11 EO 2022  
Sample Name: MW-20

**ANALYSYS**

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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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**Client:** Environmental Tech Group  
**Attn:** Robert Eidson  
**Address:** 2540 W. Marland  
             Hobbs  
**Phone:** 505 397-4882     **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Reco. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	03/20/03	8260b	J	0.1	76.3	90.2	84.1
Benzene	<1	µg/L	1	<1	03/20/03	8260b	J	4.2	89.4	105.5	94.1
Ethylbenzene	<1	µg/L	1	<1	03/20/03	8260b	---	3	94.9	103.1	94.6
m,p-Xylenes	<1	µg/L	1	<1	03/20/03	8260b	---	1.4	101.1	106.3	99
o-Xylene	<1	µg/L	1	<1	03/20/03	8260b	---	2.4	92.6	99.8	93.3
Toluene	<1	µg/L	1	<1	03/20/03	8260b	---	---	---	---	---

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#/ <b>Lab ID#:</b> 140496	Report Date: 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-21	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 13:00

**Surveys**

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-21

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	80-120	---
Toluene-d8	8260b	92.9	88-110	---

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

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Report#/Lab ID#: 140496  
Sample Matrix: water

## Exceptions Report:

Report #/Lab ID#: 140496	Matrix: water
Client: Environmental Tech Group	Attn: Robert Eidson
Project ID: SPS-11 EO 2022	
Sample Name: MW-21	

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

### Notes:

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(512) 385-5886 • FAX (512) 385-7411

**Client:** Environmental Tech Group  
**Attn:** Robert Eidsom  
**Address:** 2540 W. Maryland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQI <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	03/21/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/21/03	8260b	J	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/21/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/21/03	8260b	---	2.4	92.6	99.8	93.3

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**Report#/**Lab ID#:**** 140497 **Report Date:** 03/25/03  
**Project ID:** SPS-11 EO 2022  
**Sample Name:** MW-22  
**Sample Matrix:** water  
**Date Received:** 03/14/2003 **Time:** 13:15  
**Date Sampled:** 03/11/2003 **Time:** 13:15

**QUALITY ASSURANCE DATA<sup>1</sup>**

Q77L4S4Y5

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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: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-22

Report# / Lab ID#: 140497  
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	92.7	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140497 Matrix: water  
Client: Environmental Tech Group Attn: Robert Eidsom  
Project ID: SPS-11 EO 2022  
Sample Name: MW-22

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

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

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**ANALYSYS**  
INC.

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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:** Robert Eildson  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/21/03	8260b	---	---	---	---	---
Benzene	<b>15.7</b>	µg/L	1	<1	03/21/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/21/03	8260b	J	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	J	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/21/03	8260b	J	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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7/17/05

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-23

Report#Lab ID#: 140498  
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	91.3	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140498	Matrix: water
Client: Environmental Tech Group	Attn: Robert Eidson
Project ID: SPS-11 EO 2022	
Sample Name: MW-23	

### Sample Temperature/Condition <=6°C

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

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>1</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<10	03/21/03	8260b	---	---	---	---	---
Benzene	49.3	µg/L	10	<1	03/21/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	14.8	µg/L	1	<1	03/21/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	17.9	µg/L	1	<1	03/21/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	8.38	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	4.6	µg/L	1	<1	03/21/03	8260b	---	2.4	92.6	99.8	93.3

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Richard Laster

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**770t45**

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(512) 385-5386 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Robert Eidsom

Project ID: SPS-11 EO 2022  
Sample Name: MW-24

Report# /Lab ID#: 140499  
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	92.8	88-110	---

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

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Client: Environmental Tech Group  
Attn: Robert Eidson  
Address: 2540 W. Marland  
Hobbs NM 88240

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/21/03	8260b	---	---	---	---	---
Benzene	<b>1.84</b>	µg/L	1	<1	03/21/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/21/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	J	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/21/03	8260b	J	2.4	92.6	99.8	93.3

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*Richard Laster*  
Richard Laster

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**Q77L4S45**

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: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-25

Report# / Lab ID#: 140500  
Sample Matrix: water

#### **REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.4	80-120	---
Toluene-d8	8260b	91.2	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140500	Matrix: water
Client: Environmental Tech Group	Attn: Robert Eddison
Project ID: SPS-11 EO 2022	
Sample Name: MW-25	

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**AnalySys**

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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:** Robert Eidson  
**Address:** 2540 W. Marland  
 Hobbs  
**NM** 88240  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Reco <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/21/03	8260b	---	---	---	---	---
Benzene	753	µg/L	10	<10	03/21/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	146	µg/L	1	<1	03/21/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	70.7	µg/L	1	<1	03/21/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	34.4	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	104	µg/L	1	<1	03/21/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**ENVISYS**

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(512) 385-5886 • FAX (512) 385-7411

**Client:** Environmental Tech Group  
**Attn:** Robert Erdson

**Project ID:** SPS-11 EO 2022  
**Sample Name:** MW-26

**Report# /Lab ID#:** 140501  
**Sample Matrix:** water

#### **REPORT OF SURROGATE RECOVERY**

<b>Surrogate Compound</b>	<b>Method</b>	<b>Recovery</b>	<b>Recovery Limit</b>	<b>Data Qualifiers</b>
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	92.8	88-110	---

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

**AnalySys**

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**Client:** Environmental Tech Group  
**Attn:** Robert Edson  
**Address:** 2540 W. Maryland  
 Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQI <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		03/21/03	8260b	---	---	---	---	---
Benzene	7.78	µg/L	1	<1	03/21/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	<1	µg/L	1	<1	03/21/03	8260b	J	4.2	89.4	105.5	94.1
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	<1	µg/L	1	<1	03/21/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Report#/ <b>Lab ID#:</b> 140502	<b>Report Date:</b> 03/25/03
Project ID: SPS-11 EO 2022	
Sample Name: MW-27	
Sample Matrix: water	
Date Received: 03/14/2003	Time: 13:15
Date Sampled: 03/11/2003	Time: 14:30

**QUALITY ASSURANCE DATA<sup>1</sup>**

**ONTOLOGY**  
W7C

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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: Robert Erdson

Project ID: SPS-11 EO 2022  
Sample Name: MW-27

Report#/Lab ID#: 140502  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.5	80-120	---
Toluene-d8	8260b	90.8	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140502 Matrix: water  
Client: Environmental Tech Group Attn: Robert Eddison  
Project ID: SPS-11 EO 2022  
Sample Name: MW-27

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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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.

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQI <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	03/21/03	8260b		---	---	---	---	---
Benzene	2000	µg/L	100	<100	03/21/03	8260b	---	0.1	76.3	90.2	84.1
Ethylbenzene	487	µg/L	100	<100	03/21/03	8260b	---	4.2	89.4	105.5	94.1
m,p-Xylenes	226	µg/L	1	<1	03/21/03	8260b	---	3	94.9	103.1	94.6
o-Xylene	75.6	µg/L	1	<1	03/21/03	8260b	---	1.4	101.1	106.3	99
Toluene	11.6	µg/L	1	<1	03/21/03	8260b	---	2.4	92.6	99.8	93.3

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**AnalySys**  
Analytical Services

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**Client:** Environmental Tech Group  
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**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882    **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Method <sup>6</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	03/21/03	8260b	---	---	---	---	---	---
Benzene	33.30	µg/L	100	<100	03/21/03	8260b	---	0.1	76.3	90.2	84.1	
Ethylbenzene	74.4	µg/L	1	<1	03/21/03	8260b	---	4.2	89.4	105.5	94.1	
m,p-Xylenes	15.9	µg/L	1	<1	03/21/03	8260b	---	3	94.9	103.1	94.6	
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	J	1.4	101.1	106.3	99	
Toluene	<1	µg/L	1	<1	03/21/03	8260b	---	2.4	92.6	99.8	93.3	

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Respectfully Submitted,

*Richard Laster*

Richard Laster

Report#Lab ID#: 140504    Report Date: 03/25/03  
 Project ID: SPS-11 EO 2022  
 Sample Name: MW-29  
 Sample Matrix: water  
 Date Received: 03/14/2003    Time: 13:15  
 Date Sampled: 03/11/2003    Time: 15:00

**QUALITY ASSURANCE DATA<sup>1</sup>**



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.

**Quality Systems**

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-29

Report# /Lab ID#: 140504  
Sample Matrix: water

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(512) 385-5886 • FAX (512) 385-7411

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	93.9	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 140504	Matrix: water	Attn: Robert Eidson
Client: Environmental Tech Group		
Project ID: SPS-11 EO 2022		

Sample Name: MW-29

### Sample Temperature/Condition <=6°C

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

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**Analytical Services**

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: Robert Eldson  
Address: 2540 W. Marland  
Hobbs NM 88240

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/21/03	8260b	---	---	---	---	---
Benzene	2.04	µg/L	1	<1	03/21/03	8260b	---	1.4	87.9	114.5	94.1
Ethylbenzene	<1	µg/L	1	<1	03/21/03	8260b	---	2.8	97.3	98	100.8
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	---	2.5	98.4	94.4	98.9
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	---	2	102.2	101	106.5
Toluene	<1	µg/L	1	<1	03/21/03	8260b	---	1.8	99	94.8	101.3

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Report#Lab ID#: 140505 Report Date: 03/25/03  
Project ID: SPS-11 EO 2022  
Sample Name: MW-30  
Sample Matrix: water  
Date Received: 03/14/2003 Time: 13:15  
Date Sampled: 03/11/2003 Time: 15:15

#### QUALITY ASSURANCE DATA<sup>1</sup>

**CHLORUS**

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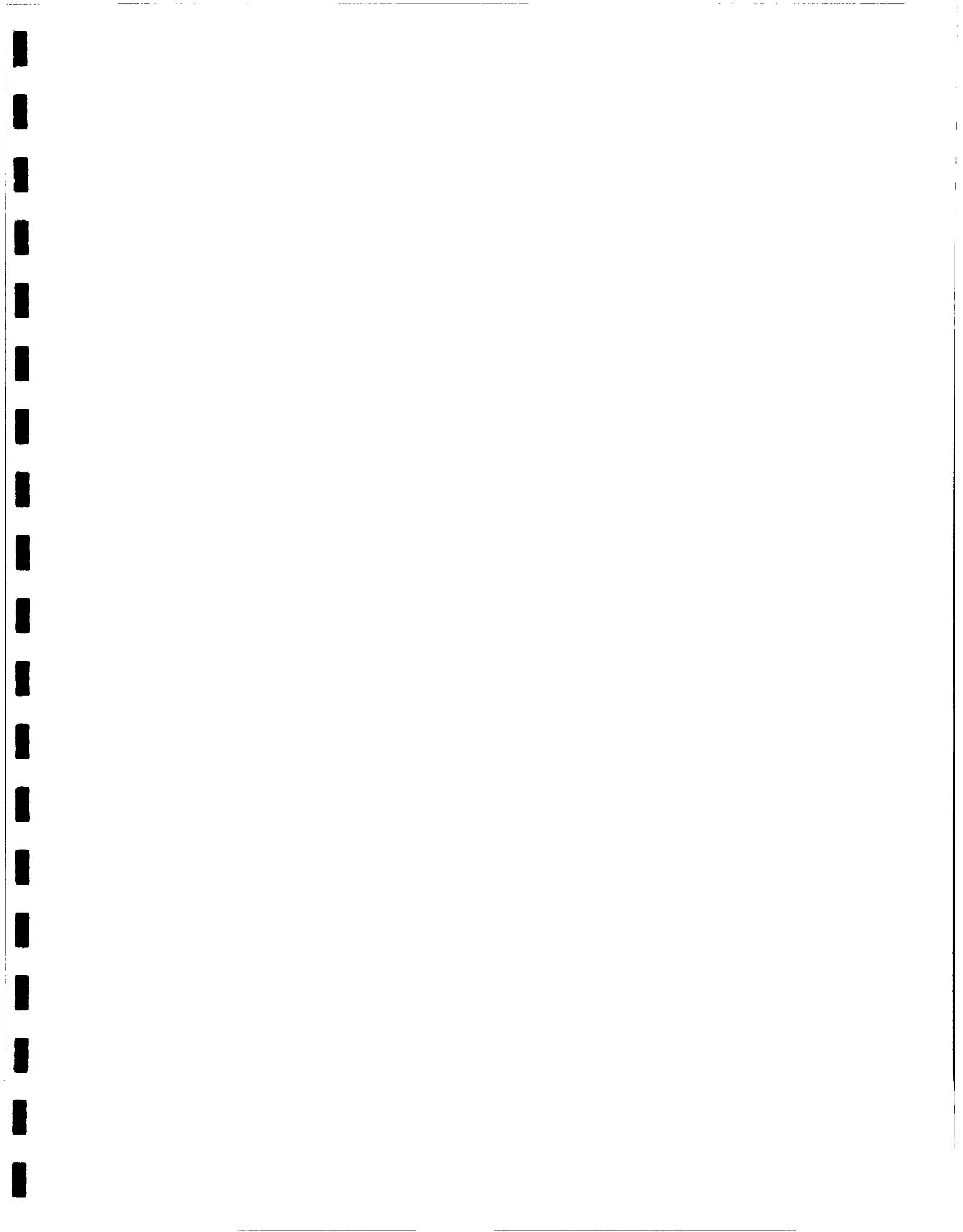
Client:	Environmental Tech Group	Project ID:	SPS-11 EO 2022
Attn:	Robert Erdson	Sample Name:	MW-30

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	80-120	---
Toluene-d8	8260b	93.3	88-110	---

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

Report#Lab ID#: 140505  
Sample Matrix: water



**AnalySys**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	03/21/03	8260b	---	---	---	---	---
Benzene	4.23	µg/L	1	<1	03/21/03	8260b	---	1.4	87.9	114.5	94.1
Ethybenzene	1.32	µg/L	1	<1	03/21/03	8260b	---	2.8	97.3	98	100.8
m,p-Xylenes	<1	µg/L	1	<1	03/21/03	8260b	J	2.5	98.4	94.4	98.9
o-Xylene	<1	µg/L	1	<1	03/21/03	8260b	---	2	102.2	101	106.5
Toluene	<1	µg/L	1	<1	03/21/03	8260b	---	1.8	99	94.8	101.3

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*Richard Laster*  
Richard Laster

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**CHROMS**

6715

Client: Environmental Tech Group  
Attn: Robert Eidson

Project ID: SPS-11 EO 2022  
Sample Name: MW-31

Report#/Lab ID#: 140506  
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	94.9	88-110	---

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

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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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**Exceptions Report:**

Report #/Lab ID#: 140506 Matrix: water  
Client: Environmental Tech Group Attn: Robert Eidson  
Project ID: SPS-11 EO 2022  
Sample Name: MW-31

**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 (e.g. 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:

**Send Report To:**Company Name E. T.C. L.Address 2511 W. MainlandCity Hobbs State NM Zip 88212ATTN: Robert Eissen Phone (505) 377-4382 Fax 505-377-4201Rush Status (must be confirmed with lab mgr.):  
Project Name/PO#: SPS-11 Sampler: John Finch**Bill to (if different):**Company Name Ett

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

ATTN: \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_

Comments \_\_\_\_\_

**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)
MW - 1	3-11-03	8:00	2	X		140478 X
MW - 2	3-11-03	8:15	2	X		140479 X
MW - 3	3-11-03	8:30	2	X		140480 X
MW - 4	3-11-03	8:45	2	X		140481 X
MW - 5	3-11-03	9:00	2	X		140482 X
MW - 6	3-11-03	9:15	2	X		140483 X
MW - 7	3-11-03	9:30	2	X		140484 X
MW - 8	3-11-03	9:45	2	X		140485 X
MW - 9	3-11-03	10:00	2	X		140486 X
MW - 10	3-11-03	10:15	2	X		140487 X
MW - 11						
MW - 12						

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 method of units (MDA). 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 Trinity's ASI's list at ASI's option. Specific compound lists must be supplied for all GC procedures.

 $T = 4.9^{\circ}C$ 

Sample Relinquished By	Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
	<u>John Finch</u>	<u>ETC</u>	<u>3-11-03</u>		<u>William Jernihiry</u>	<u>ASL</u>	<u>3-11-03</u>	

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



**Send Reports To:**

Company Name ETC  
 Address 2541 W. Highland  
 City Houston State TX Zip 77041  
 ATTN: Robert Eidsom  
 Phone (281) 486-2122 Fax (281) 486-2122

Rush Status (must be confirmed with lab mgr.):  
 Project Name/Po# JP5/11 Oct-2032 Sampler: Justine Fiedl

**Bill to (if different):**

Company Name ETC  
 Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

**Analyses Requested (1)**

Please attach explanatory information as required

or attach a separate sheet.

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water Waste	Lab I.D. # (Lab only)	Comments
MW-23	3-11-03	1:30	2	X		140498	✓
MW-24	3-11-03	1:45	2	X		140499	✓
MW-25	3-11-03	2:00	2	X		140500	✓
MW-26	3-11-03	2:15	2	X		140501	✓
MW-27	3-11-03	2:30	2	X		140502	✓
MW-28	3-11-03	2:45	2	X		140503	✓
MW-29	3-11-03	3:00	2	X		140504	✓
MW-30	3-11-03	3:15	2	X		140505	✓
MW-31	3-11-03	3:30	2	X		140506	✓

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 internal or public (MSD/IRQ). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this GC procedures, 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	Name	Affiliation	Date	Time
<u>Justine Fiedl</u>	<u>ETC</u>	<u>3-11-03</u>		<u>Melanie Thompson</u>	<u>ASI</u>	<u>3-11-03</u>	<u>13:15</u>

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

# FILE

**ANALYSTS**  
R.E.

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

## REPORT OF ANALYSIS

### Parameter

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	06/17/03	8260b	---	---	---	---	---
Benzene	1170	µg/L	10	<10	06/17/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	77.8	µg/L	10	<10	06/17/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	111	µg/L	10	<10	06/17/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	19.5	µg/L	10	<10	06/17/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	80.1	µg/L	10	<10	06/17/03	8260b	---	1.4	90.5	86.3	86.5

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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 and PDS recoveries 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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Report# 06/18/03

Project ID: EO 2022 SPS-11

Sample Name: MW-1

Sample Matrix: water

Date Received: 06/11/2003

Date Sampled: 06/10/2003

Time: 12:00

Time: 07:30

## QUALITY ASSURANCE DATA<sup>1</sup>

**CHILLY'S**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-1

Report#/Lab ID#: 143910  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.1	80-120	---
Toluene-d8	8260b	109	88-110	---

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

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**AnalySys**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	J	4.9	86.3	82.3	81.9
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#/Lab ID#: 143911	Report Date: 06/18/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-2	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 07:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

**Environmental Tech Group**

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

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

**Project ID:** EO 2022 SPS-11  
**Sample Name:** MW-2

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.3	80-120	---
Toluene-d8	8260b	107	88-110	---

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

**Report# /Lab ID#:** 143911  
**Sample Matrix:** water

**Exceptions Report:**

Report #/Lab ID#:	143911	Matrix:	water
Client:	Environmental Tech Group	Attn:	Camille Reynolds
Project ID:	EO 2022 SPS-11		
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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

**Comments pertaining to Data Qualifiers and QC data:**

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

**Notes:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**AnalySys**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#Lab ID#: 143912 Report Date: 06/18/03

Project ID: EO 2022 SPS-11

Sample Name: MW-3

Sample Matrix: water

Date Received: 06/11/2003 Time: 12:00

Date Sampled: 06/10/2003 Time: 08:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

**CHI**LLY'S  
Environmental Services

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Report# /Lab ID#: 143912

Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-3

Report# /Lab ID#: 143912

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	108	88-110	----

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

**AnalySys**

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 2209 N. Padre Island Dr., Corpus Christi, TX 78408  
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**REPORT OF ANALYSIS**

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

Report#/ <b>Lab ID#:</b> 143913	<b>Report Date:</b> 06/18/03
<b>Project ID:</b> EO 2022 SPS-11	
<b>Sample Name:</b> MW-4	
<b>Sample Matrix:</b> water	
<b>Date Received:</b> 06/11/2003	<b>Time:</b> 12:00
<b>Date Sampled:</b> 06/10/2003	<b>Time:</b> 08:15

**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/16/03	8260b	---	---	---	---	---
Benzene	3.14	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	1.28	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	J	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**Environmental Services**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-4

Report# / Lab ID#: 143913  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.2	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

## Exceptions Report:

Report #/Lab ID#: 143913	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO 2022 SPS-11		
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 (e.g. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**AnalySys**

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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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.

**CHNLLV545**

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.8	80-120	---
Toluene-d8	8260b	107	88-110	---

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

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Report# /Lab ID#: 143914  
Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-6

**AnalySys**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/16/03	8260b	---	---	---	---	---
Benzene	42.8	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	10.5	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	1.7	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	1.87	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	3.54	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report#Lab ID#:143915	Report Date: 06/18/03
Project ID: EO-2022 SPS-11	
Sample Name: MW-7	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 08:45

**URIELS**

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-7

Report# /Lab ID#: 143915  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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INC.

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	06/16/03	8260b	---	---	---	---	---
Benzene	210	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	16.7	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	J	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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*Richard Laster*  
Richard Laster

Richard Laster

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**CHNLLY S YS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

<b>Surrogate Compound</b>	<b>Method</b>	<b>Recovery</b>	<b>Recovery Limit</b>	<b>Data Qualifiers</b>
1,2-Dichloroethane-d4	8260b	95.4	80-120	-----
Toluene-d8	8260b	107	88-110	-----

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

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Report# /Lab ID#: 143916  
Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-9

**Exceptions Report:**

Report #/Lab ID#: 143916	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO 2022 SPS-11	
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 (e.g., 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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**ANALYST**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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Respectfully Submitted,

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Richard Laster

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**CHILLIS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-10

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Report#Lab ID#: 143917  
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	108	88-110	---

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

**AnalySys**

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/16/03	8260b	J	4.9	86.3	82.3	81.9
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
Ethylbenzene	<b>1.18</b>	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	---	---	---	---

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Richard Laster

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**CHIKEYS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-11

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Report# /Lab ID#: 143918  
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	108	88-110	---

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

**Exceptions Report:**

Report #/Lab ID#: 143918 Matrix: water  
Client: Environmental Tech Group Attn: Camille Reynolds  
Project ID: EO 2022 SPS-11  
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.
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**J flag Discussion**

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

**Comments pertaining to Data Qualifiers and QC data:**

Parameter	Qualif	Comment
Benzene	J	See J flag discussion above.

Notes:

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\_\_\_\_\_

*Q* *U* *T* *E* *L* *V* *S* *Y* *E*

Client: Environmental Tech Group  
Attn: Camille Reynolds

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.7	80-120	---
Toluene-d8	8260b	105	88-110	---

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

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Report#/Lab ID#: 143919  
Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-12

Report#/Lab ID#: 143919  
Sample Matrix: water

**ANALYST**

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/17/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	<1	µg/L	1	<1	06/17/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/17/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/17/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/17/03	8260b	---	1.4	90.5	86.3	86.5

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*Richard Laster*

Richard Laster

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Report#/Lab ID#: 143920	Report Date: 06/18/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-13	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 10:00

#### QUALITY ASSURANCE DATA<sup>1</sup>

**770145**

Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.3	80-120	---
Toluene-d8	8260b	104	88-110	---

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

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Report#/Lab ID#: 143920  
Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-13

**ANALYST**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---		06/16/03	8260b	---	---	---	---	---
Benzene	3800	µg/L	100	<100	06/17/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	180	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	176	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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*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 PDS recoveries 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.

Report# / Lab ID#: 143921	Report Date: 06/18/03
Project ID: EQ 2022 SPS-1	
Sample Name: MW-14	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 10:15

**5**

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-14

Report#Lab ID#: 143921  
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	110	88-110	--

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



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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	<1	06/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/17/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	<1	µg/L	1	<1	06/17/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	<1	µg/L	1	<1	06/17/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/17/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	<1	µg/L	1	<1	06/17/03	8260b	---	1.4	90.5	86.3	86.5

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*Richard Laster*  
Richard Laster

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**CHILLYS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-15

Report# /Lab ID#: 1439722  
Sample Matrix: water

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#### **REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.1	80-120	---
Toluene-d8	8260b	109	88-110	---

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

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	06/16/03	8260b	---	---	---	---	---
Benzene	1.86	µg/L	1	<1	06/16/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	1.17	µg/L	1	<1	06/16/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	16.3	µg/L	1	<1	06/16/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	7.21	µg/L	1	<1	06/16/03	8260b	---	0.2	108.1	114.4	102.8
Toluene	6.54	µg/L	1	<1	06/16/03	8260b	---	1.4	90.5	86.3	86.5

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*Richard Laster*  
Richard Laster

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Report#/Lab ID#: 143923	Report Date: 06/18/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-16	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 10:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

**CHI**LLS

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-16

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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Report#/Lab ID#: 143923  
Sample Matrix: water

**ANALYSIS**

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

## REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/17/03	8260b	---	---	---	---	---
Benzene	2.69	µg/L	1	<1	06/17/03	8260b	---	4.9	86.3	82.3	81.9
Ethylbenzene	1.66	µg/L	1	<1	06/17/03	8260b	---	1.7	101.5	97.9	98.3
m,p-Xylenes	1.36	µg/L	1	<1	06/17/03	8260b	---	1.4	109.9	108.8	105.3
o-Xylene	<1	µg/L	1	<1	06/17/03	8260b	J	0.2	108.1	114.4	102.8
Toluene	2.81	µg/L	1	<1	06/17/03	8260b	---	1.4	90.5	86.3	86.5

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*Richard Laster*  
Richard Laster

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QUALITY ASSURANCE DATA<sup>1</sup>

*Camille Reynolds*

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-17

Report#/Lab ID#: 143924  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

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

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

**Exceptions Report:**

Report #/Lab ID#: 143924 Matrix: water  
Client: Environmental Tech Group Attn: Camille Reynolds  
Project ID: EO 2022 SPS-11  
Sample Name: MW-17

**Sample Temperature/Condition <=6°C**

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

**Sample Bottles & Preservation**

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

**J flag Discussion**

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (e.g. 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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**ANALYSTS**

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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*Richard Laster*  
Richard Laster

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**CHROMAS**

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-18

Report#/Lab ID#: 143925  
Sample Matrix: wafer

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichlorethane-d4	8260b	96.5	80-120	---
Toluene-d8	8260b	106	88-110	---

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

GRIMM'S  
SCHOOL

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

REPORT OF ANALYSIS

Parameter	Volatile organics-8260b/BTEX	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Benzene	<1	µg/L	1	<1	06/17/03	8260b	---	---	---	82.8	86.6	82.9
Ethylbenzene	<1	µg/L	1	<1	06/17/03	8260b	---	---	5.3	99.4	102	99.3
m,p-Xylenes	<1	µg/L	1	<1	06/17/03	8260b	---	---	3.2	107.5	105.1	111.6
o-Xylene	<1	µg/L	1	<1	06/17/03	8260b	---	---	5.2	105.9	105.1	108.6
Toluene	<1	µg/L	1	<1	06/17/03	8260b	---	---	4.4	83.4	93.5	84.9

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*Richard L. Atte*

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Richard Laster

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*Camille Reynolds*

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-19

Report#/Lab ID#: 143926  
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	110	88-110	---

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

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Reco <sup>v</sup> . <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	--		06/16/03	8260b	--	--	--	--	--
Benzene	<1	µg/L	1	<1	06/16/03	8260b	--	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	--	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	--	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	--	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	--	0.4	92.1	106.2	89.2

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*Richard Laster*  
 Richard Laster

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Report#/ <b>Lab ID#:</b> 143927	<b>Report Date:</b> 06/18/03
<b>Project ID:</b> EO 2022 SPS-11	
<b>Sample Name:</b> MW-20	
<b>Sample Matrix:</b> water	
<b>Date Received:</b> 06/11/2003	<b>Time:</b> 12:00
<b>Date Sampled:</b> 06/10/2003	<b>Time:</b> 11:45

**CHI LY**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-20

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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Report#/Lab ID#: 143927  
Sample Matrix: water

**ANALYSYS**

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	1.11	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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*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.

**Q77LVS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-21

Report#Lab ID#:143928

Sample Matrix: water

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

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.7	80-120	---
Toluene-d8	8260b	108	88-110	---

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

**ANALYSYS**

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Reco <sup>v</sup> <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Lester*  
Richard Lester

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**CDLVS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-22

Report# /Lab ID#: 143929  
Sample Matrix: water

#### **REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91	80-120	---
Toluene-d8	8260b	108	88-110	---

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

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**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:** Camille Reynolds  
**Address:** 2540 W. Marland Hobbs NM 88240  
**Phone:** 505 397-4882 **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**Environmental Tech Group**

Attn: Camille Reynolds

**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.

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Report#/Lab ID#: 143930  
Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-23

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	06/16/03	8260b	---	---	---	---	---
Benzene	574	µg/L	10	<10	06/17/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	2.03	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	1.52	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	J	9.3	99.6	106.1	107.7
Toluene	2.02	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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 recoveries 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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Respectfully Submitted,  
**Richard F. Laster**

Richard F. Laster

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 2209 N. Padre Island Dr., Corpus Christi, TX 78408  
 (512) 385-5386 • FAX (512) 385-7411

Report# /Lab ID#: 143931	Report Date: 06/18/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-24	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 12:45

*7/17/03 v5*

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(512) 385-5886 • FAX (512) 385-7411

Client:	Environmental Tech Group	Project ID:	EO 2022 SPS-11
Attn:	Camille Reynolds	Sample Name:	MW-24

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.7	80-120	---
Toluene-d8	8260b	105	88-110	---

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

Report# / Lab ID#:	143931
Sample Matrix:	water

**Exceptions Report:**

Report #/Lab ID#: 143931 Matrix: water  
Client: Environmental Tech Group Attn: Camille Reynolds  
Project ID: EO 2022 SPS-11  
Sample Name: MW-24

**Sample Temperature/Condition <=6°C**

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

**Sample Bottles & Preservation**

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

**J flag Discussion**

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL), is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (e.g. 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:**

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	<1	06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	J	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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*Environmental Tech Group*

Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-25

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(512) 385-5886 • FAX (512) 385-7411

Report#/Lab ID#: 143932  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.9	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#:143932	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO 2022 SPS-11	
Sample Name: MW-25	

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**ANALYST**

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<10	06/16/03	8260b	---	---	---	---	---
Benzene	8.36	µg/L	10	<10	06/17/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	1.68	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	93.6	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	38.8	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	50.5	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

Richard Laster

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Report#/ <b>Lab ID#:</b> 143933	<b>Report Date:</b> 06/18/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-26	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 13:15

**QUALITY ASSURANCE DATA<sup>1</sup>**

**CHI-TECH**

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	107	88-110	---

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

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Report#/**Lab ID#:** 143933  
**Sample Matrix:** water

**Project ID:** EO 2022 SPS-11  
**Sample Name:** MW-26

**ANALYST'S SIGNATURE**

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	J	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report Date: 06/18/03

Report# /Lab ID#: 143934

Project ID: EO 2022 SFS-11

Sample Name: MW-27

Sample Matrix: water

Date Received: 06/11/2003 Time: 12:00

Date Sampled: 06/10/2003 Time: 13:30

#### QUALITY ASSURANCE DATA<sup>1</sup>

*777-5*

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-27

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.7	80-120	---
Toluene-d8	8260b	109	88-110	---

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

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

Report#Lab ID#: 143934  
Sample Matrix: water

**Exceptions Report:**

Report #/Lab ID#: 143934	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO 2022 SPS-11	
Sample Name: MW-27	

**Sample Temperature/Condition <=6°C**

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

**Sample Bottles & Preservation**

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

**J Flag Discussion**

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

**Comments pertaining to Data Qualifiers and QC data:**

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

**Notes:**

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data	Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8266b/BTEX	---	µg/L	--		06/16/03	8260b	---	---	---	---	---	---
Benzene	1.710	µg/L	100	<100	06/17/03	8260b	---	0.8	84.3	88.9	83.1	
Ethylbenzene	4.17	µg/L	100	<100	06/17/03	8260b	---	2.8	103.9	103.3	101.9	
m,p-Xylenes	2.45	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6	
o-Xylene	66.2	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7	
Toluene	1.39	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2	

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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.

**CHROMATICS**

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-28

Report#/Lab ID#: 143935  
Sample Matrix: water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	106	88-110	---

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

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQI <sup>5</sup>	Blank	Date
Volatile organics-8260b/BTEX	---	µg/L	---	<100	06/16/03
Benzene	3000	µg/L	100	<1	06/17/03
Ethylbenzene	31	µg/L	1	<1	06/16/03
m,p-Xylenes	6.8	µg/L	1	<1	06/16/03
o-Xylene	<1	µg/L	1	<1	06/16/03
Toluene	<1	µg/L	1	<1	06/16/03

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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Report# /Lab ID#: 143936	Report Date: 06/18/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-29	
Sample Matrix: water	
Date Received: 06/11/2003	Time: 12:00
Date Sampled: 06/10/2003	Time: 14:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

	Data	Qual <sup>2</sup>	Prec. <sup>7</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>5</sup>
	8260b	---	---	84.3	88.9	83.1

**CHITTY'S**

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

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

**Project ID:** EO 2022 SPS-11  
**Sample Name:** MW-29

**Report# /Lab ID#:** 143936  
**Sample Matrix:** water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.7 106	80-120 88-110	-- --
Toluene-d8	8260b			

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

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		--		06/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/17/03	8260b	---	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/17/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/17/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/17/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/17/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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**CHILLIVS**

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.4	80-120	---
Toluene-d8	8260b	106	88-110	---

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

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

Project ID: EO 2022 SPS-11  
Sample Name: MW-30

Report#Lab ID#: 143937  
Sample Matrix: water

**ANALYSYS INC.**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		06/16/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	06/16/03	8260b	J	0.8	84.3	88.9	83.1
Ethylbenzene	<1	µg/L	1	<1	06/16/03	8260b	---	2.8	103.9	103.3	101.9
m,p-Xylenes	<1	µg/L	1	<1	06/16/03	8260b	---	1.4	112.3	107.9	107.6
o-Xylene	<1	µg/L	1	<1	06/16/03	8260b	---	9.3	99.6	106.1	107.7
Toluene	<1	µg/L	1	<1	06/16/03	8260b	---	0.4	92.1	106.2	89.2

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

Richard Laster

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

Report# /Lab ID#:	143938	Report Date:	06/18/03
Project ID:	EO 2022 SPS-11		
Sample Name:	MW-31		
Sample Matrix:	water		
Date Received:	06/11/2003	Time:	12:00
Date Sampled:	06/10/2003	Time:	14:30

**CHLOROETHANE**

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.4	80-120	---
Toluene-d8	8260b	1.07	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

Project ID: EO 2022 SPS-11  
Sample Name: MW-31

Report#/Lab ID#: 143938  
Sample Matrix: water

## Exceptions Report:

Report #/Lab ID#: 143938	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO 2022 SPS-11	
Sample Name: MW-31	

### Sample Temperature/Condition <=6°C

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

#### Sample Bottles & Preservation

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

#### J flag Discussion

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

#### Comments pertaining to Data Qualifiers and QC data:

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

#### Notes:



# WIN-ON-US'TODY

Send Report To:

Company Name Environmental Technology, Inc.

Address 2540 E. 12th Street

City Hobbs State NM Zip 88240

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

Rush Status (must be confirmed with lab mgr.): Project Name/PO#: 2022-SPS-H Sampler: Taylor Erk

WWW.ANALYSYSINC.COM

Bill to (if different):

Company Name S&H

Address \_\_\_\_\_

City \_\_\_\_\_

State TX Zip 78744

ATTN: \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

3512 Montopolis Drive, Austin, TX 78744

Phone: (512) 385-5886 Fax: (512) 385-7411

2209 N.P.I.D., Ste K, Corpus Christi, TX 78401

Phone: (361) 289-6384 Fax: (361) 289-0875

## Analyses Requested (1)

Please attach explanatory information as required

Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. #	Comments
MW-13	6-10-03	10:00	2	X		143920	
MW-14	6-10-03	10:15	2	X		143921	
MW-15	6-10-03	10:30	2	X		143922	
MW-16	6-10-03	10:45	2	X		143923	
MW-17	6-10-03	11:00	2	X		143924	
MW-18	6-10-03	11:15	2	X		143925	
MW-19	6-10-03	11:30	2	X		143926	
MW-20	6-10-03	11:45	2	X		143927	
MW-21	6-10-03	12:00	2	X		143928	
MW-22	6-10-03	12:15	2	X		143929	

(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 or on 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.

Sample Received By			
Name	Affiliation	Date	Time
<u>Millie Hernandez</u>	<u>AS/1</u>	<u>6/11/03</u>	<u>12:00</u>

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

$T = 5.5^{\circ}C$

# MAIN ORDER

[WWW.ANALYSYSINC.COM](http://WWW.ANALYSYSINC.COM)

Send Report To:

Company Name Environmental Technology, Inc.

Address 2540 E. 22nd Street

City Hobbs State N.M. Zip 88240

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

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: EO 2022 SES-U Sampler: Testin Faik

Bill to (if different):

Company Name Jeff

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

ATTN: \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

## Analyses Requested (1)

Please attach explanatory information as required

Phone: (512) 385-5886 Fax: (512) 385-7444

2209 N.P.I.D. Ste K, Corpus Christi, TX 78401

Phone: (361) 289-6384 Fax: (361) 289-0875

Analyses Requested (1)

Client Sample No.	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab ID # (Lab only)	Comments
MW-23	6-10-03	12:30	2	X		143930	
MW-24	6-10-03	12:45	2	X		143931	
MW-25	6-10-03	1:00	2	X		143932	
MW-26	6-10-03	1:15	2	X		143933	
MW-27	6-10-03	1:30	2	X		143934	
MW-28	6-10-03	1:45	2	X		143935	
MW-29	6-10-03	2:00	2	X		143936	
MW-30	6-10-03	2:15	2	X		143937	
MW-31	6-10-03	2:30	2	X		143938	

(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 formats (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 ASI's HS1 list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T = S, T C

## Sample Received By

Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
<u>Jeff</u>		<u>6-10-03</u>		<u>Melanie Humphrey</u>	<u>ASI</u>	<u>6/11/03</u>	<u>12:00</u>

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

**AnalyS****FILE**

**Client:** Environmental Tech Group  
**Attn:** Carnille Reynolds  
**Address:** 2540 W. Maryland  
 Hobbs  
**Phone:** 505 397-4882    **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. 2	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		09/10/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	<1	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Easter*  
Richard Easter

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*7/17/03*

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-2

Report# /Lab ID#: 147000

Sample Matrix: water

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

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	105	88-110	---

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

**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:** Camille Reynolds  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	...	µg/L	...	<1	09/10/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	<1	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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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 PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

*Surrogate Recovery*

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.4	80-120	---
Toluene-d8	8260b	106	88-110	---

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

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

Project ID: EO 2022 SPS-11  
Sample Name: MW-3

Report#Lab ID#: 147001  
Sample Matrix: water

ANALYSIS

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	...		---		09/10/03	8260b	---	---	---	---	---
Benzene	3.65	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	1.82	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	J	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Lester*

Richard Lester

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group		Project ID: EO 2022 SPS-11		Report#/Lab ID#: 147002	
Attn: Camille Reynolds		Sample Name: MW-4		Sample Matrix: water	
<b>REPORT OF SURROGATE RECOVERY</b>					
Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers	
1,1-Dichloroethane-d4	8260b	97.5	80-120	---	---
Toluene-d8	8260b	106	88-110	---	---

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

Page#: 2 Report Date: 09/16/03

## Exceptions Report:

Report #/Lab ID#: 147002	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO 2022 SPS-11		

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**AnalySys**  
ANALYTICAL SERVICES

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	09/10/03	8260b	---	---	---	---	---
Benzene	1.39	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	<1	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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*GRTECH* S.Y.S.

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Client:	Environmental Tech Group	Project ID:	EO 2022 SPS-11
Attn:	Camille Reynolds	Sample Name:	MW-6

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	80-120	---
Toluene-d8	8260b	106	88-110	---

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

Report#Lab ID#: 147003  
Sample Matrix: water

**ANALYSYS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. 2 <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---		09/10/03	8260b	---	---	---	---	---
Benzene	85.2	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	42.9	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	8.49	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	3.36	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	10.2	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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 (512) 385-5886 • FAX (512) 385-7411

Report#Lab ID#: 147/004	Report Date: 09/16/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-7	
Sample Matrix: water	
Date Received: 09/09/2003	Time: 15:45
Date Sampled: 09/03/2003	Time: 11:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

*7777LPS*

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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 2022 SPS-11
Attn:	Camille Reynolds	Sample Name:	MW-7

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.2	80-120	---
Toluene-d8	8260b	106	88-110	---

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

**Analyst**

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	...	...	...	...	09/10/03	8260b(5030/5035)	---	---	---	---	---
Benzene	4.89	µg/L	10	<10	09/12/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	56	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	2.85	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Richard Laster

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QV7LPS

Client: Environmental Tech Group Attn: Camille Reynolds		Project ID: EO 2022 SPS-11 Sample Name: MW-9	Report# / Lab ID#: 147005 Sample Matrix: water	
<b>REPORT OF SURROGATE RECOVERY</b>				
Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	80-120	---
Toluene-d8	8260b	106	88-110	---

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

07/17/05

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	09/10/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/10/03	8260b	J	1.5	91.9	88.9	89.4
Ethylbenzene	<1	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Lester*

Richard Lester

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Report#/Lab ID#: 147006	Report Date: 09/16/03
Project ID: EO 2022 SPS-11	
Sample Name: MW-10	
Sample Matrix: water	
Date Received: 09/09/2003	Time: 15:45
Date Sampled: 09/03/2003	Time: 11:30

**Environmental Services**

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

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

<b>Surrogate Compound</b>	<b>Method</b>	<b>Recovery</b>	<b>Recovery Limit</b>	<b>Data Qualifiers</b>
1,2-Dichloroethane-d4	8260b	95.6	80-120	---
Toluene-d8	8260b	108	88-110	---

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

**Project ID:** EO 2022 SPS-11  
**Sample Name:** MW-10

**Report#/Lab ID#:** 147006  
**Sample Matrix:** water

## Exceptions Report:

Report #/Lab ID#: 147006	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO 2022 SPS-11	
Sample Name: MW-10	

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is  $\leq 6^{\circ}\text{C}$ . 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-TIRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**ANALYSYS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/10/03	8260b	---	---	---	---	---
Benzene	1.21	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	3.19	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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*GLULY'S*

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 2022 SPS-11
Attn: Camille Reynolds	Sample Name: MW-11

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	105	88-110	---

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

Report# /Lab ID#: 147007
Sample Matrix: water

**ANALYTICAL REPORT**

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/10/03	8260b	---	---	---	---	---
Benzene	91.3	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	17.7	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	29	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	5.81	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	7.16	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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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.

7/14/03

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-12

Report#Lab ID#: 147008  
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	105	88-110	---

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

01/11/03 5

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: Carnille Reynolds  
Address: 2540 W. Maryland  
Hobbs  
Phone: 505 397-4882 FAX: 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	09/10/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/10/03	8260b	J	1.5	91.9	88.9	89.4
Ethylbenzene	<1	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**77-15**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-13

Report#Lab ID#: 147009  
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	106	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 147009	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO 2022 SPS-11		

Sample Name: MW-13

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

0117L4545

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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: Carnille Reynolds  
Address: 2540 W. Maryland  
Hobbs  
NM 88240  
Phone: 505 397-4882 FAX: 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	...		...		09/10/03	8260b(5030/5035)	...	...	...	...	...
Benzene	26.20	$\mu\text{g/L}$	100	<100	09/12/03	8260b	...	1.5	91.9	88.9	89.4
Ethylbenzene	11.3	$\mu\text{g/L}$	1	<1	09/10/03	8260b	...	3.7	104.6	105	105
m,p-Xylenes	50.7	$\mu\text{g/L}$	1	<1	09/10/03	8260b	...	3.4	104.9	104	106.2
o-Xylene	<1	$\mu\text{g/L}$	1	<1	09/10/03	8260b	...	6	104.7	101	104.3
Toluene	<1	$\mu\text{g/L}$	1	<1	09/10/03	8260b	...	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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*5*

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

Report#Lab ID#: 14/010  
Sample Matrix: water

Project ID: EO 2022 SPS-11  
Sample Name: MW-14

#### REPORT OF SURROGATE RECOVERY

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

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

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		09/12/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/12/03	8260b	J	1.5	91.9	88.9	89.4
Ethylbenzene	<1	µg/L	1	<1	09/12/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	<1	µg/L	1	<1	09/12/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	<1	µg/L	1	<1	09/12/03	8260b	---	6	104.7	101	104.3
Toluene	<1	µg/L	1	<1	09/12/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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

Report#Lab ID#: 147011 Report Date: 09/16/03

Project ID: EO 2022 SPS-11

Sample Name: MW-15

Sample Matrix: water

Date Received: 09/09/2003 Time: 15:45

Date Sampled: 09/03/2003 Time: 12:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

**0777475**

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-15

Report#Lab ID#: 147011  
Sample Matrix: water

### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.2	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#: 147011	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO 2022 SPS-11		

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

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

### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

**0117L75**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/10/03	8260b	---	---	---	---	---
Benzene	2.59	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	1.09	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	3.3.5	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
o-Xylene	1.2	µg/L	1	<1	09/10/03	8260b	---	6	104.7	101	104.3
Toluene	64.5	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**Environmental Tech Group**

Attn: Camille Reynolds  
Client: Environmental Tech Group  
Attn:

Project ID: EO 2022 SPS-11  
Sample Name: MW-16

Report#/Lab ID#: 147012  
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	106	88-110	---

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

**ANALYSTS**

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/10/03	8260b	---	---	---	---	---
Benzene	7.75	µg/L	1	<1	09/10/03	8260b	---	1.5	91.9	88.9	89.4
Ethylbenzene	2.68	µg/L	1	<1	09/10/03	8260b	---	3.7	104.6	105	105
m,p-Xylenes	2.1	µg/L	1	<1	09/10/03	8260b	---	3.4	104.9	104	106.2
O-Xylene	<1	µg/L	1	<1	09/10/03	8260b	J	6	104.7	101	104.3
Toluene	3.61	µg/L	1	<1	09/10/03	8260b	---	0	102	97.9	100.1

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**7/17/03**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-17

Report#/Lab ID#: 147013  
Sample Matrix: water

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

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	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#: 147013	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO 2022 SPS-11	
Sample Name: MW-17	

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is  $\leq 6^{\circ}\text{C}$ . 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
o-Xylene	J	See J-flag discussion above.

### Notes:

**AnalySys**

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds  
**Address:** 2540 W. Maryland  
 Robbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/11/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/11/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
O-Xylene	<1	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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**777777777777777777**

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

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

**Project ID:** EO 2022 SPS-11  
**Sample Name:** MW-18

**REPORT OF SURROGATE RECOVERY**

<b>Surrogate Compound</b>	<b>Method</b>	<b>Recovery</b>	<b>Recovery Limit</b>	<b>Data Qualifiers</b>
1,2-Dichloroethane-d4	8260b	96.2	80-120	---
Toluene-d8	8260b	106	88-110	---

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

**Report#/Lab ID#:** 147014  
**Sample Matrix:** water

**ANALYSYS**

**Client:** Environmental Tech Group  
**Attn:** Carrille Reynolds  
**Address:** 2540 W. Maryland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	09/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/11/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/11/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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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 1 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 recoveries 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.

7/11/03

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

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

**Project ID:** EO 2022 SPS-11  
**Sample Name:** MW-19

**Report#Lab ID#:** 147015  
**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	109	88-110	---

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

7/17/03

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(512) 385-5886 • FAX (512) 385-7411

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/11/03	8260b	J	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/11/03	8260b	J	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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GLL 545

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	Project ID: EO 2022 SPS-11
Attn: Camille Reynolds	Sample Name: MW-20

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	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#: 147016	Matrix: water
Client: Environmental Tech Group	
Project ID: EO 2022 SPS-11	
Sample Name: MW-20	

### Sample Temperature/Condition <=6°C

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

### Notes:

**ANALYTICAL REPORT**

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/11/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/11/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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*Richard Laster*  
Richard Laster

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**077475**

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(512) 385-5886 • FAX (512) 385-7411

Client:	Environmental Tech Group	Project ID:	EO 2022 SPS-11
Attn:	Carmille Reynolds	Sample Name:	MW-21

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.4	80-120	---
Toluene-d8	8260b	107	88-110	---

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

Report#7Lab ID#: 147017  
Sample Matrix: water

*Richard Laster*

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/13/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/13/03	8260b	J	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/13/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/13/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/13/03	8260b	---	5.2	101.8	100.6	97.7

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*Richard Laster*

Richard Laster

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*7/17/03*

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Report#/Lab ID#: 147018  
Sample Matrix: water

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-22

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.8	80-120	---
Toluene-d8	8260b	102	88-110	---

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

**Exceptions Report:**

Report #/Lab ID#:147018	Matrix: water	
Client: Environmental Tech Group		Attn: Camille Reynolds
Project ID: EO 2022 SPS-11		
Sample Name: MW-22		

**Sample Temperature/Condition  $\leq 6^{\circ}\text{C}$** 

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

**Sample Bottles & Preservation**

- Sample received in appropriate container(s) and appear to be appropriately preserved.
- Sample received in appropriate container(s). State of sample preservation unknown.
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**J flag Discussion**

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**Comments pertaining to Data Qualifiers and QC data:**

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

**Notes:**

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\_\_\_\_\_

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\_\_\_\_\_

**ANALYSIS**

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	09/13/03	8260b(5030/5035)	---	---	---	---	---
Benzene	4.91	µg/L	1	<1	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/13/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/13/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/13/03	8260b	---	5.2	101.8	100.6	97.7

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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*77LPS*

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(512) 385-5886 • FAX (512) 385-7411

Client:	Environmental Tech Group	Project ID: EO 2022 SPS-11
Attn:	Camille Reynolds	Sample Name: MW-23

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.8	80-120	---
Toluene-d8	8260b	102	88-110	---

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

**47715**

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**REPORT OF ANALYSIS**

Client: Environmental Tech Group  
 Attn: Carnille Reynolds  
 Address: 2540 W. Maryland  
 Hobbs  
 Phone: 505 397-4882 FAX: 505 397-4701

Report#	Lab ID#:	147020	Report Date:	09/16/03
Project ID:	EO	2022 SPS-11		
Sample Name:	MW-24			
Sample Matrix:	water			
Date Received:	09/09/2003	Time:	15:45	
Date Sampled:	09/03/2003	Time:	15:00	

#### QUALITY ASSURANCE DATA<sup>1</sup>

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		09/11/03	8260b(5030/5035)	---	---	---	---	---
Benzene	3.48	µg/L	10	<10	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	3.85	µg/L	1	<1	09/11/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	2.85	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	1.21	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	4.24	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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*Richard Laster*

Richard Laster

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**REPORT OF SURROGATE RECOVERY**

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-24

Report#/Lab ID#: 147020  
Sample Matrix: water

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Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.1	80-120	---
Toluene-d8	8260b	106	88-110	---

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

**ANALYSYS**

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. 2	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	09/13/03	8260b(5030/5035)	---	---	---	---	---
Benzene	2.6 <sup>3</sup>	µg/L	1	<1	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/13/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/13/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/13/03	8260b	---	5.2	101.8	100.6	97.7

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Respectfully Submitted,

*Richard Laster*  
Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

Report#/Lab ID#: 147021

Project ID: EO 2022 SPS-11

Sample Name: MW-25

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.4	80-120	---
Toluene-d8	8260b	102	88-110	---

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

**ANALYSYS**

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

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260bb/BTEX	---		---		09/13/03	8260b(5030/5035)	---	---	---	---	---
Benzene	776	µg/L	10	<10	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	229	µg/L	10	<10	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	111	µg/L	10	<10	09/13/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	45.2	µg/L	10	<10	09/13/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	47.7	µg/L	10	<10	09/13/03	8260b	---	5.2	101.8	100.6	97.7

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Respectfully Submitted,

*Richard Laster*  
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 = analytic potentially present between the PQL and the MDL. B = Analytic 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.

Report#/(Lab ID#: 1470922      Report Date: 09/16/03

Project ID: EO 2022 SPS-11

Sample Name: MW-26

Sample Matrix: water

Date Received: 09/09/2003      Time: 15:45

Date Sampled: 09/03/2003      Time: 15:30

**QUALITY ASSURANCE DATA<sup>1</sup>**

*7/17/95*

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-26

Report#/Lab ID#: 147022  
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	105	88-110	---

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

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**ANALYSIS**

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	...		...		09/13/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/13/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/13/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/13/03	8260b	---	5.2	101.8	100.6	97.7

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*Richard Laster*

Richard Laster

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Report#Lab ID#: 147023 Report Date: 09/16/03

Project ID: EO 2022 SPS-11

Sample Name: MW-27

Sample Matrix: water

Date Received: 09/09/2003 Time: 15:45

Date Sampled: 09/03/2003 Time: 15:45

#### QUALITY ASSURANCE DATA<sup>1</sup>

**7/17/03**

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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 2022 SPS-11
Attn:	Camille Reynolds	Sample Name:	MW-27

#### REPORT OF SURROGATE RECOVERY

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

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

Report#	Lab ID#
147023	147023

Sample Matrix: water

**ANALYSYS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	---	09/11/03	8260b(5030/5035)	---	---	---	---	---
Benzene	18.30	µg/L	100	<100	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	4.69	µg/L	100	<100	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	2.16	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	4.7	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	1.29	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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Respectfully Submitted,

*Richard Laster*

Richard Laster

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Report#Lab ID#: 147024      Report Date: 09/16/03

Project ID: EO 2022 SPS-1.1

Sample Name: MW-28

Sample Matrix: water

Date Received: 09/09/2003      Time: 15:45

Date Sampled: 09/03/2003      Time: 16:00

**QUALITY ASSURANCE DATA<sup>1</sup>**

**5**

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

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SFS-11  
Sample Name: MW-28

Report#Lab ID#: 147024  
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	106	88-110	---

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

**ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	...		...		09/11/03	8260b	---	---	---	---	---
Benzene	2.880	µg/L	100	<100	09/11/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	39.1	µg/L	1	<1	09/11/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	5.19	µg/L	1	<1	09/11/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/11/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/11/03	8260b	---	5.2	101.8	100.6	97.7

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*Richard Laster*  
Richard Laster

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Report#Lab ID#: 147025      Report Date: 09/16/03

Project ID: EO 2022 SPS-11

Sample Name: MW-29

Sample Matrix: water

Date Received: 09/09/2003

Date Sampled: 09/03/2003

Time: 15:45

Time: 16:15

**QUALITY ASSURANCE DATA<sup>1</sup>**

*5*

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO 2022 SPS-11  
Sample Name: MW-29

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.5	80-120	---
Toluene-d8	8260b	106	88-110	---

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

Report#Lab ID#: 147025  
Sample Matrix: water

777-145

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		09/13/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/13/03	8260b	---	7.6	91.2	87.4	85.6
Ethylbenzene	<1	µg/L	1	<1	09/13/03	8260b	---	1.1	105.2	106.2	103.2
m,p-Xylenes	<1	µg/L	1	<1	09/13/03	8260b	---	0.8	105.8	106.5	104.8
o-Xylene	<1	µg/L	1	<1	09/13/03	8260b	---	2.1	105.1	105.8	103.6
Toluene	<1	µg/L	1	<1	09/13/03	8260b	---	5.2	101.8	100.6	97.7

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*Richard Laster*  
Richard Laster

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**7/14/03**

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

Project ID: EO 2022 SPS-11  
Sample Name: MW-30

Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.2	80-120	---
Toluene-d8	8260b	105	88-110	---

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

*Richard Laster*

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

**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Maryland
	Hobbs
<b>Phone:</b>	505 397-4882
	FAX: 505 397-4701

Report#/Lab ID#:	147027	Report Date:	09/16/03
Project ID:	EO 2022 SPS-11		
Sample Name:	MW-31		
Sample Matrix:	water		
Date Received:	09/09/2003	Time:	15:45
Date Sampled:	09/03/2003	Time:	16:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		09/12/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/12/03	8260b	---	2.3	81.1	90	89.3
Ethylbenzene	<1	µg/L	1	<1	09/12/03	8260b	---	0.9	103.5	107.5	109.1
m,p-Xylenes	<1	µg/L	1	<1	09/12/03	8260b	---	0.5	104.9	108.6	111.1
o-Xylene	<1	µg/L	1	<1	09/12/03	8260b	---	1	105	106.3	109.5
Toluene	<1	µg/L	1	<1	09/12/03	8260b	---	1.5	92.3	98.5	99.3

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**5**

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2209 N. Padre Island Dr., Corpus Christi, TX 78408  
(512) 385-3886 • FAX (512) 385-7411

Client:	Environmental Tech Group	Project ID: EO 2022 SPS-11
Attn:	Camille Reynolds	Sample Name: MW-31

#### 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	---

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

# CHAIN-OF-CUSTODY

## Lead Reports To:

Company Name Environmental Technology Group

Address 2540 W. Market

City Holab

State TX

Zip 78240

Phone (512) 391-4912

Fax (512) 391-4701

Push Status (must be confirmed with lab mgr.):

Project Name/PO# EO 2002 SPS-11

Sampler: Justin Fink

[WWW.ANALYSYSINC.COM](http://WWW.ANALYSYSINC.COM)

## Bill to (if different):

Company Name East

Address  

City  

State  

Zip  

Phone  

Fax  

3512 Montopolis Drive, Austin, TX 78744  
Phone: (512) 385-5886 Fax: (512) 385-7411  
2219 N.P.I.D., Ste K, Corpus Christi, TX 78408  
Phone: (361) 289-6384 Fax: (361) 289-0875

## 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 only)	Comments
MW-2	9-3-03	10:00	2	X	147000	X
MW-3	9-3-03	10:15	2	X	147001	X
MW-4	9-3-03	10:30	2	X	147002	X
MW-6	9-3-03	10:45	2	X	147003	X
MW-7	9-3-03	11:00	2	X	147004	X
MW-9	9-3-03	11:15	2	X	147005	X
MW-10	9-3-03	11:30	2	X	147006	X
MW-11	9-3-03	11:45	2	X	147007	X
MW-12	9-3-03	12:00	2	X	147008	X
MW-13	9-3-03	12:15	2	X	147009	X

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 nominal reporting lists (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
<u>East</u>	<u>East</u>	<u>9-3-03</u>	<u>12:00</u>	<u>East</u>	<u>ASL</u>	<u>9-3-03</u>	<u>15:45</u>

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



# FILE

5  
11  
11  
**REPORT OF ANALYSIS**

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

## Parameter

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics 8260b/BTEX	---	µg/L	---	<1	12/12/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/12/03	8260b	---	3.2	100	101.8	104.4
Ethylbenzene	<1	µg/L	1	<1	12/12/03	8260b	---	1.7	107.2	112.2	110.1
m,p-Xylenes	<2	µg/L	2	<2	12/12/03	8260b	---	2.5	102.3	107	104.1
o-Xylene	<1	µg/L	1	<1	12/12/03	8260b	---	1.7	115.3	111.6	118.3
Toluene	<1	µg/L	1	<1	12/12/03	8260b	---	6.9	104.7	108.9	109.1

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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 recoveries 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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Report#/Lab ID#: 150584  
Sample Matrix: water

Client: Environmental Tech Group  
Attn: Camille Reynolds  
Project ID: EO2022 SPS-11  
Sample Name: MW-2

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.7	80-120	---
Toluene-d8	8260b	103	88-110	---

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---	<1	12/12/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.45	µg/L	1	<1	12/12/03	8260b	---	3.2	100	101.8	104.4
Ethylbenzene	1.51	µg/L	1	<1	12/12/03	8260b	---	1.7	107.2	112.2	110.1
m,p-Xylenes	<2	µg/L	2	<2	12/12/03	8260b	---	2.5	102.3	107	104.1
o-Xylene	<1	µg/L	1	<1	12/12/03	8260b	---	1.7	115.3	111.6	118.3
Toluene	<1	µg/L	1	<1	12/12/03	8260b	---	6.9	104.7	108.9	109.1

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Client: Environmental Tech Group	Project ID: EO2022 SPS-11
Attn: Camille Reynolds	Sample Name: MW-3
Report#/Lab ID#: 150585	
Sample Matrix: water	

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.4	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:** Camille Reynolds  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/12/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.0 <sup>3</sup>	µg/L	1	<1	12/12/03	8260b	---	3.2	100	101.8	104.4
Ethylbenzene	1.7	µg/L	1	<1	12/12/03	8260b	---	1.7	107.2	112.2	110.1
m,p-Xylenes	<2	µg/L	2	<2	12/12/03	8260b	---	2.5	102.3	107	104.1
o-Xylene	<1	µg/L	1	<1	12/12/03	8260b	---	1.7	115.3	111.6	118.3
Toluene	<1	µg/L	1	<1	12/12/03	8260b	J	6.9	104.7	108.9	109.1

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-4

Report#/Lab ID#: 150586  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.8	80-120	---
Toluene-d8	8260b	104	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 150586	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO2022 SPS-11		

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
Toluene	J	See J-flag discussion above.

Notes:

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Report# /Lab ID#: 150587	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-6	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 10:15

#### QUALITY ASSURANCE DATA<sup>1</sup>

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/15/03	8260b	J	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	J	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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 analytic 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.

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/15/03	8260b	J	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	J	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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Client:	Environmental Tech Group	Project ID:	EO2022 SPS-11	Report#Lab ID#:	50587
Attn:	Canille Reynolds	Sample Name:	MW-6	Sample Matrix:	water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.6	80-120	---
Toluene-d8	8260b	102	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 150587	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO2022 SPS-11		
Sample Name: MW-6		

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

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

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### J Flag Discussion

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### Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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Report# / Lab ID#: 150588	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-7	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 10:30

#### QUALITY ASSURANCE DATA<sup>1</sup>

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	12/15/03	8260b(5030/5035)	---	---	---	---	---	---
Benzene	1.41	µg/L	1	<1	12/15/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	9.12	µg/L	1	<1	12/15/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	5.35	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	1.41	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	3.14	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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.

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	12/15/03	8260b(5030/5035)	---	---	---	---	---	---
Benzene	1.41	µg/L	1	<1	12/15/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	9.12	µg/L	1	<1	12/15/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	5.35	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	1.41	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	3.14	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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Client:	Environmental Tech Group	Project ID:	EO2022 SPS-11
Attn:	Camille Reynolds	Sample Name:	MW-7

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.1	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Report#/Lab ID#: 150588  
Sample Matrix: water

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**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Maryland
<b>Hobbs</b>	NM 88240
<b>Phone:</b>	505 397-4882
<b>FAX:</b>	505 397-4701

Report#/Lab ID#: 150589	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-9	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 10:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<10	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.7	µg/L	10	<1	12/15/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	1.7	µg/L	1	<1	12/15/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	8.4	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	2.37	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	3.43	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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Respectfully Submitted,

Richard Elton

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-9

Report#Lab ID#: 150589  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.8	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) 382-5886 • FAX (512) 385-7411

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/15/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-10

Report#/Lab ID#: 150590  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.8	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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Report#	Lab ID#:150591	Report Date:	12/16/03
Project ID:	EO2022 SPS-11		
Sample Name:	MW-11		
Sample Matrix:	water		
Date Received:	12/09/2003	Time:	15:00
Date Sampled:	12/08/2003	Time:	11:15

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	<1	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/15/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.5	115.9	105.8	102.6

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Respectfully Submitted,

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Client:	Environmental Tech Group	Project ID: EO2022 SPS-11	Report#/Lab ID#: 150591
Attn:	Camille Reynolds	Sample Name: MW-11	Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.4	80-120	---
Toluene-d8	8260b	104	88-110	---

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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Client:	Environmental Tech Group	Project ID:	EO2022 SPS-11
Attn:	Carille Reynolds	Sample Name:	MW-12

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.4	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:** Camille Reynolds  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQI <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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Client:	Environmental Tech Group	Project ID: EO2022 SPS-11
Attn:	Camille Reynolds	Sample Name: MW-13

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.5	80-120	---
Toluene-d8	8260b	105	88-110	---

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

Report# /Lab ID#: 150593  
Sample Matrix: water

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**REPORT OF ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	µg/L	---	12/16/03	8260b(5030/5035)	---	---	---	---	---	---
Benzene	0.1	µg/L	10	<10	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	0.04	µg/L	10	<10	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	0.44	µg/L	20	<20	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	4.74	µg/L	10	<10	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	5.72	µg/L	10	<10	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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Client: Environmental Tech Group  
Attn: Camille Reynolds

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.7	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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Project ID: EO2022 SPS-11  
Sample Name: MW-14  
Report#/Lab ID#: 150594  
Sample Matrix: water

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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Client:	Environmental Tech Group	Project ID:	EO2022 SPS-1
Attn:	Camille Reynolds	Sample Name:	MW-15

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.5	80-120	---
Toluene-d8	8260b	96.1	88-110	---

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

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**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Maryland
	NM 88240
<b>Phone:</b>	505 397-4882
	FAX: 505 397-4701

Report#/ <b>Lab ID#:</b> 150596	Report Date: 12/16/03
Project ID: EO2022-SPS-11	
Sample Name: MW-16	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 12:30

QUALITY ASSURANCE DATA <sup>1</sup>						
Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>
Volatile organics-8260b/BTEX	--	---			12/16/03	8260b(5030/5035)
Benzene	1.7	µg/L	1	<1	12/16/03	8260b
Ethylbenzene	8.59	µg/L	1	<1	12/16/03	8260b
m,p-Xylenes	2.26	µg/L	2	<2	12/16/03	8260b
o-Xylene	1.49	µg/L	1	<1	12/16/03	8260b
Toluene	2.81	µg/L	1	<1	12/16/03	8260b

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Richard Ellton

<sup>1</sup>. Quality assurance data is for the sample batch which included this sample. <sup>2</sup>. Precision (PReC) is the absolute value of the relative percent (%) difference between duplicate measurements. <sup>3</sup>. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. <sup>4</sup>. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. <sup>5</sup>. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. <sup>6</sup>. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nonlimit quantitation limits adjusted for any required dilutions. <sup>7</sup>. Data Qualifiers are I = 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	Project ID:	EO2022 SPS-11
Attn:	Camille Reynolds	Sample Name:	MW-16

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.1	80-120	---
Toluene-d8	8260b	107	88-110	---

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

Report#Lab ID#: 150596  
Sample Matrix: water



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Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: EO2022 SPS-11 Sample Name: MW-17	Report#Lab ID#: 150597 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	104	88-110	---

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

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**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Marland
	NM
<b>Phone:</b>	505 397-4882
	FAX: 505 397-4701

<b>Report#/Lab ID#:</b>	150598
<b>Project ID:</b>	EO2022 SPS-11
<b>Sample Name:</b>	MW-18
<b>Sample Matrix:</b>	water
<b>Date Received:</b>	12/09/2003
<b>Date Sampled:</b>	12/08/2003
<b>Time:</b>	15:00
	Time: 13:00

<b>Parameter</b>	<b>Result</b>	<b>Units</b>	<b>RQL<sup>5</sup></b>	<b>Blank</b>	<b>Date</b>	<b>Method<sup>6</sup></b>	<b>QUALITY ASSURANCE DATA<sup>1</sup></b>				
							<b>Data Qual<sup>7</sup></b>	<b>Prec.<sup>2</sup></b>	<b>Recov.<sup>3</sup></b>	<b>CCV<sup>4</sup></b>	<b>LCS<sup>4</sup></b>
Volatile organics-8260b/BTEX	---	---	---	---	12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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 I = 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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Respectfully Submitted,

  
Richard Elton

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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: EO2022 SPS-11	Report#Lab ID#: 150598
Attn:	Camille Reynolds	Sample Name: MW-18	Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.3	80-120	---
Toluene-d8	8260b	106	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: Camille Reynolds  
 Address: 2540 W. Marland  
 Hobbs NM 88240  
 Phone: 505 397-4882 FAX: 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/16/03	8260b(50.30/50.35)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-19

Report#Lab ID#: 150599

Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.1	80-120	---
Toluene-d8	8260b	104	88-110	---

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

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**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Maryland
	NM 88240
<b>Phone:</b>	505 397-4882
	FAX: 505 397-4701

Report#/Lab ID#:	150600	Report Date:	12/16/03
Project ID:	EO2022 SPS-11		
Sample Name:	MW-20		
Sample Matrix:	water		
Date Received:	12/09/2003	Time:	15:00
Date Sampled:	12/08/2003	Time:	13:30

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	QUALITY ASSURANCE DATA <sup>1</sup>					
						Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	0.2	110	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PRC) 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<sub>J</sub>), 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 MIDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recoveries 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.

  
Richard Elton

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-20

Report# / Lab ID#: 150600

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.7	80-120	---
Tothiene-d8	8260b	106	88-110	---

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

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**REPORT OF ANALYSIS**

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

Report#/Lab ID#: 150601	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-21	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 13:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---		---		12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	J	2.2	108.8	103.8	96.1
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	J	0.2	1.10	105.9	107
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	2	105.8	101.3	101.5
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	7.6	111.2	117	116.9
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.5	115.9	105.8	102.6

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, M =Matrix interference.

*Richard Elton*  
 Richard Elton

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Client: Environmental Tech Group	Project ID: EO2022 SPS-11
Attn: Camille Reynolds	Sample Name: MW-21

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.2	80-120	---
Toluene-d8	8260b	105	88-110	---

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

## Exceptions Report:

Report #/Lab ID#: 150601	Matrix: water
Client: Environmental Tech Group	Attn: Camille Reynolds
Project ID: EO2022 SPS-11	
Sample Name: MW-21	

### Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

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

### Sample Bottles & Preservation

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

### J flag Discussion

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

### Comments pertaining to Data Qualifiers and QC data:

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

### Notes:

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<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Marland Hobbs
<b>Phone:</b>	505 397-4882
<b>FAX:</b>	505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030)/5035	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/15/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PRCC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analytic 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 PDS recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Report# /Lab ID#: 150602	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-22	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 14:00

#### QUALITY ASSURANCE DATA<sup>1</sup>

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

Client:	Environmental Tech Group
Attn:	Camille Reynolds
Project ID: EO2022 SPS-11	
Sample Name: MW-22	

Report#/Lab ID#:	150602
Sample Matrix:	water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	80-120	----
Toluene-d8	8260b	103.7	88-110	----

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

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**REPORT OF ANALYSIS**

<b>Client:</b>	Environmental Tech Group
<b>Attn:</b>	Camille Reynolds
<b>Address:</b>	2540 W. Maryland
<b>Phone:</b>	505 397-4882 <b>FAX:</b> 505 397-4701
<b>NM</b>	88240

Report#/ <b>Lab ID#:</b> 1.50603	<b>Report Date:</b> 12/16/03
<b>Project ID:</b> EO2022 SPS-11	
<b>Sample Name:</b> MW-23	
<b>Sample Matrix:</b> water	
<b>Date Received:</b> 12/09/2003	<b>Time:</b> 15:00
<b>Date Sampled:</b> 12/08/2003	<b>Time:</b> 14:30

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/15/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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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 analytic 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 (RQI), 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	Project ID: EO2022 SPS-11	Report#Lab ID#: 150603
Attn:	Camille Reynolds	Sample Name: MW-23	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	104.8	88-110	---

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

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Report#/ <u>Lab ID#</u> : 150604	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-24	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 15:00

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL, <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	7.41	µg/L	50	<50	12/15/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	10.5	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	5.36	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	1.45	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	6.4	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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 Richard Elton

I. 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 =MS and/or MSD recovery exceed advisory limits. S1 =MS and/or MSD recovery spike (PDS) associated method blank(s). S2 =Post digestion spike (PDS) recovery exceeds advisory limit. M =Matrix interference. N =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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Report#/Lab ID#: 150K04  
Sample Matrix: water

Project ID: EO2022 STS-11  
Sample Name: MW-24

Client: Environmental Tech Group  
Attn: Camille Reynolds

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	80-120	---
Toluene-d8	8260b	104.1	88-110	---

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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Respectfully Submitted,

  
 Richard Ellton

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.

Report#/Lab ID#: 150605	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-25	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 15:30

#### QUALITY ASSURANCE DATA<sup>1</sup>

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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: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-25

Report#/Lab ID#: 150605  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.2	80-120	---
Toluene-d8	8260b	104	88-110	---

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

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

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	117.1	µg/L	50	<50	12/16/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	3.49	µg/L	50	<50	12/16/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	79.2	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	42.9	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	4.5	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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Richard Elton

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Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-26

Report#Lab ID#: 150606  
Sample Matrix: water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.5	80-120	---
Toluene-d8	8260b	103.3	88-110	---

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

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**REPORT OF ANALYSIS**

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

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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Respectfully Submitted,

  
 Richard Elton

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Report#/Lab ID#: 150607	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-27	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 16:15

**75**

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Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: EO2022 SPS-11 Sample Name: MW-27	Report#Lab ID#: 150607 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	103.7	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:** Camille Reynolds  
**Address:** 2540 W. Marland  
 Hobbs  
**Phone:** 505 397-4882      **FAX:** 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.134 <sup>B</sup>	µg/L	50	<50	12/16/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	5.35	µg/L	50	<50	12/16/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	26.4	µg/L	100	<100	12/16/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	29.4	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	1.07	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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Respectfully Submitted,

  
 Richard Elton

**REPORT#1/Lab ID#: 150608      Report Date: 12/16/03**  
**Project ID: EO2022/SPS-11**  
**Sample Name: MW-28**  
**Sample Matrix: water**  
**Date Received: 12/09/2003      Time: 15:00**  
**Date Sampled: 12/08/2003      Time: 16:30**

**QUALITY ASSURANCE DATA<sup>1</sup>**

	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
	8260b(5030/5035)	---	---	---	---	---
	8260b	---	3.8	90.2	93.7	94.3
	8260b	---	5.9	94.5	103.8	99.5
	8260b	---	5.9	92.2	100.1	97.3
	8260b	---	6.1	91.3	99.1	97.1
	8260b	---	6.4	81.5	88.8	86.3

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

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**Client:** Environmental Tech Group  
**Attn:** Camille Reynolds

**Project ID:** EO2022 SPS-11  
**Sample Name:** MW-28

**Report# / Lab ID#:** 150608  
**Sample Matrix:** water

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.6	80-120	---
Toluene-d8	8260b	105	88-110	---

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

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**5**  
**REPORT OF ANALYSIS**

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

Report# /Lab ID#: 150609	Report Date: 12/16/03
Project ID: EO2022 SPS-11	
Sample Name: MW-29	
Sample Matrix: water	
Date Received: 12/09/2003	Time: 15:00
Date Sampled: 12/08/2003	Time: 16:45

**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual <sup>7</sup>	Prec. 2 <sup>4</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.5 <sup>a</sup>	µg/L	50	<50	12/16/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	15.2	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	34.7	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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

Report#Lab ID#: 150609  
Sample Matrix: water

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-29

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.1	80-120	---
Toluene-d8	8260b	104.1	88-110	---

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

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**REPORT OF ANALYSIS**

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

**REPORT OF ANALYSIS**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method 6	Data Qual 7	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	<1	12/15/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	---	3.8	90.2	93.7	94.3
Ethylbenzene	<1	µg/L	1	<1	12/15/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	12/15/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/15/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/15/03	8260b	---	6.4	81.5	88.8	86.3

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Richard Ellon

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**5**

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(512) 385-5886 • FAX (512) 385-7411

Project ID: EO2022 SPS-11  
Sample Name: MW-30

Report#/Lab ID#: 150610  
Sample Matrix: water

Client: Environmental Tech Group  
Attn: Camille Reynolds

#### REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.5	80-120	---
Toluene-d8	8260b	104	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: Camille Reynolds  
 Address: 2540 W. Maryland  
 Hobbs NM 88240  
 Phone: 505 397-4882 FAX: 505 397-4701

#### REPORT OF ANALYSIS

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
Volatile organics-8260b/BTEX	---	---	---	---	12/16/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/16/03	8260b	J	3.8	90.2	93.7	94.3
Ethylbenzene	<1	µg/L	1	<1	12/16/03	8260b	---	5.9	94.5	103.8	99.5
m,p-Xylenes	<2	µg/L	2	<2	12/16/03	8260b	---	5.9	92.2	100.1	97.3
o-Xylene	<1	µg/L	1	<1	12/16/03	8260b	---	6.1	91.3	99.1	97.1
Toluene	<1	µg/L	1	<1	12/16/03	8260b	---	6.4	81.5	88.8	86.3

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 noninal 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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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Report#Lab ID#: 150611  
Sample Matrix: water

Client: Environmental Tech Group  
Attn: Camille Reynolds

Project ID: EO2022 SPS-11  
Sample Name: MW-31

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.1	80-120	---
Toluene-d8	8260b	104.3	88-110	---

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

**Exceptions Report:**

Report #/Lab ID#: 150611	Matrix: water	Attm: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO2022 SPS-11		
Sample Name: MW-31		

**Sample Temperature/Condition** <=6°C

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

**Sample Bottles & Preservation**

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

**J flag Discussion**

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

**Comments pertaining to Data Qualifiers and QC data:**

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

Notes:

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## CHAIN OF CUSTODY

www.analysysinc.com

## Send Reports To:

Company Name Environmental Technology Group Inc.Address 2540 W. OberlandCity Hobbs State N.M. Zip 88240ATTN: Connie ReynoldsPhone (505) 397-4822/FAX (505) 397-4701Project Name/ID #: GC-2032-SCL-H1 Sampler S-21

Sample Projects intended for YC(G)-IRRP completion require special handling. QC requirements and pricing To Be successfully completed such projects should be identified and directed prior to receipt and **MUST BE IDENTIFIED** on this Chain of Custody under "Special institutions"

## Will Be (if different):

Company Name Link EnergyAddress 1000 S. 1st Street, Suite 1000City Phoenix State AZATTN: Connie ReynoldsPhone (602) 257-4822/FAX (602) 257-4701Project Name/ID #: GC-2032-SCL-H1 Sampler S-21

Sample Projects intended for YC(G)-IRRP completion require special handling. QC requirements and pricing To Be successfully completed such projects should be identified and directed prior to receipt and **MUST BE IDENTIFIED** on this Chain of Custody under "Special institutions"

Official Sample No. Description	Date Sampled	Time Sampled	No. of Containers Shipped	Composite Grab	Composite Lab (1) # (Lab Only)	No. of Containers Preservative	Preservative Type	Matrix	Analyte Test
GC-2032-SCL-H1-14	12-8-03	12:00	1	X	150594	X	HNO3	Water	X X X X X X X X X X
GC-2032-SCL-H1-15		12:15	1	X	150595	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-16		12:30	1	X	150596	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-17		12:45	1	X	150597	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-18		1:00	1	X	150598	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-19		1:15	1	X	150599	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-20		1:30	1	X	150600	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-21		1:45	1	X	150601	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-22		2:00	1	X	150602	X	HCl	Wastewater	X X X X X X X X X X
GC-2032-SCL-H1-23		2:30	1	X	150603	X	HCl	Wastewater	X X X X X X X X X X

Special instructions, remarks or special test requirements, lists, methods, etc., )

Sample Received By	Name	Affiliation	Date	Time
Sample Received By	<u>Connie Reynolds</u>	<u>Link Energy</u>	<u>12/9/03</u>	<u>15:00</u>
Sample Received By	<u>Connie Reynolds</u>	<u>Link Energy</u>	<u>12/8/03</u>	<u>15:00</u>

It is understood all samples will be delivered to this chain of custody and all data will be recorded. All samples will be analyzed by AnalySys Inc. for GC/MS residues and extractables unless specific analytical method is specified on this chain of custody. If no specific method is specified on this chain of custody, GC/MS will be used to analyze all samples. In the event of a dispute, AnalySys Inc. will be the final arbiter.

## Sample Received By

Name Connie ReynoldsAffiliation Link EnergyDate 12/9/03Time 15:00

I, [Signature], declare that the samples described above were received by me at my place of business on the date and time indicated. I have read and understood the terms and conditions of the Analytical Testing Services Agreement between AnalySys Inc. and myself. I further declare that the samples described above were received in good condition and were not damaged in any way during transport.

