

GW - 140

MONITORING REPORTS

DATE:

2003

GW-140
GW?

ANNUAL MONITORING REPORT

File ?

MAR 27 2003

EOTT ENERGY, LLC
TNM SPS-11
NW ¼ SE ¼ SECTION 18, TOWNSHIP 18 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO

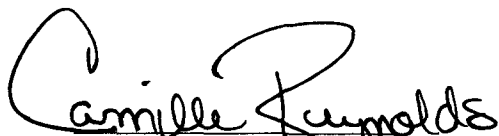
PREPARED FOR:

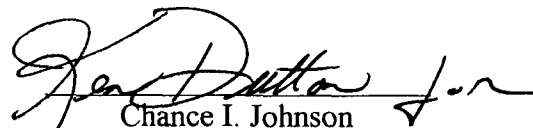
EOTT ENERGY, LLC
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

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

April 2003


Camille Reynolds
Project Manager


Chance I. Johnson
New Mexico Regional Manager

EOTT ENERGY LLC

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

March 31, 2003

Mr. Randolph Bayliss, P.E.
Hydrologist
Oil Conservation Division
State of New Mexico
1220 Sout St. Francis Drive
Santa Fe NM 87505

Dear Mr. Bayliss;

EOTT Energy, LLC is an Operator of crude oil pipelines and terminal facilities located in the state of New Mexico. EOTT actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and workplans developed in consultation with the New Mexico Oil Conservation Division. Consistent with the rules and regulations of the New Mexico OCD, EOTT hereby submits its annual monitoring reports for the following titled sites:

TNM 98-02	Section 31, Township 19 South, Range 37 East Lea County NM
TNM 97-16	Section 12, Township 24 South, Range 37 East, Lea County NM
Monument 19	Section 32, Township 19 South, Range 37 East, Lea County NM
TNM SPS-11	Section 18, Township 18 South, Range 36 East, Lea County NM
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County NM
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County NM
Monument 2	Section 06 & 07, Township 20 South, Range 38 East, Lea County NM
Leo (Flap) Sims	Section 27, Township 19 South, Range 37 East, Lea County NM
Monument 11	Section 30, Township 19 South, Range 37 East, Lea County NM
Monument 17	Section 17, Township 19 South, Range 37 East, Lea County NM
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County NM
LF 37	Sections 19 & 20, Township 19 South, Range 37 East, Lea County NM
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County NM
LF-59	Section 32, Township 19 South, Range 37 East, Lea County NM
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County NM

ETGI prepared these documents and has vouched for their accuracy and completeness, and on behalf of EOTT Energy, I have personally reviewed the documents and interviewed ETGI in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that EOTT Energy submits these Annual Compliance Monitoring Reports for the above 15 facilities.

I look forward to scheduling a meeting with you in the second or third week of March as you schedule allows, which will allow for an opportunity to review and discuss the results of the monitoring. If you have questions in the interim, please contact me at (713) 993-5047.

Sincerely,



Bill Von Drehle
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

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INTRODUCTION

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

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

FIELD ACTIVITIES

The site monitor wells were gauged and sampled on March 26, June 26, September 25, and December 10, 2002. During each sampling event the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking, Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on December 10, 2002, are depicted on Figure 2, the Inferred Groundwater Gradient Map. The groundwater elevation data are provided as Table 1. Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicate 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 56.74 to 61.59 feet in the shallow alluvial aquifer.

LABORATORY RESULTS

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

Laboratory results for groundwater samples collected during the calendar year 2002 indicated that dissolved phase benzene and BTEX constituent concentrations were below NMOCD regulatory standards in monitor wells MW-2, MW-3, MW-13, MW-15, MW-18, MW-20, MW-21, MW-22, MW-23, MW-25, MW-27, MW-30, and MW-31. The benzene concentrations contained in monitor wells MW-4, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-16, MW-17, MW-19, and MW-24 were above NMOCD regulatory standards, while the BTEX concentrations were below NMOCD regulatory standards. The benzene and BTEX constituent concentrations contained in monitor wells MW-1, MW-14, MW-26, MW-28, and MW-29 were above NMOCD regulatory standards for the monitoring period.

SUMMARY

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

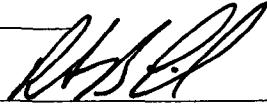
Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicated a general gradient of approximately 0.003 ft/ft to the southeast as measured between groundwater monitor wells MW-25 and MW-26.

Laboratory results for groundwater samples collected during the calendar year 2002 indicated that Benzene and BTEX concentrations were below NMOCD regulatory standards in monitor wells MW-2, MW-3, MW-13, MW-15, MW-18, MW-20, MW-21, MW-22, MW-23, MW-25, MW-27, MW-30, and MW-31. The benzene concentrations contained in monitor wells MW-4, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-16, MW-17, MW-19, and MW-24 were above NMOCD regulatory standards, while the BTEX concentrations were below NMOCD regulatory standards. The benzene and BTEX constituent concentrations contained in monitor wells MW-1, MW-14, MW-26, MW-28, and MW-29 were above NMOCD regulatory standards for the monitoring period.

DISTRIBUTION

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Copy Number 1

Quality Control Review 

FIGURES

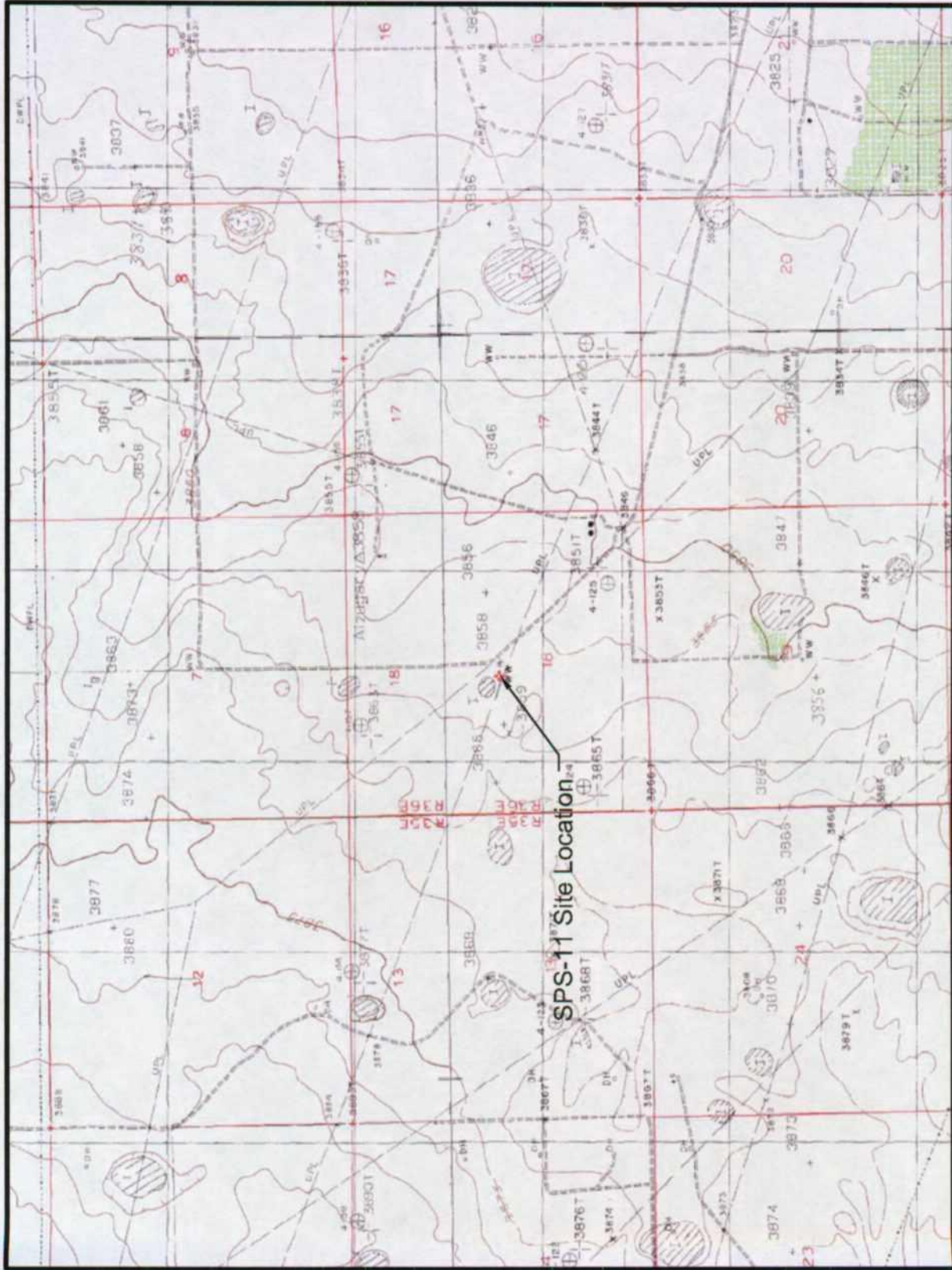




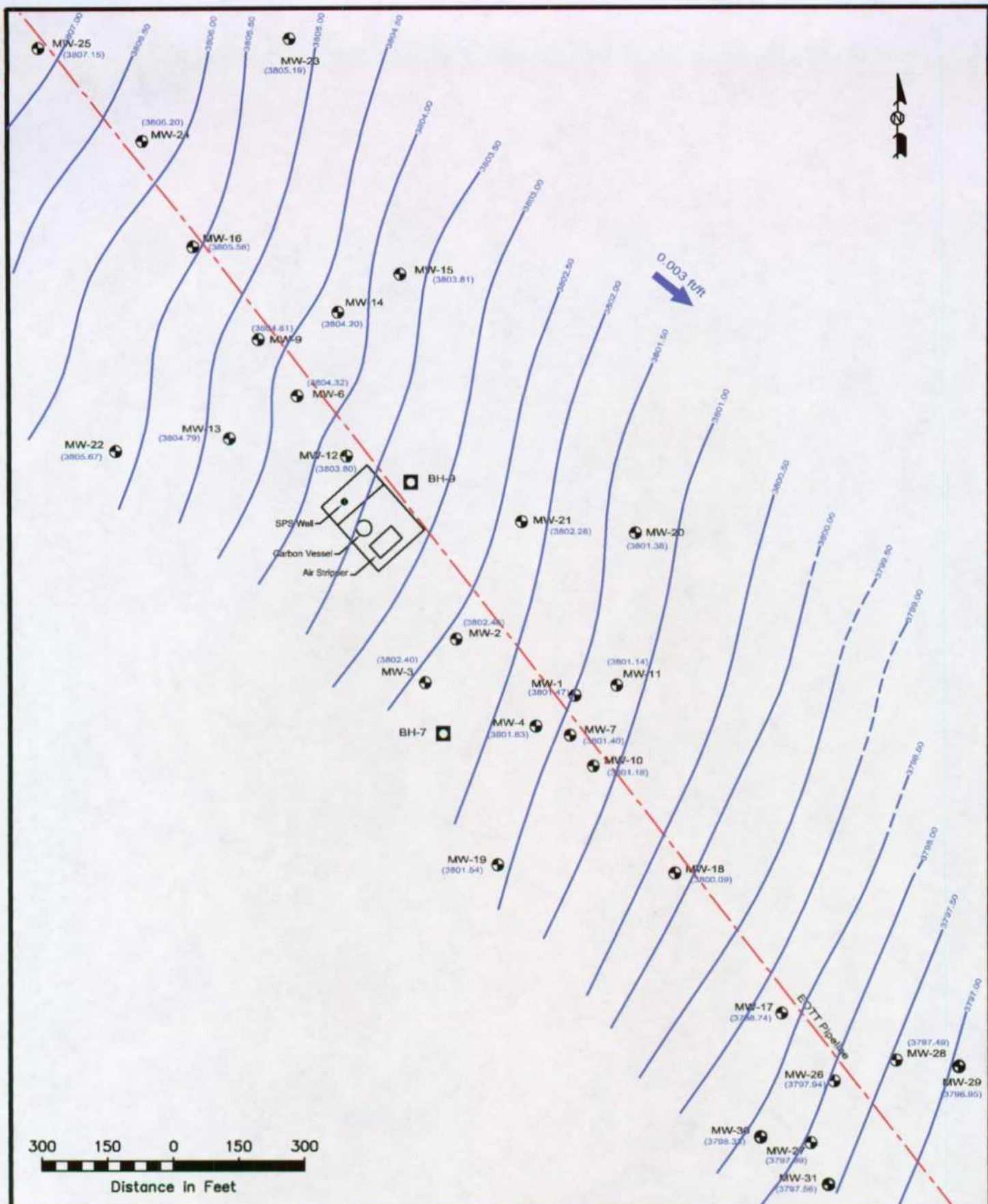
Figure 1
Site Location Map



Environmental Technology
Group, Inc.

EOTT Energy Pipeline, L.P.
SPS-11
Lea County, NM

Scale: NTS
Prep By: J.D. / Checked By: OR
February 18, 2002
NWNM SE1/4 Sec 18 T18S R30E
ETGI Project # EOTT0202C
N 102° 44' 30.3" Long. W 102° 22' 36.5"



LEGEND:

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

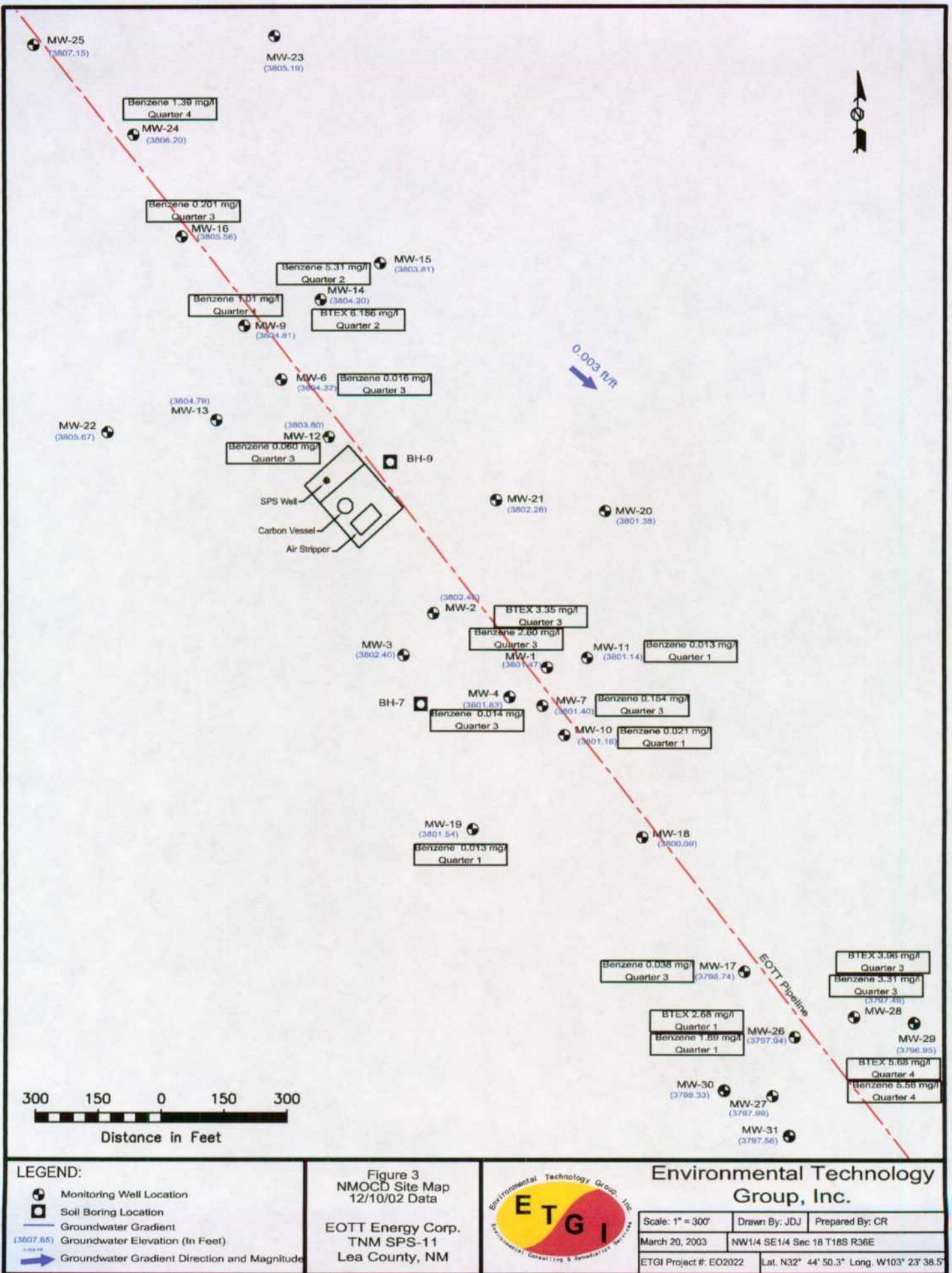
Figure 2
Inferred Groundwater
Gradient Map (12/10/02)

EOTT Energy Corp.
TNM SPS-11
Lea County, NM



Environmental Technology
Group, Inc.

Scale: 1" = 300'	Drawn By: JDJ	Prepared By: CR
March 20, 2003	NW1/4 SE1/4 Sec 18 T18S R36E	
ETGI Project #: EO2022		Lat. N32° 44' 50.3" Long. W103° 23' 38.5"



TABLES

**TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC**

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

WELL NUMBER	DATE MEASURED	TOP OF CASING 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
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
	12/10/02	3,860.76	-	58.30	0.00	3,802.46
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

TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	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	03/24/00	3,862.47	-	57.43	0.00	3,805.04
	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
MW - 7	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

TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 9	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
	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
MW - 10	03/24/00	3,860.58	-	58.68	0.00	3,801.90
	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
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

**TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC**

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
MW-13	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	03/24/00	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
	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

**TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC**

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
MW - 16	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
	06/26/02	3,863.15	-	57.43	0.00	3,805.72
	09/25/02	3,863.15	-	57.58	0.00	3,805.57
	12/10/02	3,863.15	-	57.59	0.00	3,805.56
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

TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 18	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
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
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
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
	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	3,802.47
	09/25/02	3,862.30	-	60.01	0.00	3,802.29
	12/10/02	3,862.30	-	60.02	0.00	3,802.28

TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
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
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
	12/09/02	3,862.44	-	57.25	0.00	3,805.19
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

**TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC**

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 25	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
	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
MW - 26	06/14/00	3,858.79	-	60.10	0.00	3,798.69
	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
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
MW - 28	12/10/02	3,858.23	-	60.24	0.00	3,797.99
	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
	12/10/02	3,858.60	-	61.11	0.00	3,797.49

TABLE 1
GROUNDWATER ELEVATION DATA
EOTT ENERGY, LLC

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

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 29	01/24/02	3,858.54	-	61.19	0.00	3,797.35
	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
MW - 30	01/24/02	3,858.35	-	59.63	0.00	3,798.72
	03/26/02	3,858.35	-	59.75	0.00	3,798.60
	06/26/02	3,858.35	-	59.84	0.00	3,798.51
	09/25/02	3,858.35	-	59.96	0.00	3,798.39
	12/10/02	3,858.35	-	60.02	0.00	3,798.33
MW - 31	01/24/02	3,858.52	-	60.59	0.00	3,797.93
	03/26/02	3,858.52	-	60.70	0.00	3,797.82
	06/26/02	3,858.52	-	60.77	0.00	3,797.75
	09/25/02	3,858.52	-	60.90	0.00	3,797.62
	12/10/02	3,858.52	-	60.96	0.00	3,797.56

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	08/20/99	6.54	0.078	1.36	0.822
	12/08/99	5.20	0.386	1.06	0.724
	03/24/00	0.547	0.098	0.169	0.056
	06/14/00	2.28	0.060	0.451	0.073
	09/22/00	0.455	0.115	0.128	0.074
	12/28/00	1.99	0.050	0.442	0.166
	03/14/01	2.72	0.199	0.659	0.275
	06/06/01	3.56	0.155	0.812	0.372
	09/28/01	1.28	0.065	0.366	0.013
	11/17/01	6.880	0.121	1.650	1.069
	03/26/02	1.850	0.049	0.361	0.049
	06/26/02	2.070	0.169	0.545	0.018
	09/25/02	2.600	0.311	0.402	0.033
	12/10/02	1.610	0.307	0.248	0.103
MW-2	08/19/99	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001
	03/24/00	0.001	0.001	<0.001	<0.001
	06/14/00	0.015	0.006	0.007	0.002
	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.002	0.001	0.001	<0.001
	03/14/01	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
	11/17/01	0.011	0.002	0.003	0.002
	03/26/02	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.002	0.002	0.001	0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001
MW-3	08/19/99	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	0.001	<0.001	<0.001
	06/14/00	0.003	0.001	0.003	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.004	0.005	0.003	0.003
	06/06/01	0.006	<0.001	<0.001	<0.001
	09/28/01	0.002	0.002	<0.001	0.001
	11/17/01	0.006	0.001	0.002	0.002
	03/26/02	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.003	0.004	0.002	0.002
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 4	08/19/00	0.009	<0.001	0.002	<0.001
	12/08/99	0.014	0.002	0.003	0.002
	03/24/00	0.015	0.001	0.003	0.001
	06/14/00	0.021	0.001	0.006	0.001
	09/22/00	0.015	0.002	0.006	0.003
	12/28/00	0.011	0.002	0.003	<0.001
	03/14/01	0.008	<0.001	0.002	<0.001
	06/06/01	0.020	<0.001	<0.001	<0.001
	09/28/01	0.012	0.001	0.003	0.001
	11/17/01	0.002	<0.001	<0.001	<0.001
	03/26/02	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.013	<0.001	0.003	<0.001
	09/25/02	0.014	<0.001	0.003	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001
MW - 6	08/19/99	0.009	<0.001	<0.001	<0.001
	12/08/99	0.011	<0.001	0.002	<0.001
	03/24/00	0.009	<0.001	<0.001	<0.001
	06/14/00	0.005	<0.001	0.002	<0.001
	09/02/00	0.04	<0.001	0.010	0.003
	12/28/00	0.010	0.001	0.002	<0.001
	03/14/01	0.021	<0.001	0.004	0.001
	06/06/01	0.024	<0.001	<0.001	<0.001
	09/28/01	0.027	<0.001	0.004	0.002
	11/17/01	0.013	<0.001	0.003	0.001
	03/26/02	0.013	<0.001	<0.001	<0.001
	06/26/02	0.003	0.002	<0.001	<0.001
	09/25/02	0.016	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001
MW-7	08/19/99	0.039	0.008	0.018	0.009
	12/08/99	0.108	0.011	0.094	0.21
	03/24/00	0.044	0.010	0.014	0.006
	06/14/00	0.014	0.003	0.004	<0.001
	09/22/00	0.150	0.026	0.084	0.037
	12/28/00	0.043	0.002	0.040	0.002
	03/14/01	0.055	0.002	0.057	0.002
	06/06/01	0.080	<0.005	0.079	<0.005
	09/28/01	0.100	0.004	0.124	0.009
	11/17/01	0.162	0.004	0.154	0.02
	03/26/02	0.041	0.001	0.036	0.002
	06/26/02	0.081	0.007	0.060	0.003
	09/25/02	0.154	0.013	0.079	0.009
	12/10/02	0.066	0.007	0.054	0.005

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MWV-9	08/19/99	0.725	0.163	0.368	0.356
	12/08/99	0.058	<0.001	0.022	0.004
	03/24/00	0.012	0.002	0.002	<0.001
	06/14/00	0.041	<0.001	0.024	0.002
	09/22/00	0.058	<0.001	0.008	0.002
	12/28/00	0.867	<0.010	0.344	0.043
	03/14/01	2.52	<0.010	1.12	0.117
	06/06/01	2.98	<0.005	1.15	0.198
	09/28/01	2.360	<0.002	1.000	0.015
	11/17/01	1.820	0.002	0.724	0.015
	03/26/02	0.162	<0.001	0.037	0.001
	06/26/02	0.836	<0.001	0.481	0.185
	09/25/02	0.710	0.002	0.199	0.003
	12/10/02	1.010	<0.001	0.369	0.017
MWV-10	08/19/99	0.040	0.007	0.006	0.009
	12/08/99	0.048	0.022	0.021	0.021
	03/24/00	0.022	0.004	0.005	0.006
	06/14/00	0.012	0.004	0.007	0.004
	09/22/00	0.026	0.005	0.016	0.011
	12/28/00	0.018	0.003	0.015	0.004
	03/14/01	0.011	0.004	0.013	0.004
	06/06/01	0.022	<0.001	0.016	0.035
	09/28/01	0.007	<0.001	0.008	0.001
	11/17/01	0.014	<0.001	0.007	0.002
	03/26/02	0.021	<0.001	0.006	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.002	<0.001	0.002	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001
MWV-11	08/20/99	1.763	<0.010	<0.010	<0.010
	12/08/99	2.94	<0.010	<0.010	<0.010
	03/24/00	1.40	<0.025	<0.025	<0.025
	06/14/00	0.724	0.002	0.001	<0.001
	09/22/00	1.97	<0.100	<0.100	<0.100
	12/28/00	0.250	<0.001	<0.001	<0.001
	03/14/01	0.105	<0.001	<0.001	<0.001
	06/06/01	0.073	<0.001	0.013	0.035
	09/28/01	0.013	<0.001	0.001	<0.001
	11/17/01	0.032	<0.001	0.007	<0.001
	03/26/02	0.013	0.001	0.004	<0.001
	06/26/02	0.001	<0.001	0.004	<0.001
	09/25/02	0.001	<0.001	0.004	<0.001
	12/10/02	<0.001	<0.001	0.002	<0.001

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-12	08/19/99	0.434	0.006	0.054	0.029
	12/08/99	0.604	0.012	0.080	0.034
	03/24/00	0.012	0.002	<0.001	0.005
	06/14/00	0.009	<0.001	0.001	<0.001
	09/22/00	0.716	0.026	0.310	0.130
	12/28/00	0.313	0.006	0.063	0.016
	03/14/01	0.424	0.013	0.037	0.02
	06/06/01	0.419	0.013	0.052	0.04
	09/28/01	0.063	0.004	0.008	0.001
	11/17/01	0.050	0.003	0.006	0.004
	03/26/02	0.002	<0.001	<0.001	<0.001
	06/26/02	0.021	0.002	<0.001	0.005
	09/25/02	0.060	0.009	0.002	0.015
	12/09/02	0.016	0.006	<0.001	0.010
MW-13	08/19/99	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.001	<0.001	0.003	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.002	<0.001	0.003	<0.001
	06/06/01	<0.001	<0.001	<0.001	<0.001
	09/27/01	0.002	<0.001	<0.001	<0.001
	11/17/01	0.001	<0.001	<0.001	<0.001
	03/26/02	<0.001	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.002	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001
MW-14	08/19/99	8.03	0.210	1.31	1.044
	12/08/99	7.97	0.022	1.18	0.692
	03/24/00	3.47	<0.025	0.200	0.106
	06/14/00	1.59	0.016	0.106	0.010
	09/22/00	3.65	<0.100	0.518	0.229
	12/28/00	3.97	0.003	0.392	0.254
	03/14/01	3.92	<0.020	0.483	0.157
	06/06/01	5.46	<0.005	0.695	0.418
	09/27/01	4.890	<0.005	0.498	0.297
	11/17/01	7.140	0.030	0.427	0.567
	03/26/02	2.460	<0.001	0.186	0.005
	06/26/02	5.310	<0.001	0.495	0.381
	09/25/02	4.290	<0.001	0.309	0.194
	12/10/02	2.370	<0.002	0.123	0.097

TABLE 2
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SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-15	08/19/99	0.031	<0.001	0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001
	03/24/00	0.001	<0.001	<0.001	<0.001
	06/14/00	0.006	<0.001	<0.001	<0.001
	09/22/00	0.011	<0.001	0.002	<0.001
	12/28/00	0.028	<0.001	<0.001	<0.001
	03/14/01	0.023	<0.001	0.003	<0.001
	06/06/01	0.021	<0.001	<0.001	<0.001
	09/27/01	0.008	<0.001	<0.001	<0.001
	11/17/01	0.040	<0.001	0.003	0.001
	03/26/02	0.006	<0.001	<0.001	<0.001
	06/26/02	0.001	<0.001	<0.001	<0.001
	09/25/02	0.002	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001
MW-16	08/19/99	0.065	0.004	0.002	<0.001
	12/08/99	0.055	0.025	0.005	0.007
	03/24/00	0.108	0.028	0.005	0.007
	06/14/00	0.017	0.002	<0.001	0.001
	09/22/00	0.036	0.003	<0.001	<0.001
	12/28/00	0.043	0.032	0.007	0.006
	03/14/01	0.057	0.036	0.015	0.008
	06/06/01	0.044	0.016	0.017	0.035
	09/27/01	0.044	0.027	0.012	0.006
	11/17/01	0.039	0.025	0.015	0.012
	03/26/02	0.021	0.004	0.004	0.002
	06/26/02	0.105	0.020	0.028	0.006
	09/25/02	0.201	0.072	0.030	0.018
	12/10/02	0.049	0.026	0.016	0.007
MW-17	08/19/99	0.010	0.016	0.008	0.004
	12/08/99	0.066	0.068	0.027	0.028
	03/24/00	0.055	0.063	0.023	0.024
	06/14/00	0.019	0.023	0.011	0.011
	09/22/00	0.058	0.059	0.029	0.020
	12/28/00	0.065	0.080	0.024	0.021
	03/14/01	0.045	0.057	0.023	0.019
	06/06/01	0.096	0.058	0.028	0.042
	09/27/01	0.064	0.090	0.050	0.042
	11/17/01	0.026	0.041	0.023	0.006
	03/26/02	0.012	0.022	0.012	0.011
	06/26/02	0.016	0.021	0.014	0.010
	09/25/02	0.038	0.039	0.025	0.019
	12/10/02	0.008	0.013	0.008	0.008

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-18	08/19/99	<0.001	<0.001	0.001	<0.001
	12/08/99	0.004	<0.001	0.002	0.002
	03/24/00	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	<0.001	<0.001
	12/28/00	0.007	<0.001	0.002	0.001
	03/14/01	<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
	11/17/01	0.003	<0.001	0.002	0.001
	03/26/02	0.004	<0.001	0.001	<0.001
	06/26/02	0.001	<0.001	0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001
MW-19	08/19/99	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.008	0.001	0.002	0.002
	03/24/00	0.003	<0.001	<0.001	<0.001
	06/14/00	0.002	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	0.002	<0.001
	12/28/00	0.012	<0.001	0.002	<0.001
	03/14/01	0.008	<0.001	0.002	<0.001
	06/06/01	0.006	<0.001	<0.001	<0.001
	09/27/01	0.001	<0.001	0.001	<0.001
	11/17/01	0.005	<0.001	0.003	0.001
	03/26/02	0.013	<0.001	0.004	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001
MW-20	08/20/99	0.002	<0.001	<0.001	<0.001
	12/08/99	0.005	<0.001	0.002	0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	0.001	<0.001
	12/28/00	0.005	<0.001	<0.001	<0.001
	03/14/01	<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
	11/17/01	0.007	<0.001	0.003	0.001
	03/26/02	0.003	<0.001	0.002	<0.001
	06/26/02	0.001	<0.001	<0.001	<0.001
	09/25/02	0.001	<0.001	<0.001	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-21	08/20/99	0.701	<0.01	<0.01	<0.01
	12/08/99	0.052	<0.001	<0.001	<0.001
	03/24/00	0.002	<0.001	<0.001	<0.001
	06/14/00	0.002	<0.001	<0.001	<0.001
	09/22/00	0.002	<0.001	0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001
	03/14/01	<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
	11/17/01	0.014	<0.001	0.006	0.002
	03/26/02	0.004	<0.001	0.003	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	0.001	<0.001	0.002	<0.001
	12/10/02	0.001	<0.001	<0.001	<0.001
	08/19/99	<0.001	<0.001	<0.001	<0.001
MW-22	12/08/99	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001
	06/14/00	<0.001	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/08/00	<0.001	<0.001	<0.001	<0.001
	03/14/01	0.008	<0.001	0.004	<0.001
	06/06/01	0.006	<0.001	<0.001	<0.001
	09/27/01	0.006	<0.001	0.003	<0.001
	11/17/01	0.007	<0.001	0.004	0.001
	03/26/02	0.002	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001
	08/19/99	<0.001	<0.001	<0.001	<0.001
	12/08/99	0.002	<0.001	<0.001	<0.001
MW-23	03/24/00	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.007	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.001	<0.001	<0.001	<0.001
	03/14/01	0.001	<0.001	<0.001	<0.001
	06/06/01	0.006	<0.001	<0.001	<0.001
	09/28/01	<0.001	<0.001	<0.001	<0.001
	11/17/01	0.004	<0.001	0.002	<0.001
	03/26/02	0.003	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001

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GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

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SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW-24	08/19/99	2.29	<0.001	0.023	0.010
	12/08/99	0.839	0.007	0.002	0.008
	03/24/00	0.762	<0.010	<0.010	<0.010
	06/14/00	0.887	0.013	0.004	0.006
	09/22/00	0.663	0.012	0.004	0.005
	12/28/00	1.38	<0.010	<0.010	<0.010
	03/14/01	1.81	0.045	0.019	0.012
	06/06/01	0.909	<0.001	<0.001	<0.001
	09/28/01	1.470	0.024	0.015	0.013
	11/17/01	0.986	0.004	0.011	0.005
	03/26/02	0.839	0.002	0.005	0.002
	06/26/02	0.870	0.003	0.008	0.002
	09/25/02	1.080	0.017	0.014	0.011
	12/10/02	1.390	0.021	0.012	0.010
MW-25	08/19/99	<0.001	<0.001	<0.001	<0.001
	12/08/99	<0.001	<0.001	<0.001	<0.001
	03/24/00	<0.001	<0.001	<0.001	<0.001
	06/14/00	0.002	<0.001	<0.001	<0.001
	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001
	03/14/01	<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
	11/17/01	0.006	<0.001	0.003	<0.001
	03/26/02	0.005	<0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/09/02	<0.001	<0.001	<0.001	<0.001
MW - 26	09/22/00	0.021	0.041	0.008	0.019
	12/28/00	0.386	0.130	0.040	0.039
	03/14/01	0.731	0.267	0.160	0.106
	06/06/01	1.01	0.263	0.179	0.204
	09/28/01	1.700	0.469	0.441	0.084
	11/17/01	1.600	0.534	0.417	0.081
	03/26/02	1.690	0.547	0.361	0.086
	06/26/02	0.780	0.259	0.223	0.053
	09/25/02	1.420	0.551	0.384	0.074
	12/10/02	1.390	0.691	0.155	0.110
MW - 27	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/28/00	0.003	0.004	0.002	<0.001
	03/14/01	<0.001	0.002	<0.001	<0.001
	06/06/01	0.005	<0.001	<0.001	<0.001
	09/28/01	0.001	0.002	0.001	<0.001
	11/17/01	0.001	0.001	0.001	<0.001
	03/26/02	0.004	0.003	0.002	0.001
	06/26/02	0.001	<0.001	0.002	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001

TABLE 2
GROUNDWATER CHEMISTRY
EOTT ENERGY, LLC

SPS 11
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2022

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8620b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 28	09/22/00	1.58	0.059	0.374	0.216
	12/28/00	4.08	0.073	0.469	0.188
	03/14/01	2.73	0.018	0.212	0.045
	06/06/01	2.06	0.064	0.121	0.182
	09/28/01	2.250	0.027	0.094	0.056
	11/17/01	1.490	0.035	0.104	0.077
	03/26/02	2.130	0.073	0.226	0.042
	06/26/02	2.220	0.043	0.292	0.052
	09/25/02	3.310	0.060	0.506	0.088
	12/10/02	2.120	0.025	0.125	0.047
MW - 29	03/26/02	2.340	0.002	0.102	0.017
	06/26/02	1.660	0.001	0.109	0.026
	09/25/02	4.330	0.001	0.087	0.019
	12/10/02	5.660	0.003	0.014	0.005
MW - 30	03/26/02	<0.001	<0.001	<0.001	<0.001
	06/26/02	0.002	0.003	0.002	0.002
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001
MW - 31	03/26/02	0.002	0.001	<0.001	<0.001
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001
EB - 1	09/22/00	<0.001	<0.001	<0.001	<0.001
	12/28/00	<0.001	<0.001	<0.001	<0.001
	03/14/01	<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
	06/26/02	<0.001	<0.001	<0.001	<0.001
	09/25/02	<0.001	<0.001	<0.001	<0.001
	12/10/02	<0.001	<0.001	<0.001	<0.001

APPENDICES

Appendix A
Laboratory Reports

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 127606

Report Date: 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 1

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹											
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	1850	µg/L	100	<100	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	361	µg/L	100	<100	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	41.6	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	7.27	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	48.9	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 1

Report#/Lab ID#: 127606
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	99.6	88-110	---

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



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(512) 444-5896 • FAX (512) 447-4766

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

Report#/Lab ID#: 127607 Report Date: 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 2
Sample Matrix: water
Date Received: 04/03/2002 Time: 09:45
Date Sampled: 03/26/2002 Time: 11:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/04/02	8260b	J	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/04/02	8260b	J	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 2

Report#/Lab ID#: 127607
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.2	80-120	---
Toluene-d8	8260b	99.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127607 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 127608 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C

Sample Name: MW 3

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 11:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/03/02	8260b	J	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 3

Report#/Lab ID#: 127608
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127608	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Report#/Lab ID#: 127609 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 4
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 10:05

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/03/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 4

Report#/Lab ID#: 127609
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127610 **Report Date:** 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 6

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 12:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	12.9	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	J	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 6

Report#/Lab ID#: 127610
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	91.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127610 Matrix: water

Client: Environmental Tech Group

Project ID: SPS-11 EOT 2022C

Sample Name: MW 6

Attn: Ken Dutton

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

The typical sample temperature criteria (except for metals by ICP, GEAA 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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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 127611 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 7
Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 10:15

REPORT OF ANALYSIS

Parameter	Result	Units
Volatiles organics-8260b/BTEX	---	
Benzene	40.5	µg/L
Ethylbenzene	35.5	µg/L
m,p-Xylenes	2.15	µg/L
o-Xylene	<1	µg/L
Toluene	1.12	µg/L

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Method ⁶	Date	Blank	RQL ⁵	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8260b	04/03/02		---	---	---	---	---	---
8260b	04/03/02	<1	1	---	0.5	94.4	106.5	99.4
8260b	04/03/02	<1	1	---	1.4	98.4	103.3	99.1
8260b	04/03/02	<1	1	---	2.2	103.3	108	104
8260b	04/03/02	<1	1	J	1.2	96.2	100.4	97.6
8260b	04/03/02	<1	1	---	0	105.5	113.8	110.1

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 7

Report#/Lab ID#: 127611
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127611 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 7

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

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Report#/Lab ID#: 127612 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 9
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 12:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	162	µg/L	1	<1	04/03/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	37.1	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	1.25	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	J	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 9

Report#/Lab ID#: 127612
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127612	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
Sample Name: MW 9		

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.
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J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 127613 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 10
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 10:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	20.8	µg/L	1	<1	04/03/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	6.22	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	J	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 10

Report#/Lab ID#: 127613
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 127613	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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).

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127614 **Report Date:** 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 11

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 10:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	12.8	µg/L	1	<1	04/03/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	3.72	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/03/02	8260b	J	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	1.28	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 11

Report#/Lab ID#: 127614
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127614	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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).

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Report#/Lab ID#: 127615 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 12
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 12:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	2.39	µg/L	1	<1	04/03/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/03/02	8260b	J	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 12

Report#/Lab ID#: 127615
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127615	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
Sample Name: MW 12		

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 127616 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C

Sample Name: MW 13

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 12:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/03/02	8260b	J	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 13

Report#/Lab ID#: 127616
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	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127616 Matrix: water

Client: Environmental Tech Group

Project ID: SPS-11 EOT 2022C

Sample Name: MW 13

Attn: Ken Dutton

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

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

Report#/Lab ID#: 127617 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 14
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 14:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/03/02	8260b	---	---	---	---	---
Benzene	2460	µg/L	100	<100	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	186	µg/L	1	<1	04/03/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	148	µg/L	1	<1	04/03/02	8260b	---	2.2	103.3	108	104
o-Xylene	5.24	µg/L	1	<1	04/03/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/03/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 14

Report#/Lab ID#: 127617
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

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

Report#/Lab ID#: 127618 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 15
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 14:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	6.32	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	J	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 15

Report#/Lab ID#: 127618
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	92.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127618 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 15

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Report#/Lab ID#: 127619 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 16
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 13:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	20.8	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	4.18	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	2.39	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	J	1.2	96.2	100.4	97.6
Toluene	4.11	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 16

Report#/Lab ID#: 127619
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	118	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127619 Matrix: water
Client: Environmental Tech Group
Project ID: SPS-11 EOT 2022C
Sample Name: MW 16
Attn: Ken Dutton

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.
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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:



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127620

Report Date: 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 17

Sample Matrix: water

Date Received: 04/03/2002 Time: 09:45

Date Sampled: 03/26/2002 Time: 14:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	12	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	12.4	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	7.61	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	3.24	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	21.8	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 17

Report#/Lab ID#: 127620
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110	80-120	---
Toluene-d8	8260b	93	88-110	---

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

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

Report#/Lab ID#: 127621 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 18
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 14:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	4.32	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	1.11	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

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Richard Laster
Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 18

Report#/Lab ID#: 127621
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.6	80-120	---
Toluene-d8	8260b	94.8	88-110	---

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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127622 **Report Date:** 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 19

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 11:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	QUALITY ASSURANCE DATA ¹			
							Data Qual ⁷	Prec. ²	Recov. ³	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---
Benzene	12.6	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5
Ethylbenzene	4.4	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4
Toluene	<1	µg/L	1	<1	04/04/02	8260b	J	0	105.5	113.8
										110.1

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Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 19

Report#/Lab ID#: 127622
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127622	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127623 **Report Date:** 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 20

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 11:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	2.8	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	1.66	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

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Richard Laster

Richard Laster

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Report#/Lab ID#: 127623
Sample Matrix: water

Project ID: SPS-11 EOT 2022C
Sample Name: MW 20

Client: Environmental Tech Group
Attn: Ken Dutton

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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

Report#/Lab ID#: 127624 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 21
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 11:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	3.7	µg/L	1	<1	04/04/02	8260b	---	0.5	94.4	106.5	99.4
Ethylbenzene	2.64	µg/L	1	<1	04/04/02	8260b	---	1.4	98.4	103.3	99.1
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	2.2	103.3	108	104
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	1.2	96.2	100.4	97.6
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0	105.5	113.8	110.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 21

Report#/Lab ID#: 127624
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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

Report#/Lab ID#: 127625 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 22
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 12:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	1.8	µg/L	1	<1	04/04/02	8260b	---	1.4	94.1	99	95.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	J	5.5	95.4	97.6	99.2
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.5	98.3	101.3	102.7
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	5.4	93.6	95.1	96.5
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	0.2	104.8	106.5	103.7

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Exceptions Report:

Report #/Lab ID#: 127625	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127626

Report Date: 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 23

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 13:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	2.93	µg/L	1	<1	04/04/02	8260b	---	7.1	89.1	89.8	90.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	J	7.2	113.2	109.2	106.8
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	J	5.8	118.2	114.4	112.5
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 23

Report#/Lab ID#: 127626
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.6	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127626	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
Sample Name: MW 23		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Report#/Lab ID#: 127627 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 24
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 13:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	839	µg/L	10	<10	04/05/02	8260b	---	7.1	89.1	89.8	90.8
Ethylbenzene	5.44	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
m,p-Xylenes	1.68	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	J	0.5	113.7	110.6	108.3
Toluene	1.63	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 24

Report#/Lab ID#: 127627
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	99.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127627	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
Sample Name: MW 24		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GEAA 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:

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

Report#/Lab ID#: 127628 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 25
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 13:25

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	4.77	µg/L	1	<1	04/04/02	8260b	---	7.1	89.1	89.8	90.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	J	7.2	113.2	109.2	106.8
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
Toluene	<1	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

QUALITY ASSURANCE DATA¹

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 25

Report#/Lab ID#: 127628
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	96.4	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127628	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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).

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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

Report#/Lab ID#: 127629 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 26
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 14:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/05/02	8260b	---	---	---	---	---
Benzene	1690	µg/L	10	<10	04/05/02	8260b	---	0.3	99.2	95.7	100.7
Ethylbenzene	361	µg/L	10	<10	04/05/02	8260b	---	0.3	97.3	100.8	98
m,p-Xylenes	213	µg/L	10	<10	04/05/02	8260b	---	0.1	100.1	104.6	100.8
o-Xylene	86.1	µg/L	10	<10	04/05/02	8260b	---	1.6	95.9	99.1	96.9
Toluene	547	µg/L	10	<10	04/05/02	8260b	---	0.3	107.8	103.2	111.7

QUALITY ASSURANCE DATA¹

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Richard Laster
Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 26

Report#/Lab ID#: 127629
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	97.3	88-110	---

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



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(512) 444-5896 • FAX (512) 447-4766

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

Report#/Lab ID#: 127630 Report Date: 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 27
Sample Matrix: water
Date Received: 04/03/2002 Time: 09:45
Date Sampled: 03/26/2002 Time: 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		04/04/02	8260b	---	---	---	---	---
Benzene	4.19	µg/L	1	<1	04/04/02	8260b	---	7.1	89.1	89.8	90.8
Ethylbenzene	2	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
m,p-Xylenes	1.14	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	J	0.5	113.7	110.6	108.3
Toluene	2.85	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6

QUALITY ASSURANCE DATA¹

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

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.



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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 27

Report#/Lab ID#: 127630
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	97.4	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 127630 Matrix: water

Client: Environmental Tech Group

Project ID: SPS-11 EOT 2022C

Sample Name: MW 27

Attn: Ken Dutton

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 TNRC-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 "fit" 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:



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 127631 **Report Date:** 04/16/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 28

Sample Matrix: water

Date Received: 04/03/2002 **Time:** 09:45

Date Sampled: 03/26/2002 **Time:** 15:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		04/05/02	8260b	---	---	---	---	---
Benzene	2130	µg/L	10	<10	04/05/02	8260b	---	0.3	99.2	95.7	100.7
Ethylbenzene	226	µg/L	10	<10	04/05/02	8260b	---	0.3	97.3	100.8	98
m,p-Xylenes	118	µg/L	10	<10	04/05/02	8260b	---	0.1	100.1	104.6	100.8
o-Xylene	41.8	µg/L	10	<10	04/05/02	8260b	---	1.6	95.9	99.1	96.9
Toluene	73.4	µg/L	10	<10	04/05/02	8260b	---	0.3	107.8	103.2	111.7

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 28

Report#/Lab ID#: 127631
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	96.6	88-110	---

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



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(512) 444-5896 • FAX (512) 447-4766

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

Report#/Lab ID#: 127632 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 29
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 15:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	04/02/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	04/04/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO ₃	---	---	---	---	04/03/02	3015	---	---	---	---	---
Metals Dig.-HNO ₃ *filtered	---	---	---	---	04/03/02	3005a	---	---	---	---	---
Total dissolved solids	584	mg/L	1	<1	04/17/02	160.1	---	6.97	-NA-	-NA-	-NA-
Aluminum/ICP	1.37	mg/L	0.2	<0.2	04/05/02	6010 & 200.7	---	11.66	108.49	96.7	84.85
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	2.13	106.97	95.24	104.32
Barium/ICP	0.393	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	1.19	118.87	100.98	92.88
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	04/05/02	6010 & 200.7	---	5.29	108.11	98	95.62
Boron/ICP	0.154	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	0.69	104.15	102.3	101.44
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	04/05/02	6010 & 200.7	---	3.7	103.23	98.94	91.94
Calcium/ICP*filtered	190	mg/L	10	<10	04/21/02	6010 & 200.7	---	1.35	86.9	97.64	98.87
Chromium/ICP	<0.01	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	J	2.19	119.51	95.74	84.11
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.87	119.24	96.62	88.8
Copper/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2	109	96.72	91.31
Iron/ICP	0.899	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	1.4	117.25	99.62	88.29
Lead/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	1.25	115.56	100.64	86.22
Magnesium/ICP*filtered	19.5	mg/L	5	<5	04/05/02	6010 & 200.7	---	0.28	107.04	103.16	82.3
Manganese/ICP	0.204	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	3.72	120.13	95.36	85.36
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	04/05/02	245.1&7470	---	0.9	107.07	85	108
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	1.4	105.45	95.81	92.93

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 29

Report#/Lab ID#: 127632
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	J	2.2	111.48	96.5	88.91
Potassium/AA *filtered	0.8	mg/L	0.05	<0.05	04/04/02	258.1&7610	---	1.47	104.99	102.65	96.24
Selenium/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	2.65	103.77	99.34	102.73
Silver/GFAA	0.0058	mg/L	0.002	<0.002	04/05/02	272.2&7761	---	1.05	81.65	92.5	110
Sodium/ICP*filtered	79.9	mg/L	50	<50	04/05/02	6010 & 200.7	---	1.34	115.47	101.6	82.84
Strontium/ICP	1.71	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	4.05	90.63	102.36	91.73
Tin/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	1.87	114.26	100.72	91.49
Vanadium/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.89	119.17	99.72	90.14
Zinc/ICP	<0.01	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	J	2.8	105.26	96.95	99.11
Alkalinity, bicarbonate	460	mg/L	10	<10	04/08/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	04/08/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	22.6	mg/L	0.5	<0.5	04/04/02	325.2&9251	---	1.44	107.54	107.37	97.41
Sulfate	11.1	mg/L	1	<1	04/04/02	375.4&9038	---	8.91	110.06	86.56	85.82
Extractable organics-PAH	---	---	---	---	04/11/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	04/04/02	8260b	---	---	---	---	---
Benzene	2340	µg/L	10	<10	04/05/02	8260b	---	7.1	89.1	89.8	90.8
Ethylbenzene	102	µg/L	1	<1	04/04/02	8260b	---	7.2	113.2	109.2	106.8
m,p-Xylenes	16.2	µg/L	1	<1	04/04/02	8260b	---	5.8	118.2	114.4	112.5
o-Xylene	1.09	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
Toluene	2.19	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6
Acenaphthene	0.067	µg/L	0.05	<0.05	04/11/02	8270c	---	29.3	35.7	99.3	49.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	29.7	33.7	95.7	47.2
Anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	18.4	47.1	93.5	51.8
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	11.9	51.1	89.8	51.7
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	12.9	52.9	90.8	54.2
Benzo[b]fluoranthene	0.052	µg/L	0.05	<0.05	04/11/02	8270c	---	13.3	51.1	88	51.1
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	11.5	53.9	92.8	52.4
Benzo[j,k]fluoranthene	0.051	µg/L	0.05	<0.05	04/11/02	8270c	---	14.2	52	92.7	54
Chrysene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	11.5	53.1	91.6	53.2
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	10.6	55.9	94.1	54.9
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	7.4	46.6	83.3	47.3
Fluorene	0.075	µg/L	0.05	<0.05	04/11/02	8270c	---	28.6	36.8	98.4	40.1

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 29

Report#/Lab ID#: 127632
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	11	53.1	91.5	52.1
Naphthalene	6.11	µg/L	0.05	<0.05	04/11/02	8270c	---	20.9	21.8	86.5	34.3
Phenanthrene	0.09	µg/L	0.05	<0.05	04/11/02	8270c	---	18.3	47.4	95	51.9
Pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	J	13.6	50	88.6	52.7



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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 29

Report#/Lab ID#: 127632
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4 Toluene-d8	8260b	104	80-120	---
	8260b	96.4	88-110	---
2-Fluorobiphenyl Nitrobenzene-d5 Terphenyl-d14	8270c	70.8	43-116	---
	8270c	51.4	35-114	---
	8270c	51.2	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 127632 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
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).

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Chromium/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Acenaphthylene	J	See J-flag discussion above.
Anthracene	J	See J-flag discussion above.
Benzo[a]anthracene	J	See J-flag discussion above.
Benzo[a]pyrene	J	See J-flag discussion above.
Benzo[g,h,i]perylene	J	See J-flag discussion above.
Chrysene	J	See J-flag discussion above.
Dibenz[a,h]anthracene	J	See J-flag discussion above.
Fluoranthene	J	See J-flag discussion above.
Indeno[1,2,3-cd]pyrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:



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(512) 444-5896 • FAX (512) 447-4766

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

Report#/Lab ID#: 127633 Report Date: 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 30
Sample Matrix: water
Date Received: 04/03/2002 Time: 09:45
Date Sampled: 03/26/2002 Time: 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	04/03/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	04/15/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO ₃	---	---	---	---	04/03/02	3015	---	---	---	---	---
Metals Dig.-HNO ₃ *filtered	---	---	---	---	04/03/02	3005a	---	---	---	---	---
Total dissolved solids	473	mg/L	1	<1	04/17/02	160.1	---	6.97	-NA-	-NA-	-NA-
Aluminum/ICP	1.3	mg/L	0.2	<0.2	04/05/02	6010 & 200.7	---	11.66	108.49	96.7	84.85
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	2.13	106.97	95.24	104.32
Barium/ICP	0.296	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	1.19	118.87	100.98	92.88
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	04/05/02	6010 & 200.7	---	5.29	108.11	98	95.62
Boron/ICP	0.107	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	0.69	104.15	102.3	101.44
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	04/05/02	6010 & 200.7	---	3.7	103.23	98.94	91.94
Calcium/ICP*filtered	202	mg/L	10	<10	04/21/02	6010 & 200.7	---	1.35	86.9	97.64	98.87
Chromium/ICP	<0.01	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	J	2.19	119.51	95.74	84.11
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.87	119.24	96.62	88.8
Copper/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2	109	96.72	91.31
Iron/ICP	0.927	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	1.4	117.25	99.62	88.29
Lead/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	J	1.25	115.56	100.64	86.22
Magnesium/ICP*filtered	18.3	mg/L	5	<5	04/05/02	6010 & 200.7	---	0.28	107.04	103.16	82.3
Manganese/ICP	0.269	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	3.72	120.13	95.36	85.36
Mercury/CVAA	0.0002	mg/L	0.0002	<0.0002	04/15/02	245.1&7470	---	4.65	88.89	95	107.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	J	1.4	105.45	95.81	92.93

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

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.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 30

Report#/Lab ID#: 127633
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	0.0336	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.2	111.48	96.5	88.91
Potassium/AA*filtered	2.6	mg/L	0.05	<0.05	04/04/02	258.1&7610	---	1.47	104.99	102.65	96.24
Selenium/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	2.65	103.77	99.34	102.73
Silver/GFAA	<0.002	mg/L	0.002	<0.002	04/05/02	272.2&7761	---	1.05	81.65	92.5	110
Sodium/ICP*filtered	74	mg/L	50	<50	04/05/02	6010 & 200.7	---	1.34	115.47	101.6	82.84
Strontium/ICP	1.68	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	4.05	90.63	102.36	91.73
Tin/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	1.87	114.26	100.72	91.49
Vanadium/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.89	119.17	99.72	90.14
Zinc/ICP	<0.01	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	J	2.8	105.26	96.95	99.11
Alkalinity, bicarbonate	240	mg/L	10	<10	04/08/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	04/08/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	30.3	mg/L	0.5	<0.5	04/04/02	325.2&9251	---	1.44	107.54	107.37	97.41
Sulfate	53.4	mg/L	2	<2	04/04/02	375.4&9038	---	8.91	110.06	86.56	85.82
Extractable organics-PAH	---	---	---	---	04/11/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	04/05/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	04/05/02	8260b	J	7.1	89.1	89.8	90.8
Ethylbenzene	<1	µg/L	1	<1	04/05/02	8260b	J	7.2	113.2	109.2	106.8
m,p-Xylenes	<1	µg/L	1	<1	04/05/02	8260b	---	5.8	118.2	114.4	112.5
o-Xylene	<1	µg/L	1	<1	04/05/02	8260b	---	0.5	113.7	110.6	108.3
Toluene	<1	µg/L	1	<1	04/05/02	8260b	J	3.8	97	100.2	100.6
Acenaphthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	29.3	35.7	99.3	49.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	29.7	33.7	95.7	47.2
Anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	18.4	47.1	93.5	51.8
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11.9	51.1	89.8	51.7
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	12.9	52.9	90.8	54.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	13.3	51.1	88	51.1
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11.5	53.9	92.8	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	14.2	52	92.7	54
Chrysene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11.5	53.1	91.6	53.2
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	10.6	55.9	94.1	54.9
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	7.4	46.6	83.3	47.3
Fluorene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	28.6	36.8	98.4	40.1



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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 30

Report#/Lab ID#: 127633
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11	53.1	91.5	52.1
Naphthalene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	20.9	21.8	86.5	34.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	18.3	47.4	95	51.9
Pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	13.6	50	88.6	52.7

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 30

Report#/Lab ID#: 127633
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4 Toluene-d8	8260b	114	80-120	---
	8260b	93.1	88-110	---
2-Fluorobiphenyl Nitrobenzene-d5 Terphenyl-d14	8270c	47.4	43-116	---
	8270c	40.3	35-114	---
	8270c	49.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 127633 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 30

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Chromium/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Benzene	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:



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(512) 444-5896 • FAX (512) 447-4766

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

Report#/Lab ID#: 127634 **Report Date:** 04/16/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 31
Sample Matrix: water
Date Received: 04/03/2002 **Time:** 09:45
Date Sampled: 03/26/2002 **Time:** 15:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	04/02/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	04/04/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	04/03/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	04/03/02	3005a	---	---	---	---	---
Total dissolved solids	362	mg/L	1	<1	04/17/02	160.1	---	6.97	-NA-	-NA-	-NA-
Aluminum/ICP	1.45	mg/L	0.2	<0.2	04/05/02	6010 & 200.7	---	11.66	108.49	96.7	84.85
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	2.13	106.97	95.24	104.32
Barium/ICP	0.169	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	1.19	118.87	100.98	92.88
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	04/05/02	6010 & 200.7	---	5.29	108.11	98	95.62
Boron/ICP	0.152	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	0.69	104.15	102.3	101.44
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	04/05/02	6010 & 200.7	---	3.7	103.23	98.94	91.94
Calcium/ICP*filtered	207	mg/L	10	<10	04/21/02	6010 & 200.7	---	1.35	86.9	97.64	98.87
Chromium/ICP	0.0105	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	2.19	119.51	95.74	84.11
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.87	119.24	96.62	88.8
Copper/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	J	2	109	96.72	91.31
Iron/ICP	0.852	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	1.4	117.25	99.62	88.29
Lead/ICP	0.16	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	1.25	115.56	100.64	86.22
Magnesium/ICP*filtered	16.1	mg/L	5	<5	04/05/02	6010 & 200.7	---	0.28	107.04	103.16	82.3
Manganese/ICP	0.208	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	3.72	120.13	95.36	85.36
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	04/05/02	245.1&7470	---	0.9	107.07	85	108
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	J	1.4	105.45	95.81	92.93

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

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.

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 31

Report#/Lab ID#: 127634
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	J	2.2	111.48	96.5	88.91
Potassium/AA*filtered	1.62	mg/L	0.05	<0.05	04/04/02	258.1&7610	---	1.47	104.99	102.65	96.24
Selenium/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	2.65	103.77	99.34	102.73
Silver/GFAA	<0.002	mg/L	0.002	<0.002	04/05/02	272.2&7761	---	1.05	81.65	92.5	110
Sodium/ICP*filtered	64.1	mg/L	50	<50	04/05/02	6010 & 200.7	---	1.34	115.47	101.6	82.84
Strontium/ICP	1.32	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	4.05	90.63	102.36	91.73
Tin/ICP	<0.05	mg/L	0.05	<0.05	04/05/02	6010 & 200.7	---	1.87	114.26	100.72	91.49
Vanadium/ICP	<0.02	mg/L	0.02	<0.02	04/05/02	6010 & 200.7	---	2.89	119.17	99.72	90.14
Zinc/ICP	0.0131	mg/L	0.01	<0.01	04/05/02	6010 & 200.7	---	2.8	105.26	96.95	99.11
Alkalinity, bicarbonate	240	mg/L	10	<10	04/08/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	04/08/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	26.7	mg/L	0.5	<0.5	04/04/02	325.2&9251	---	1.44	107.54	107.37	97.41
Sulfate	38.6	mg/L	2	<2	04/04/02	375.4&9038	---	8.91	110.06	86.56	85.82
Extractable organics-PAH	---	---	---	---	04/11/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	04/04/02	8260b	---	---	---	---	---
Benzene	1.91	µg/L	1	<1	04/04/02	8260b	---	7.1	89.1	89.8	90.8
Ethylbenzene	<1	µg/L	1	<1	04/04/02	8260b	J	7.2	113.2	109.2	106.8
m,p-Xylenes	<1	µg/L	1	<1	04/04/02	8260b	J	5.8	118.2	114.4	112.5
o-Xylene	<1	µg/L	1	<1	04/04/02	8260b	---	0.5	113.7	110.6	108.3
Toluene	1.34	µg/L	1	<1	04/04/02	8260b	---	3.8	97	100.2	100.6
Acenaphthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	29.3	35.7	99.3	49.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	29.7	33.7	95.7	47.2
Anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	18.4	47.1	93.5	51.8
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11.9	51.1	89.8	51.7
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	12.9	52.9	90.8	54.2
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	13.3	51.1	88	51.1
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11.5	53.9	92.8	52.4
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	14.2	52	92.7	54
Chrysene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11.5	53.1	91.6	53.2
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	10.6	55.9	94.1	54.9
Fluoranthene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	7.4	46.6	83.3	47.3
Fluorene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	28.6	36.8	98.4	40.1



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 31

Report#/Lab ID#: 127634
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	11	53.1	91.5	52.1
Naphthalene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	20.9	21.8	86.5	34.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	18.3	47.4	95	51.9
Pyrene	<0.05	µg/L	0.05	<0.05	04/11/02	8270c	---	13.6	50	88.6	52.7

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 31

Report#/Lab ID#: 127634
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	99.5	88-110	---
2-Fluorobiphenyl	8270c	46.9	43-116	---
Nitrobenzene-d5	8270c	41.1	35-114	---
Terphenyl-d14	8270c	50.9	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 127634 Matrix: water
Client: Environmental Tech Group
Project ID: SPS-11 EOT 2022C
Sample Name: MW 31

Attn: Ken Dutton

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Copper/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

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Company Name ETGI
 Address 2540 W MARLAND State NM Zip 88240
 City ALBUQUERQUE
 ATTN: KEN DUTTON
 Phone (505) 261-4822 Fax (505) 261-4701

Bill to (if different):

Company Name ETGI
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

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

Project Name/PO#: SPS-11 Sampler: Lemon

507 2022C

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Water	Waste	Lab I.D. # (Lab only)	Comments
MW 1	3-26-02	1030	2	X		127606	X
MW 2		1120				127607	
MW 3		1110				127608	
MW 4		1005				127609	
MW 6		1210				127610	
MW 7		1015				127611	
MW 9		1250				127612	
MW 10		1050				127613	
MW 11		1040				127614	
MW 12		1200				127615	

Analyses Requested (1)

Please attach explanatory information as required

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

Temp 0.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<u>Ken Case</u>	<u>ETGI</u>	<u>4-2-02</u>	<u>Melanie Humphrey</u>	<u>ASI</u>	<u>4/3/02</u>
					<u>09:45</u>

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

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETGI

Address 2540 W MARLAND

City HOUSTON State NM Zip 88240

ATTN: KEN DUTTON

Phone (505) 477-4422 Fax (505) 477-4701

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

Project Name/PO#: SPS-11 Sampler: Shannon Capen

Bill to (if different):

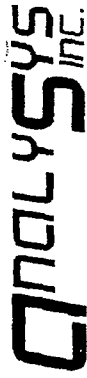
Company Name ETGI

Address

City State Zip

ATTN:

Phone Fax



4221 Freidrich Lane, Suite 190, Austin, TX 78744

Phone: (512) 444-5896

Fax: (512) 447-4766

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Water	Waste	Lab I.D. # (Lab only)	Comments
MW 13	3-26-02	1220	2	X		127616	
MW 14		1410				127617	
MW 15		1400				127618	
MW 16		1310				127619	
MW 17		1430				127620	
MW 18		1420				127621	
MW 19		1100				127622	
MW 20		1135				127623	
MW 21		1145				127624	
MW 22		1240				127625	

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Temp: 0.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Shannon Capen	ETGI	4-2-02 1200	Shannon Capen	ETGI	4/3/02 09:45

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

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETG I

Address 2540 W MAHALAND

City HOUSTON State NM Zip 88240

ATTN: KEN DUTTON

Phone (505) 872-4112 Fax (505) 872-4701

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

Project Name/PO#: SPS-11 Sampler: Simon Cadeo

EOT 2022C

Bill to (if different):

Company Name EOT

Address

City State Zip

ATTN:

Phone Fax

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744

Phone: (512) 444-5896

Fax: (512) 447-4766

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Water/Waste	Lab I.D. # (Lab only)	Comments
MW 23	3-26-02	1350	1	X	127626	X
MW 24		1340			127627	
MW 25		1325			127628	
MW 26		1445			127629	
MW 27		1500			127630	
MW 28		1510	↓		127631	
MW 29		1520	6		127632	X X X
MW 30		1530	6		127633	↓ ↓ ↓
MW 31	✓	1545	6	✓	127634	✓ ↓ ↓

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

Temp: 0.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Simon Cadeo	ETGI	4-2-02 1200	Malcolm Humphrey	ASI	4/3/02 09:45

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

Sample Analysis Case Narrative & Exceptions Report

Client: Environmental Tech. Group Project ID: SPS-11 EOT 2022C

Attn: Ken Dutton

for Sample #'s 127606 thru 127634

Analyzed by AnalySys, Inc.

Final Review Date: 4/24/02 By: R. J. Laster (R.J. Laster)

OTHER: Please note, samples 127632 - 127634
were received and analyzed past holding
time for PAH and TDS.

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

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

Report#/Lab ID#: 131055 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 1

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 13:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	2070	µg/L	100	<100	07/03/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	545	µg/L	100	<100	07/03/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	105	µg/L	1	<1	07/02/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	17.9	µg/L	1	<1	07/02/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	169	µg/L	1	<1	07/02/02	8260b	---	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 1

Report#/Lab ID#: 131055
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	102	88-110	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131056 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 2

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 13:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	1.92	µg/L	1	<1	07/03/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	1.27	µg/L	1	<1	07/02/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	1.27	µg/L	1	<1	07/02/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	2.36	µg/L	1	<1	07/02/02	8260b	---	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 2

Report#/Lab ID#: 131056
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.7	80-120	---
Toluene-d8	8260b	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report# / Lab ID#: 131057 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 3

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 13:39

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	3.25	µg/L	1	<1	07/02/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	1.68	µg/L	1	<1	07/02/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	1.97	µg/L	1	<1	07/02/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	J	1.7	108.5	112.2	111.1
Toluene	4.18	µg/L	1	<1	07/02/02	8260b	---	1.4	89.4	106.3	95

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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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 3

Report#/Lab ID#: 131057
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.4	80-120	---
Toluene-d8	8260b	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131057	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
Sample Name: MW 3		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

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

Report#/Lab ID#: 131058 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 4

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 13:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	13.3	µg/L	1	<1	07/02/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	3.46	µg/L	1	<1	07/02/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	J	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	<1	µg/L	1	<1	07/02/02	8260b	J	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 4

Report#/Lab ID#: 131058
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 131058 **Matrix:** water **Attn:** Ken Dutton
Client: Environmental Tech Group
Project ID: SPS-11 EOT 2022C
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131059 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 6

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 12:03

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	2.9	µg/L	1	<1	07/02/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	J	1.7	109.1	112.3	111.1
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	J	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	1.5	µg/L	1	<1	07/02/02	8260b	---	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 6

Report#/Lab ID#: 131059
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	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#: 131059 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 6

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 131060 Report Date: 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 7
Sample Matrix: water
Date Received: 06/28/2002 Time: 10:30
Date Sampled: 06/26/2002 Time: 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹											
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX											
Benzene	80.9	µg/L	1	<1	07/02/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	59.9	µg/L	1	<1	07/02/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	2.18	µg/L	1	<1	07/02/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	1.05	µg/L	1	<1	07/02/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	6.64	µg/L	1	<1	07/02/02	8260b	---	1.4	89.4	106.3	95

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022C	Report#/Lab ID#: 131060
Attn: Ken Dutton	Sample Name: MW 7	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	102	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131061 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 9

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 11:55

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	836	µg/L	10	<10	07/03/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	481	µg/L	10	<10	07/03/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	185	µg/L	1	<1	07/02/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	<1	µg/L	1	<1	07/02/02	8260b	J	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Lastier

Richard Lastier

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 9

Report#/Lab ID#: 131061
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.3	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131061 **Matrix:** water
Client: Environmental Tech Group
Project ID: SPS-11 EOT 2022C
Sample Name: MW 9
Attn: Ken Dutton

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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☐ 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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

Report#/Lab ID#: 131062 Report Date: 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 10
Sample Matrix: water
Date Received: 06/28/2002 Time: 10:30
Date Sampled: 06/26/2002 Time: 14:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 10

Report#/Lab ID#: 131062
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	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131062 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
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).

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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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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131063 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 11

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 13:09

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	1.42	µg/L	1	<1	07/03/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	3.63	µg/L	1	<1	07/03/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022C	Report#/Lab ID#: 131063
Attn: Ken Dutton	Sample Name: MW 11	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	119	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131064 Report Date: 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 12
Sample Matrix: water
Date Received: 06/28/2002 Time: 10:30
Date Sampled: 06/26/2002 Time: 12:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	20.8	µg/L	1	<1	07/03/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.7	109.1	112.3	111.1
m,p-Xylenes	3.68	µg/L	1	<1	07/03/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	1.37	µg/L	1	<1	07/03/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	2.23	µg/L	1	<1	07/03/02	8260b	---	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 12

Report#/Lab ID#: 131064
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 131064	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
Sample Name: MW 12		

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

Report# / Lab ID#: 131065 Report Date: 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 13
Sample Matrix: water
Date Received: 06/28/2002 Time: 10:30
Date Sampled: 06/26/2002 Time: 12:42

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA ¹											
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	89.4	106.3	95

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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

Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022C Sample Name: MW 13	Report#/Lab ID#: 131065 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	103	88-110	---

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



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

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

Report#/Lab ID#: 131066 Report Date: 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 14
Sample Matrix: water
Date Received: 06/28/2002 Time: 10:30
Date Sampled: 06/26/2002 Time: 12:09

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	5310	µg/L	100	<100	07/04/02	8260b	---	3.2	92	107.3	96.7
Ethylbenzene	495	µg/L	100	<100	07/04/02	8260b	---	1.7	109.1	112.3	111.1
m,p-Xylenes	381	µg/L	100	<100	07/04/02	8260b	---	1.1	108.2	110.9	110.1
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	108.5	112.2	111.1
Toluene	<1	µg/L	1	<1	07/03/02	8260b	J	1.4	89.4	106.3	95

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 14

Report#/Lab ID#: 131066
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	105	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131066	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Report# / Lab ID#: 131067 **Report Date:** 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 15
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/26/2002 **Time:** 12:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	1.02	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022C Sample Name: MW 15	Report#/Lab ID#: 131067 Sample Matrix: water
--	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	118	80-120	---
Toluene-d8	8260b	106	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 131068 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 16

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 11:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	105	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	27.9	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	4.14	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	1.98	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	19.6	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 16

Report#/Lab ID#: 131068
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	101	88-110	---

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



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

Report#/Lab ID#: 131069 Report Date: 07/10/02
Project ID: SPS-11 EOT 2022C
Sample Name: MW 17
Sample Matrix: water
Date Received: 06/28/2002 Time: 10:30
Date Sampled: 06/26/2002 Time: 14:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	15.5	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	14.1	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	6.76	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	3.5	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	20.8	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 17

Report#/Lab ID#: 131069
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	131	80-120	X
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131069	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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

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- ☐ 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
1,2-Dichloroethane-d4	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.
1,2-Dichloroethane-d4	X	

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131070 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 18

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	1.15	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	1.3	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 18

Report#/Lab ID#: 131070
Sample Matrix: water

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.



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Client: Environmental Tech Group

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

Report#/Lab ID#: 131071 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 19

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 14:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022C Sample Name: MW 19	Report#/Lab ID#: 131071 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	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131071 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 19

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

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Sample Bottles & Preservation

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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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Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131072 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 20

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	1.37	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 20

Report#/Lab ID#: 131072
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	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131072	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131073 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 21

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 11:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laister

Richard Laister

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022C	Report#/Lab ID#: 131073
Attn: Ken Dutton	Sample Name: MW 21	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131073 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
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

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

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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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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131074 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 22

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 12:31

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 22

Report#/Lab ID#: 131074
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	100	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131075 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 23

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Respectfully Submitted,

Richard Laister

Richard Laister

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022C	Report#/Lab ID#: 131075
Attn: Ken Dutton	Sample Name: MW 23	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 131076 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 24

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 11:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	870	µg/L	10	<10	07/08/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	7.99	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	1.79	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	J	1.4	105.7	107.9	107.9
Toluene	3.15	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 24

Report#/Lab ID#: 131076
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.1	80-120	---
Toluene-d8	8260b	99.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131076 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: SPS-11 EOT 2022C
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

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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:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131077 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 25

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 11:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b		---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 25

Report#/Lab ID#: 131077
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.

Exceptions Report:

Report #/Lab ID#: 131077 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 2022C
Sample Name: MW 25

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GF AA 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
Benzene	J	See J-flag discussion above.

Notes:



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 131078 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 26

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 14:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	780	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	223	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	118	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	52.8	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	259	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 26

Report#/Lab ID#: 131078
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97	80-120	---
Toluene-d8	8260b	98.3	88-110	---

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



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

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

Report#/Lab ID#: 131079 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 27

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	1.46	µg/L	1	<1	07/08/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	1.55	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	J	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/08/02	8260b	J	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 27

Report#/Lab ID#: 131079
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.1	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131079 Matrix: water Attn: Ken Dutton
Client: Environmental Tech Group
Project ID: SPS-11 EOT 2022C
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131080 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 28

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 15:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	2220	µg/L	100	<100	07/08/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	292	µg/L	100	<100	07/08/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	121	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	52.3	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	43.2	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 28

Report#/Lab ID#: 131080
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	98.4	88-110	---

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



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

Report#/Lab ID#: 131081 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 29

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 15:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	1660	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	109	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	25.8	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 29

Report#/Lab ID#: 131081
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	99.7	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 131082 Report Date: 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 30

Sample Matrix: water

Date Received: 06/28/2002 Time: 10:30

Date Sampled: 06/26/2002 Time: 15:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	2.49	µg/L	1	<1	07/08/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	2.47	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	1.5	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	2.92	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 30

Report#/Lab ID#: 131082
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	100	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 131083 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: MW 31

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 15:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/08/02	8260b	J	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	J	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	J	2.7	91	92.9	94.1

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: MW 31

Report#/Lab ID#: 131083
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.1	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131083	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022C		
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: I31084 **Report Date:** 07/10/02

Project ID: SPS-11 EOT 2022C

Sample Name: EB 1

Sample Matrix: water

Date Received: 06/28/2002 **Time:** 10:30

Date Sampled: 06/26/2002 **Time:** 15:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		07/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.7	90.9	90.2	93.7
Ethylbenzene	<1	µg/L	1	<1	07/03/02	8260b	---	1.1	104.8	107	106.7
m,p-Xylenes	<1	µg/L	1	<1	07/03/02	8260b	---	0.6	104.9	106.8	106.4
o-Xylene	<1	µg/L	1	<1	07/03/02	8260b	---	1.4	105.7	107.9	107.9
Toluene	<1	µg/L	1	<1	07/03/02	8260b	---	2.7	91	92.9	94.1

QUALITY ASSURANCE DATA¹

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Richard Laster

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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 MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022C
Sample Name: EB 1

Report#/Lab ID#: 131084
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.6	80-120	---
Toluene-d8	8260b	99.5	88-110	---

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

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETGI

Address 2540 W. MARLBOROUGH

City HOUSTON State TX Zip 77057

ATTN: ANNE DUTTON

Phone (505) 372-4182 Fax (505) 372-4701

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

Project Name (P#): SPS-11 Sampler: Sharon Casper

ET 2022C

Bill to (if different):

Company Name ETI

Address

City State Zip

ATTN:

Phone Fax

ANALYSYS INC.

4221 Freidrich Lane, Suite 100, Austin, TX 78711

Phone: (512) 434-5896

Fax: (512) 437-4766

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Water/Waste	Soil	Lab I.D. # (Lab only)	Analyses Requested (I)	
							Please attach explanatory information as required	
MW 1	6-26-02	1320	2	X		131055		
MW 2		1330				131056		
MW 3		1339				131057		
MW 4		1350				131058		
MW 6		1203				131059		
MW 7		1400				131060		
MW 9		1155				131061		
MW 10		1410				131062		
MW 11		1309				131063		
MW 12		1250				131064		

When 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, not to be used for any other purpose. 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. Parameters of ASI, HSI, but at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 4.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Sharon Casper	ETGI	6/27/02	Sharon Casper	Analysys Inc.	6/28/02
					10:30

I hereby certify that the above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.

06/10/02 2:43

CHAIN-OF-CUSTODY

ANALYSYS INC.

4221 Friedrich Lane, Suite 190, Austin TX 78711
 Phone (512) 444-5806
 Fax (512) 417-1766

Send Reports To: ETGI
 Company Name ETGI
 Address 2540 W. MARLBOROUGH
 City HOUSTON State TX Zip 77058
 ATTN: DAVID
 Phone (505) 372-4182 Fax (505) 397-4701

Bill to (if different):

Company Name ETGI
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____ Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.): _____
 Project Name: SPS-11 Sampler: Samuel Cases
ETGI 2022C

Chain of Custody					Analyses Requested (1)	
Please attach explanatory information as required						
Heat Sample No.	Date Sampled	Time Sampled	No of Containers	Water/Waste	Lab I.D. # (Lab only)	Comments
MW 13	6/24/02	1242	2	X	131065	
MW 14		1209			131066	
MW 15		1220			131067	
MW 16		1145			131068	
MW 17		1440			131069	
MW 18		1430			131070	
MW 19		1420			131071	
MW 20		1300			131072	
MW 21		1100			131073	
MW 22		1231			131074	

(1) Think of this as the only reliable reference 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 in standard reporting limits (MDF, PDI) (in GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of custody or attached to this chain of custody. ASI will default to Priority Pollutant or ASI's HSM list at ASI's option. Specific compound lists must be supplied for all GC procedures

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Samuel Cases	ETGI	6/27/02	MW	ETGI	6/28/02 10:30

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

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETGI

Address 2540 W MARLBOROUGH

City ALLEN State TX Zip 75013

Phone (505) 872-8182 Fax (505) 872-4701

Rush Status (must be confirmed with lab mgr.)

Project Name/PC# SP5-11 Sampler: Simon Casar

Analyses Requested (1)

Please attach explanatory information as required

Bill to (if different):

Company Name ETGI

Address

City State Zip

ATTN:

Phone Fax

ANALYSYS INC.

4221 Freidrich Lane, Suite 100, Austin, TX 78711
Phone (512) 444 5896
Fax (512) 412-1766

Client Sample No Description/Identification	Date Sampled	Time Sampled	No of Containers	Water/Waste	Soil	Lab I.D. # (Lab only)	Comments
MW 23	6/26/02	1130	2	X		131075	
MW 24		1120				131076	
MW 25		1110				131077	
MW 26		1450				131078	
MW 27		1500				131079	
MW 28		1630				131080	
MW 29		1540				131081	
MW 30		1570				131082	
MW 31		1620				131083	
EB 1		1550				131084	

Analysis performed 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 - normal reporting limits (NML) (Pg 1) For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody ASI will default to Priority Pollutant or VSP, HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 11.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casar	ETGI	6/27/02	1200	Simon Casar	ETGI	6/28/02	10:30

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

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

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

Report#/Lab ID#: 134195 **Report Date:** 10/07/02
Project ID: SPS-11 EOT 2022
Sample Name: MW 1
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 10:05
Date Sampled: 09/25/2002 **Time:** 13:46

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	2600	µg/L	100	<100	10/03/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	402	µg/L	100	<100	10/03/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	104	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	32.6	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	311	µg/L	100	<100	10/03/02	8260b	---	20.6	89.7	93.7	93.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134195
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	107	88-110	---

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134196

Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 2

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 13:36

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	20.6	89.7	93.7	93.1

QUALITY ASSURANCE DATA¹

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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: SPS-11 EOT 2022	Report#/Lab ID#: 134196
Attn: Ken Dutton	Sample Name: MW 2	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	99.6	88-110	---

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



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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134197 Report Date: 10/07/02
Project ID: SPS-11 EOT 2022
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/26/2002 Time: 10:05
Date Sampled: 09/25/2002 Time: 13:29

REPORT OF ANALYSIS

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

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 3	Report#/Lab ID#: 134197 Sample Matrix: water
--	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	99.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134197 Matrix: water Attn: Ken Dutton
Client: Environmental Tech Group
Project ID: SPS-11 EOT 2022
Sample Name: MW 3

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134198 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 4

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 13:21

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	13.5	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	2.69	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	<1	µg/L	1	<1	10/02/02	8260b	J	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	J	20.6	89.7	93.7	93.1

QUALITY ASSURANCE DATA¹

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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: Ken Dutton

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

Report#/Lab ID#: 134198
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	104	88-110	--

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

Exceptions Report:

Report #/Lab ID#: 134198	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022		
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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

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

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

Report#/Lab ID#: 134199 **Report Date:** 10/07/02
Project ID: SPS-11 EOT 2022
Sample Name: MW 6
Sample Matrix: water
Date Received: 09/26/2002 **Time:** 10:05
Date Sampled: 09/25/2002 **Time:** 14:05

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	16.2	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	J	1.4	116.3	118.4	111.9
m,p-Xylenes	<1	µg/L	1	<1	10/02/02	8260b	J	5.9	105.9	110.6	107.7
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	<1	µg/L	1	<1	10/02/02	8260b	J	20.6	89.7	93.7	93.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 6	Report#/Lab ID#: 134199 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	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134199	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134200 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 7

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 11:48

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	154	µg/L	1	<1	10/02/02	8260b	---	21.3	88.3	95.3	112.9
Ethylbenzene	79.2	µg/L	1	<1	10/02/02	8260b	---	1.4	116.3	118.4	111.9
m,p-Xylenes	5.94	µg/L	1	<1	10/02/02	8260b	---	5.9	105.9	110.6	107.7
o-Xylene	3.04	µg/L	1	<1	10/02/02	8260b	---	3.3	97.2	99.7	96.8
Toluene	13.4	µg/L	1	<1	10/02/02	8260b	---	20.6	89.7	93.7	93.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134200
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	100	88-110	---

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



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Client: Environmental Tech Group

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

Report#/Lab ID#: 134201 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 9

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 13:55

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	710	µg/L	10	<10	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	199	µg/L	1	<1	10/02/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	3.41	µg/L	1	<1	10/02/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	1.89	µg/L	1	<1	10/02/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022	Report#/Lab ID#: 134201
Attn: Ken Dutton	Sample Name: MW 9	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	101	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134202 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 10

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 11:54

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	2.08	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	2.19	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022	Report#/Lab ID#: 134202
Attn: Ken Dutton	Sample Name: MW 10	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91	80-120	---
Toluene-d8	8260b	101	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134203 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 11

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 11:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	1.14	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	3.57	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134203
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.3	80-120	---
Toluene-d8	8260b	99.6	88-110	---

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



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

Report#/Lab ID#: 134204 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 12

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 11:13

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	60.3	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	1.87	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	11.3	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	3.42	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	9.44	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 12	Report#/Lab ID#: 134204 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	101	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
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Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 134205 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 13

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 10:43

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	2.16	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 13	Report#/Lab ID#: 134205 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	101	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
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NM 88240

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

Report#/Lab ID#: 134206 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 14

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 10:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	4290	µg/L	100	<100	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	309	µg/L	100	<100	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	194	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	J	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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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.



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

Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 14	Report#/Lab ID#: 134206 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134206 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: SPS-11 EOT 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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134207

Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 15

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 11:01

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	2.48	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134207
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.3	80-120	---
Toluene-d8	8260b	100	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 134208 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 16

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 10:25

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	201	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	30.4	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	13.4	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	4.9	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	71.6	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022	Report#/Lab ID#: 134208
Attn: Ken Dutton	Sample Name: MW 16	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	102	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 134209 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 17

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 12:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	38.4	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	24.9	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	13.5	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	5.46	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	38.7	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

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Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134209
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	103	88-110	---

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



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Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134210 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 18

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 12:07

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b		---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	J	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 18	Report#/Lab ID#: 134210 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.5	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134210	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 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 TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134211 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 19

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 12:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	J	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134211
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.1	80-120	---
Toluene-d8	8260b	98.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134211	Matrix: water	Attn: Ken Dutton
Client: Environmental Tech Group		
Project ID: SPS-11 EOT 2022		
Sample Name: MW 19		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 134212 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 20

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 11:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	1.13	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134212
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	100	88-110	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134213

Project ID: SPS-11 EOT 2022

Sample Name: MW 21

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 11:24

Report Date: 10/07/02

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	1.27	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	1.58	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134213
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	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#: 134214 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 22

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 10:33

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022	Report#/Lab ID#: 134214
Attn: Ken Dutton	Sample Name: MW 22	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	98.2	88-110	---

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



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Report#/Lab ID#: 134215

Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 23

Sample Matrix: water

Date Received: 09/26/2002

Time: 10:05

Date Sampled: 09/25/2002

Time: 10:14

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134215
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.8	80-120	---
Toluene-d8	8260b	98.9	88-110	---

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



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Report#/Lab ID#: 134216

Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 24

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 10:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	1080	µg/L	10	<10	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	14	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	111.6
m,p-Xylenes	8.5	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	2.86	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	17.2	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 24	Report#/Lab ID#: 134216 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	101	88-110	---

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



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

Report#/Lab ID#: 134217 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 25

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 09:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	1	99.1	86.5	95.3

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134217
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109.	80-120	---
Toluene-d8	8260b	100	88-110	---

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



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

Report#/Lab ID#: 134218 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 26

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 12:23

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	1420	µg/L	100	<100	10/03/02	8260b	---	3.6	128.8	87.3	121.3
Ethylbenzene	384	µg/L	100	<100	10/03/02	8260b	---	2.2	110.2	117.8	110.6
m,p-Xylenes	196	µg/L	1	<1	10/03/02	8260b	---	2.1	101.5	107.2	101.9
o-Xylene	74.1	µg/L	1	<1	10/03/02	8260b	---	2.7	90.3	97.1	91.9
Toluene	551	µg/L	100	<100	10/03/02	8260b	---	1	99.1	86.5	95.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 26	Report#/Lab ID #: 134218 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	97.6	88-110	---

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



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

Report#/Lab ID#: 134219 Report Date: 10/07/02
Project ID: SPS-11 EOT 2022
Sample Name: MW 27
Sample Matrix: water
Date Received: 09/26/2002 Time: 10:05
Date Sampled: 09/25/2002 Time: 12:34

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/02/02	8260b	---	0.4	103.2	82.6	104.5
Ethylbenzene	<1	µg/L	1	<1	10/02/02	8260b	---	0.7	96	102.2	100.6
m,p-Xylenes	<1	µg/L	1	<1	10/02/02	8260b	---	3.1	97.5	102.5	100
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.4	95.7	101.2	97.3
Toluene	<1	µg/L	1	<1	10/02/02	8260b	---	0.2	83.9	84.8	86.5

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 27	Report#/Lab ID#: 134219 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.7	80-120	---
Toluene-d8	8260b	100	88-110	---

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



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

Report#/Lab ID#: 134220 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 28

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 12:51

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	3310	µg/L	100	<100	10/03/02	8260b	---	0.4	103.2	82.6	104.5
Ethylbenzene	506	µg/L	100	<100	10/03/02	8260b	---	0.7	96	102.2	100.6
m,p-Xylenes	257	µg/L	1	<1	10/02/02	8260b	---	3.1	97.5	102.5	100
o-Xylene	87.5	µg/L	1	<1	10/02/02	8260b	---	3.4	95.7	101.2	97.3
Toluene	59.9	µg/L	1	<1	10/02/02	8260b	---	0.2	83.9	84.8	86.5

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134220
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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



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

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

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

Report#/Lab ID#: 134221

Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 29

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 12:44

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		10/02/02	8260b	---	---	---	---	---
Benzene	4330	µg/L	100	<100	10/03/02	8260b	---	0.4	103.2	82.6	104.5
Ethylbenzene	86.8	µg/L	1	<1	10/02/02	8260b	---	0.7	96	102.2	100.6
m,p-Xylenes	18.6	µg/L	1	<1	10/02/02	8260b	---	3.1	97.5	102.5	100
o-Xylene	<1	µg/L	1	<1	10/02/02	8260b	---	3.4	95.7	101.2	97.3
Toluene	1.23	µg/L	1	<1	10/02/02	8260b	---	0.2	83.9	84.8	86.5

QUALITY ASSURANCE DATA¹

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Richard Laster

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

Client: Environmental Tech Group	Project ID: SPS-11 EOT 2022	Report#/Lab ID#: 134221
Attn: Ken Dutton	Sample Name: MW 29	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	101	88-110	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134222 **Report Date:** 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: MW 30

Sample Matrix: water

Date Received: 09/26/2002 **Time:** 10:05

Date Sampled: 09/25/2002 **Time:** 12:27

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	0.4	103.2	82.6	104.5
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	0.7	96	102.2	100.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	3.1	97.5	102.5	100
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	3.4	95.7	101.2	97.3
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	0.2	83.9	84.8	86.5

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Ken Dutton	Project ID: SPS-11 EOT 2022 Sample Name: MW 30	Report#/Lab ID#: 134222 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.1	80-120	---
Toluene-d8	8260b	102	88-110	---

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



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

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

Report#/Lab ID#: 134223 Report Date: 10/07/02
Project ID: SPS-11 EOT 2022
Sample Name: MW 31
Sample Matrix: water
Date Received: 09/26/2002 Time: 10:05
Date Sampled: 09/25/2002 Time: 12:38

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	0.4	103.2	82.6	104.5
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	0.7	96	102.2	100.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	3.1	97.5	102.5	100
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	3.4	95.7	101.2	97.3
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	0.2	83.9	84.8	86.5

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

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

Report#/Lab ID#: 134223
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
I,2-Dichloroethane-d4	8260b	92.7	80-120	---
Toluene-d8	8260b	102	88-110	---

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



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134224 Report Date: 10/07/02

Project ID: SPS-11 EOT 2022

Sample Name: EB-1

Sample Matrix: water

Date Received: 09/26/2002 Time: 10:05

Date Sampled: 09/25/2002 Time: 14:09

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		10/03/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	10/03/02	8260b	---	0.4	103.2	82.6	104.5
Ethylbenzene	<1	µg/L	1	<1	10/03/02	8260b	---	0.7	96	102.2	100.6
m,p-Xylenes	<1	µg/L	1	<1	10/03/02	8260b	---	3.1	97.5	102.5	100
o-Xylene	<1	µg/L	1	<1	10/03/02	8260b	---	3.4	95.7	101.2	97.3
Toluene	<1	µg/L	1	<1	10/03/02	8260b	---	0.2	83.9	84.8	86.5

QUALITY ASSURANCE DATA¹

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

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: SPS-11 EOT 2022
Sample Name: EB-1

Report#/Lab ID#: 134224
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

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

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

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETG I
 Address 2540 W MANLAND
 City HOUSTON State TX Zip 77050
 ATTN: ALAN DUNN
 Phone (505) 397-8182 Fax (505) 397-4701

Bill to (if different):

Company Name GOIT
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

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

Project Name/PO#: SPS-11 Sampler: Maurelio Cuapaa

GOIT-2022

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)
<u>PO1 1</u>	<u>7/25/02</u>	<u>1346</u>	<u>2</u>		<u>X</u>		<u>134195</u>
<u>PO1 2</u>		<u>1336</u>	<u>1</u>				<u>134196</u>
<u>PO1 3</u>		<u>1329</u>	<u>1</u>				<u>134197</u>
<u>PO1 4</u>		<u>1321</u>					<u>134198</u>
<u>PO1 6</u>		<u>1405</u>					<u>134199</u>
<u>PO1 7</u>		<u>1148</u>					<u>134200</u>
<u>PO1 9</u>		<u>1355</u>					<u>134201</u>
<u>PO1 10</u>		<u>1154</u>					<u>134202</u>
<u>PO1 11</u>		<u>1140</u>					<u>134203</u>
<u>PO1 12</u>	<u>✓</u>	<u>1113</u>	<u>✓</u>		<u>✓</u>		<u>134204</u>

Unless specifically requested otherwise on this Chain of custody and/or attached documentation, all analyses will be conducted using AST's method of choice and all of our samples will be analyzed by AST's laboratory. 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, AST's default list will be used. Specific compound lists must be supplied for all GC procedures.

Temp: 2.8°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<u>Maurelio Cuapaa</u>	<u>ETG I</u>	<u>7/25/02</u>	<u>Maurelio Cuapaa</u>	<u>AST</u>	<u>9/24/02</u>

I, the undersigned, hereby certify that the above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/supplier to AnalySys, Inc. for custody and analysis.

COC: 172
ANALYSYS
 INC.

4221 Friedrich Lane, Suite 100 Austin TX 78741
 Phone: (512) 411-8800
 Fax: (512) 411-1100

Analyses Requested (1)

Please attach explanatory information as requested

Comments
<u>ETG-2022</u>

CHAIN-OF-CUSTODY

Send Reports To:

Company Name E.T.G. I.

Address 2540 W. MANALAND

City SPRINGFIELD State IL Zip 62740

ATTN: ANNE DUTTON

Phone (618) 272-8882 Fax (618) 397-4701

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

Project Name/Port: SPS-11 Sampler: Marcelo Campos

ECT-2022

Bill to (if different):

Company Name EOT

Address

City State Zip

ATTN:

Phone Fax

COC: 172
ANALYSYS INC.

4221 Fieldcroft Lane, Suite 100, Austin, TX 78711

Phone: (512) 411-5806

Fax: (512) 411-4700

Analyses Requested (1)

Please attach explanatory information on reverse page.

Client Sample No.	Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
13	mw	7-25-02	1043	2		X		134205	X
14	mw		1050					134206	
15	mw		1101					134207	
16	mw		1025					134208	
19	mw		1215					134209	
18	mw		1207					134210	
19	mw		1200					134211	
20	mw		1136					134212	
21	mw		1124					134213	
22	mw		1033					134214	

Labile Volatiles (petroleum and other volatile organic compounds) are analyzed using GC/MS. 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, the following list of parameters shall be used. Specific compound lists must be supplied for all GC procedures.

Temp: 2.8°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Marcelo Campos	E.T.G. I.	7/25/02	Malcolm Thompson	ASI	7/26/02

I, the undersigned, hereby certify that the above described samples were analyzed by AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms and conditions.

CHAIN-OF-CUSTODY

Send Reports To:

Company Name ETG
 Address 2540 W. MARSHALL
 City ABERDEEN State NM Zip 88240
 ATTN: ALAN RUTHERFORD
 Phone (505) 392-4182 Fax (505) 392-4701

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

Project Name/PO#: SPS-11 Sampler: Marathon Campus

LOT-2022

Bill to (if different):

Company Name ETG
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

CDC 172
ANALYSYS
 INC.

4221 Breckinridge Lane, Suite 100, Austin, TX 78741
 Phone: (512) 411-6900
 Fax: (512) 411-3400

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Analyses Requested (1)			Lab I.D. # (Lab only)	Comments
				Water	Soil	Waste		
MW 23	7-25-02	10:14	2	X			134215	
MW 24		10:05	1				134216	
MW 25		09:50	1				134217	
MW 26		12:23	1				134218	
MW 27		12:34	1				134219	
MW 28		12:51	1				134220	
MW 29		12:44	1				134221	
MW 30		12:27	1				134222	
MW 31		12:38	1				134223	
EB-1		14:09	1				134224	

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 the client. For GC, MS, volatiles and extractables, unless specific analytical parameters are specified on this chain of custody or attached to this chain of custody, ASI will use the standard GC procedures. Specific compound lists must be supplied for all GC procedures.

Temp: 28°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
M. J. L. Lopez	ETG	7/25/02	M. J. L. Lopez	ASL	7/26/02

I, the undersigned, hereby certify that the above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/supplier to AnalySys, Inc.'s standard terms and conditions.



3512 Montopolis Drive, Austin, TX 78741 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland
Hobbs

NM 88240

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

Report# / Lab ID#: 137521

Project ID: SPS 11 EQ 2022

Sample Name: MW 1

Sample Matrix: water

Date Received: 12/18/2002 Time: 13:10

Date Sampled: 12/10/2002 Time: 13:15

Report Date: 01/02/03

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Free ⁸	Recovery ³	CV ⁴	ICS ¹
Volatile organics-8260b/3TEX	---	---	---	---	12/21/02	8260b	---	---	---	---	---
Benzene	1610	µg/L	10	<10	12/21/02	8260b	---	5.5	117	160.8	100.0
Ethylbenzene	248	µg/L	10	<10	12/21/02	8260b	---	1.5	99.3	90.7	88.6
m,p-Xylenes	80.6	µg/L	10	<10	12/21/02	8260b	---	1.8	88.4	86.0	87.9
o-Xylene	22.1	µg/L	10	<10	12/21/02	8260b	---	0.7	91.3	89.1	91.6
Toluene	307	µg/L	10	<10	12/21/02	8260b	---	7.3	91.3	90.5	88

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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

Client: Environmental Tech Group	Project ID: SPS 11 EO 2022	Report #/Lab ID: 11-2022
Attn: Robert Edison	Sample Name: MW 1	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	101	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: Robert Edison

Address: 2540 W. Marland

Hobbs

NM 88240

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

Report#/Lab ID#: 137522 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 2

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 09:37

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/13TEX	---		---		12/20/02	8260b					
Benzene	<1	µg/L	1	<1	12/20/02	8260b	J	7.9	88.5	86.6	80.3
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b		3.7	111.2	111.2	105.4
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b		5.7	108.3	107.3	99.7
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b		4.6	112.2	110.7	105.4
Toluene	<1	µg/L	1	<1	12/20/02	8260b		12.0	191	90.1	88.7

QUALITY ASSURANCE DATA¹

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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 (PP) is the difference of the relative percent (%) difference between duplicate measurements. 3. Precision (P) is the precision of the recovered from a spiked sample. 4. Calibration Verification (CV%) and 1 above may Control Sample. 5. Precision (P) is expressed as the percent (%) recovery of analyte from a known standard or matrix. 6. Precision (P) is the difference of the (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 7. Method number typically denote USEPA procedures. Less than (---) values reflect nominal quantitation limit (L) for any reported dilutions. 8. Data Qualifiers are J = analyte potentially present between the PQL and the MQL. P = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceeds advisory limit. S2 = Total detection limit. 1 PQL recovery exceeds advisory limit. S3 =MS and/or MSD and PHS recovery exceeds advisory limit. P = Total detection limit. M =Matrix interference.



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Client: Environmental Tech Group
Attn: Robert Edison

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

Report #/ Lab ID #: 13-553
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.3	80-120	---
Toluene-d8	8260b	97.3	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137522	Matrix: water	Attn: Robert Edison
Client: Environmental Tech Group		
Project ID: SPS 11 EO 2022		
Sample Name: MW 2		

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:



3512 Montopolis Drive, Austin, TX 78744 &
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Client: Environmental Tech Group
Attn: Robert Edison
Address: 2540 W. Mariland
Hobbs NM 88240

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

Report#/Lab ID#: 137522 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 3

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 09:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ⁸	Recov. ⁹	CCV ⁴	ICS ¹
Volatile organics-82600/81EX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/21/02	8260b	J	5.8	96.3	0.1	95.8
Ethylbenzene	<1	µg/L	1	<1	12/21/02	8260b	---	0.9	97.2	100.5	100.2
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	---	0.6	95.3	97.3	99.3
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.1	100.2	101.8	103.9
Toluene	<1	µg/L	1	<1	12/21/02	8260b	---	5.8	102.7	101.5	102

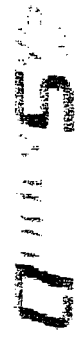
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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (P) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percentage 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. Reposition (Reposition Limit) (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method number typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits, also listed for an applicable dilution. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MQL. R = Analyte detected to associated method blank(s). S1 = MS and/or MSD recovery exceeds advisory limit. S2 = Post digestion spike detected to recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recovery exceeds advisory limit. P = Precision higher than advisory limit. M = Matrix interference.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 3	Report#/Lab ID#: 137523 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	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137523	Matrix: water
Client: Environmental Tech Group	Attn: Robert Edison
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 (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	Qualifier	Comment
Benzene	J	See J-flag discussion above.

Notes:

QUALITY

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 137524 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 4

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 10:06

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	1.1	µg/L	1	<1	12/20/02	8260b	---	7.9	88.5	86.6	80.3
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	3.7	111.2	111.2	105.4
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	---	5.7	108.3	107.3	99.7
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	---	4.6	112.2	110.7	105.4
Toluene	<1	µg/L	1	<1	12/20/02	8260b	---	12.9	101	90.1	88.7

QUALITY ASSURANCE DATA¹

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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 (PQL) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent of test 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 number 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 MQL; 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.

01/11/2003

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Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 4	Report#/Lab ID#: 137524 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.9	80-120	---
Toluene-d8	8260b	96.9	88-110	---

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

CHILLAS

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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Markland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 137525

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 6

Sample Matrix: water

Date Received: 12/18/2002

Time: 14:30

Date Sampled: 12/10/2002

Time: 08:46

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CVV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/21/02	8260b	---	5.8	96.3	94	95.8
Ethylbenzene	<1	µg/L	1	<1	12/21/02	8260b	---	0.9	97.2	100.5	100.7
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	---	0.6	95.3	97.3	99.3
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.1	100.2	101.8	103.9
Toluene	<1	µg/L	1	<1	12/21/02	8260b	---	5.8	102.7	101.5	102

QUALITY ASSURANCE DATA¹

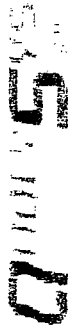
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Respectfully Submitted,

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 (CVV) 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 number 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 MQL. H = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion (pile of PHS) recovery exceeds advisory limit. S3 = MS and/or MSD and PHS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137525
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	101	88-110	---

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



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Client: Environmental Tech Group

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Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 137526

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 7

Sample Matrix: water

Date Received: 12/18/2002

Time: 14:30

Date Sampled: 12/10/2002

Time: 12:18

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CVV ⁴	LCS ⁴
Volatile organics-8260b/13TEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	66.4	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	54.2	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	3.73	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	1.37	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	6.86	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

QUALITY ASSURANCE DATA¹

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

1. Quality assurance data is for the sample batch which included this sample. 2. Precision of PRC is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent of total and to recovered from a spiked sample. 4. Calibration Verification (CVV) 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 interferences typically denote USEPA procedures. Less than "<" values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are: 1 = analyte potentially present between the PQL and the MQL; 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.

01/11/03

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 (512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 7	Report#/Lab ID#: 137526 Sample Matrix: water
---	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2 Dichloroethane-d4	8260b	95.3	80-120	---
Toluene-d8	8260b	91.5	88-110	---

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



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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137527 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 9
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/10/2002 Time: 12:56

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics 8260b/STEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	1010	µg/L	10	<10	12/21/02	8260b	---	5.8	96.3	94	95.8
Ethylbenzene	36.9	µg/L	10	<10	12/21/02	8260b	---	0.9	97.2	100.5	100.7
m,p-Xylenes	17.2	µg/L	1	<1	12/21/02	8260b	---	0.6	95.3	97.3	99.3
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.1	100.2	101.8	103.9
Toluene	<1	µg/L	1	<1	12/21/02	8260b	J	5.8	102.7	101.5	102

This analytical report is respectfully submitted by Analytix, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with Analytix, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, Analytix, 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 Analytix, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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 number. 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 MFL. R = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Fast digestion spike (FDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	Project ID: SPS 11 EO 2022	Report#/Lab ID#: 137327
Attn: Robert Edison	Sample Name: MW 9	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	107	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137527	Matrix: water	Attn: Robert Edison
Client: Environmental Tech Group		
Project ID: SPS 11 EO 2022		
Sample Name: NW 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:

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(512) 385-5886 • FAX (512) 385-7411

Report# / Lab ID#: 137528 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 10
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/10/2002 Time: 10:45

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

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CVV ⁴	ICS ⁴
Volatile organics-8260b/BTEX					12/20/02	8260b					
Benzene	1.09	µg/L	1	<1	12/20/02	8260b		4.1	81	83	85.6
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	J	2.4	103.5	109.1	96.9
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	J	1.9	99.5	102.1	109.3
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b		2	103	108.1	109.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b	J	3.5	89.9	92.8	97.6

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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 (P) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent of total analyte recovered from a spiked sample. 4. Calibration Verification (CVV) 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 number 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 MQL. 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 limit. P = Precision higher than advisory limit. M = Matrix interference.

71115

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 Edison

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

Report#/Lab ID#: 137528
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.9	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137528	Matrix: water	Attn: Robert Edison
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.
☐ 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	Qualifier	Comment
Edy Benzene	J	See J-flag discussion above.
m,p Xylenes	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 137529 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 11

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 10:36

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LC S ¹
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/21/02	8260b	J	5.8	96.3	94	95.8
Ethylbenzene	2.1	µg/L	1	<1	12/21/02	8260b	---	0.9	97.2	100.5	100.7
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	---	0.6	95.3	97.3	99.3
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.1	100.2	101.8	103.9
Toluene	<1	µg/L	1	<1	12/21/02	8260b	---	5.8	102.7	101.5	102

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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 (P.P.P.) 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 number 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 MQL; 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; NI = Matrix interference.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 11	Report#/Lab ID#: 137529 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137529	Matrix: water	Attn: Robert Edison
Client: Environmental Tech Group		
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

- ☒ 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 level elutriants 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
Borene	J	See J-flag discussion above.

Notes:

ANALYSIS

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

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

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

Report#/Lab ID#: 137530 **Report Date:** 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 12

Sample Matrix: water

Date Received: 12/18/2002 **Time:** 14:30

Date Sampled: 12/09/2002 **Time:** 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatiles organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	15.9	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	7.63	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	2.74	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	6.2	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

QUALITY ASSURANCE DATA¹

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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 (PP1 CC) 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 number typically denote USEPA procedures. Less than " $<L$ " values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MQL. 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: SPS 11 EO 2022	Report#/Lab ID#: 137530
Attn: Robert Edison	Sample Name: MW 12	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichlorobenzene-d4	8260b	84.4	80-120	---
Toluene-d8	8260b	96.6	88-110	---

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



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

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

Report#/Lab ID#: 137531 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 13
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/09/2002 Time: 14:31

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137531
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.4	80-120	---
Toluene-d8	8260b	100	88-110	---

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



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland
Hobbs

NM 88240

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

Report#/Lab ID#: 137532

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 14

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 13:26

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	2.70	µg/L	100	<100	12/21/02	8260b	---	5.8	96.3	94	95.8
Ethylbenzene	12.3	µg/L	2	<2	12/21/02	8260b	---	0.9	97.2	100.5	100.7
m,p-Xylenes	96.6	µg/L	2	<2	12/21/02	8260b	---	0.6	95.3	97.3	99.3
o-Xylene	<2	µg/L	2	<2	12/21/02	8260b	J	0.1	100.2	101.8	103.9
Toluene	<2	µg/L	2	<2	12/21/02	8260b	---	5.8	102.7	101.5	102

QUALITY ASSURANCE DATA¹

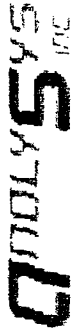
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All 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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Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 14	Report#/Lab ID#: 137532 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	104	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137532	Matrix: water	Attn: Robert Edison
Client: Environmental Tech Group		
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 (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 137533

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 15

Sample Matrix: water

Date Received: 12/18/2002

Time: 14:30

Date Sampled: 12/09/2002

Time: 13:47

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

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Respectfully Submitted,

Richard Laster

Richard Laster

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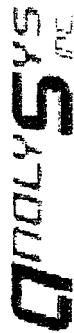
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	Project ID: SPS 11 EO 2022	Report#/Lab ID#: 137533
Attn: Robert Edison	Sample Name: MW 15	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.1	80-120	---
Toluene-d8	8260b	97.1	88-110	---

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



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

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NM 88240

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

Report#/Lab ID#: 137534

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 16

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 12:41

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	48.9	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	16	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	5.25	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	2.1	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	25.9	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 16	Report#/Lab ID#: 137534 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.9	80-120	---
Toluene-d8	8260b	97.7	88-110	---

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



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland
Hobbs

NM 88240

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

Report#/Lab ID#: 137535 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 17

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 12:43

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---	---	---	---	12/20/02	8260b	---	---	---	---	---
Benzene	8.04	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	7.54	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	5.38	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	2.55	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	12.6	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

QUALITY ASSURANCE DATA¹

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 17	Report#/Lab ID#: 137515 Sample Matrix: water
---	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.4	80-120	---
Toluene-d8	8260b	95.7	88-110	---

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



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

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

Report#/Lab ID#: 137536 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 18
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/10/2002 Time: 11:12

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/20/02	8260b	---	4.1	81	83	85.6
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	2.4	103.5	109.1	96.9
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	---	1.9	99.5	102.1	109.3
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	---	2	103	108.1	109.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b	---	3.5	89.9	92.8	97.6

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137536
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.5	80-120	---
Toluene-d8	8260b	98.8	88-110	---

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



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

Hobbs

NM 88240

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

Report#/Lab ID#: 137537 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 19

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 10:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		12/20/02	8260b		---	---	---	---
Benzene	<1	µg/L	1	<1	12/20/02	8260b	J	4.1	81	83	85.6
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b		2.4	103.5	109.1	96.9
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b		1.9	99.5	102.1	109.3
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b		2	103	108.1	109.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b		3.5	89.9	92.8	97.6

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137537
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	83.3	80-120	---
Toluene-d8	8260b	109	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137537	Matrix: water	Attn: Robert Edison
Client: Environmental Tech Group		
Project ID: SPS I1 EO 2022		
Sample Name: MW 19		

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:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

Hobbs

NM 88240

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

Report#/Lab ID#: 137538

Project ID: SPS 11 EO 2022

Sample Name: MW 20

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 09:20

Report Date: 01/02/03

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	1.4	µg/L	1	<1	12/21/02	8260b	---	5.5	112	109.8	109.2
Ethylbenzene	<1	µg/L	1	<1	12/21/02	8260b	---	1.5	90.3	90.2	88.6
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	J	1.8	88.4	86.9	87.9
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.7	91.3	89.1	91.6
Toluene	<1	µg/L	1	<1	12/21/02	8260b	J	7.3	91.3	90.5	88

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137538
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	104	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137538 Matrix: water
Client: Environmental Tech Group Attn: Robert Edison
Project ID: SPS 11 EO 2022
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).

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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:



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Client: Environmental Tech Group

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NM 88240

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

Report#/Lab ID#: 137539 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 21

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 09:07

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	1.11	µg/L	1	<1	12/21/02	8260b	---	5.8	96.3	94	95.8
Ethylbenzene	<1	µg/L	1	<1	12/21/02	8260b	J	0.9	97.2	100.5	100.7
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	---	0.6	95.3	97.3	99.3
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.1	100.2	101.8	103.9
Toluene	<1	µg/L	1	<1	12/21/02	8260b	---	5.8	102.7	101.5	102

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137539
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	105	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137539 Matrix: water
Client: Environmental Tech Group
Project ID: SPS 11 EO 2022
Sample Name: MW 21

Attn: Robert Edison

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 submersion in a tranner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
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Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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

Report#/Lab ID#: 137540 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 22

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/09/2002 Time: 14:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/21/02	8260b	---	5.5	112	109.8	109.2
Ethylbenzene	<1	µg/L	1	<1	12/21/02	8260b	---	1.5	90.3	90.2	88.6
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	---	1.8	88.4	86.9	87.9
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.7	91.3	89.1	91.6
Toluene	<1	µg/L	1	<1	12/21/02	8260b	---	7.3	91.3	90.5	88

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Respectfully Submitted,

Richard Lasten

Richard Lasten

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137540
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	103	88-110	---

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



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

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

Report#/Lab ID#: 137541 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 23
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/09/2002 Time: 13:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/21/02	8260b	---	5.5	112	109.8	109.2
Ethylbenzene	<1	µg/L	1	<1	12/21/02	8260b	---	1.5	90.3	90.2	88.6
m,p-Xylenes	<1	µg/L	1	<1	12/21/02	8260b	---	1.8	88.4	86.9	87.9
o-Xylene	<1	µg/L	1	<1	12/21/02	8260b	---	0.7	91.3	89.1	91.6
Toluene	<1	µg/L	1	<1	12/21/02	8260b	---	7.3	91.3	90.5	88

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 23	Report#/Lab ID#: 137541 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	104	88-110	---

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



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

Report#/Lab ID#: 137542 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 24

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 13:14

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	1.390	µg/L	50	<50	12/24/02	8260b	---	5.5	112	109.8	109.2
Ethylbenzene	11.7	µg/L	1	<1	12/21/02	8260b	---	1.5	90.3	90.2	88.6
m,p-Xylenes	7.3	µg/L	1	<1	12/21/02	8260b	---	1.8	88.4	86.9	87.9
o-Xylene	2.46	µg/L	1	<1	12/21/02	8260b	---	0.7	91.3	89.1	91.6
Toluene	21.1	µg/L	1	<1	12/21/02	8260b	---	7.3	91.3	90.5	88

QUALITY ASSURANCE DATA¹

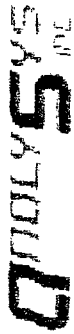
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Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137542
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	106	88-110	---

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



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

Report#/Lab ID#: 137543

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 25

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/09/2002 Time: 13:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/20/02	8260b	---	1.5	114.7	112.1	119.5
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	1.9	86.3	86.4	87.2
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	---	1	85.5	84.5	83.4
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	---	0.2	89.2	86.3	86.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b	---	2.9	95.7	88.1	98.3

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137543
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	100	88-110	---

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



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Report#/Lab ID#: 137544 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 26

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 14:05

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	1390	µg/L	10	<10	12/21/02	8260b	---	0.6	111.9	116.6	114.2
Ethylbenzene	155	µg/L	10	<10	12/21/02	8260b	---	0.3	87.2	88.1	88.6
m,p-Xylenes	182	µg/L	10	<10	12/21/02	8260b	---	0.5	86.5	86.5	88
o-Xylene	99.6	µg/L	10	<10	12/21/02	8260b	---	0.4	89.6	89.1	90.7
Toluene	691	µg/L	10	<10	12/21/02	8260b	---	2.3	94.3	95.3	95.4

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137514
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	100	88-110	---

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



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

Report#/Lab ID#: 137545 Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 27

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 11:32

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/20/02	8260b	J	1.5	114.7	112.1	119.5
Ethylbenzene	<1	µg/L	1	<1	12/20/02	8260b	---	1.9	86.3	86.4	87.2
m,p-Xylenes	<1	µg/L	1	<1	12/20/02	8260b	J	1	85.5	84.5	83.4
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	---	0.2	89.2	86.3	86.7
Toluene	<1	µg/L	1	<1	12/20/02	8260b	---	2.9	95.7	88.1	98.3

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137545
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	80-120	---
Toluene-d8	8260b	105	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137545	Matrix: water	Attn: Robert Edison
Client: Environmental Tech Group		
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

- ☒ 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.

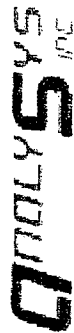
J flag Discussion

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.
m,p-Xylenes	J	See J-flag discussion above.

Notes:



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Report#/Lab ID#: 137546

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 28

Sample Matrix: water

Date Received: 12/18/2002 Time: 14:30

Date Sampled: 12/10/2002 Time: 14:25

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/21/02	8260b	---	---	---	---	---
Benzene	2120	µg/L	10	<10	12/21/02	8260b	---	0.6	111.9	116.6	114.2
Ethylbenzene	125	µg/L	10	<10	12/21/02	8260b	---	0.3	87.2	88.1	88.6
m,p-Xylenes	46.7	µg/L	10	<10	12/21/02	8260b	---	0.5	86.5	86.5	88
o-Xylene	18	µg/L	10	<10	12/21/02	8260b	---	0.4	89.6	89.1	90.7
Toluene	25	µg/L	10	<10	12/21/02	8260b	---	2.3	94.3	95.3	95.4

QUALITY ASSURANCE DATA¹

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Richard Laster

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Client: Environmental Tech Group	Project ID: SPS 11 EO 2022	Report#/Lab ID#: 1375-16
Attn: Robert Edison	Sample Name: MW 28	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	101	88-110	---

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



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Client: Environmental Tech Group

Attn: Robert Edison

Address: 2540 W. Marland

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NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 137547

Report Date: 01/02/03

Project ID: SPS 11 EO 2022

Sample Name: MW 29

Sample Matrix: water

Date Received: 12/18/2002

Time: 14:30

Date Sampled: 12/10/2002

Time: 14:38

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/20/02	8260b	---	---	---	---	---
Benzene	5.660	µg/L	50	<50	12/23/02	8260b	---	1.5	114.7	112.1	119.5
Ethylbenzene	1.3.8	µg/L	1	<1	12/20/02	8260b	---	1.9	86.3	86.4	87.2
m,p-Xylenes	5.28	µg/L	1	<1	12/20/02	8260b	---	1	85.5	84.5	83.4
o-Xylene	<1	µg/L	1	<1	12/20/02	8260b	J	0.2	89.2	86.3	86.7
Toluene	3.28	µg/L	1	<1	12/20/02	8260b	---	2.9	95.7	88.1	98.3

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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 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



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

Client: Environmental Tech Group Attn: Robert Edison	Project ID: SPS 11 EO 2022 Sample Name: MW 29	Report#/Lab ID#: 137547 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	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137547 Matrix: water

Client: Environmental Tech Group

Project ID: SPS 11 EO 2022

Sample Name: MW 29

Attn: Robert Edison

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

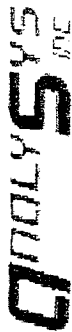
J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:



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 Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 137548 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 30
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/10/2002 Time: 11:22

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/23/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/23/02	8260b	J	1.5	114.7	112.1	119.5
Ethylbenzene	<1	µg/L	1	<1	12/23/02	8260b	---	1.9	86.3	86.4	87.2
m,p-Xylenes	<1	µg/L	1	<1	12/23/02	8260b	---	1	85.5	84.5	83.4
o-Xylene	<1	µg/L	1	<1	12/23/02	8260b	---	0.2	89.2	86.3	86.7
Toluene	<1	µg/L	1	<1	12/23/02	8260b	---	2.9	95.7	88.1	98.3

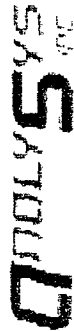
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Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	Project ID: SPS 11 EO 2022	Report#/Lab ID#: 137548
Attn: Robert Edison	Sample Name: MW 30	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137548 Matrix: water
Client: Environmental Tech Group Attn: Robert Edison
Project ID: SPS 11 EO 2022
Sample Name: MW 30

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 submersion 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
Benzene	J	See J-flag discussion above.

Notes:



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

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

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

Report#/Lab ID#: 137549 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: MW 31
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/10/2002 Time: 11:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		12/23/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/23/02	8260b	---	1.5	114.7	112.1	119.5
Ethylbenzene	<1	µg/L	1	<1	12/23/02	8260b	---	1.9	86.3	86.4	87.2
m,p-Xylenes	<1	µg/L	1	<1	12/23/02	8260b	---	1	85.5	84.5	83.4
o-Xylene	<1	µg/L	1	<1	12/23/02	8260b	---	0.2	89.2	86.3	86.7
Toluene	<1	µg/L	1	<1	12/23/02	8260b	---	2.9	95.7	88.1	98.3

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

QUALITY ASSURANCE DATA¹

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison

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

Report#/Lab ID#: 137549
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.5	80-120	---
Toluene-d8	8260b	99.9	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: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report# / Lab ID#: 137550 Report Date: 01/02/03
Project ID: SPS 11 EO 2022
Sample Name: EB 1
Sample Matrix: water
Date Received: 12/18/2002 Time: 14:30
Date Sampled: 12/10/2002 Time: 14:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		12/19/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/19/02	8260b	---	7.9	88.5	86.6	80.3
Ethylbenzene	<1	µg/L	1	<1	12/19/02	8260b	---	3.7	111.2	111.2	105.4
m,p-Xylenes	<1	µg/L	1	<1	12/19/02	8260b	---	5.7	108.3	107.3	99.7
o-Xylene	<1	µg/L	1	<1	12/19/02	8260b	---	4.6	112.2	110.7	105.4
Toluene	<1	µg/L	1	<1	12/19/02	8260b	---	12.9	101	90.1	88.7

QUALITY ASSURANCE DATA¹

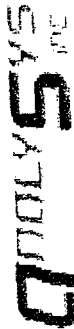
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Robert Edison

Project ID: SPS 11 EO 2022
Sample Name: EB 1

Report#/Lab ID#: 137550
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.8	80-120	---
Toluene-d8	8260b	100	88-110	---

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

CHAIN-OF-CUSTODY

Send Reports To:

Company Name E. T. G. I.
 Address 35-14 107th Ave
 City Flushing State NY Zip 11354
 ATTN: R. J. G. I.
 Phone 718-261-1683 Fax 718-261-4747

Bill to (if different):

Company Name _____
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____ Phone _____ Fax _____

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

Project Name/PO#: 515-11 Sampler: Melanie Carpenter

CO3023

4221 Freidrich Lane, Suite 190, Austin, TX 78742
 (512) 444-5896

Analyses Requested (1)

Please attach explanatory information as require

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
1	12/14/02	1345	2		X	137521	
2		0937				137522	
3		0945				137523	
4		1446				137524	
5		0846				137525	
6		1218				137526	
7		1256				137527	
8		1645				137528	
9	12/10/03	1636				137529	
10	12/19/03	1540	✓		✓	137530	

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

Temp: A.1 C

Sample Relinquished By

Sample Received By

Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
E. T. G. I.		12/19/02	0830	Melanie Carpenter	ASI	12/18/02	14:30

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

CHAIN-OF-CUSTODY

Send Reports to:

Company Name E. T. C. I.
 Address 2551 W. 17th St.
 City Irving State TX Zip 75039
 ATTN: Robert E. Anderson
 Phone 972-488-3333 Fax 972-488-3333

Bill to (if different):

Company Name _____
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

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

Project Name/PO#: SPS-11 Sampler: Manual Sample

EO 34.25

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
13	12/9/02	1431	2		X		137531	
14	12/10/02	1326	1				137532	
15	12/9/02	1347					137533	
16	12/11/02	1341					137534	
17		1343					137535	
18		1112					137536	
19		1424					137537	
20		0924					137538	
21	12/10/02	0907					137539	
22	12/9/02	1415	V				137540	

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

Temp: 4.1 C

Sample Relinquished By

Name _____ Affiliation E. T. C. I. Date 12/17/02 Time 0830

Sample Received By

Name Daniel Humphrey Affiliation ASI Date 12/18/02 Time 1430

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

TO: **ANALYTICAL SYS INC.**

COC: 14

4221 Freidrich Lane, Suite 190, Austin, TX 78741
 (512) 444-5896

Analyses Requested (1)

Please attach explanatory information as required

TEX 80818

CHAIN-OF-CUSTODY

Send Reports To:

Company Name E. I. C. I.
 Address 2541 W. 17th Land
 City Wichita State KS Zip 67240
 ATTN: Robert Chase
 Phone 317-4382 Fax 317-4701

Bill to (if different):

Company Name _____
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

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

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

Project Name/PO#: 515-11 Sampler: Manuela Campos

Analyses Requested (1)

Please attach explanatory information as require

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
1. 10 23	12/1/02	1330	2		X	137541	X
1. 10 24	12/1/02	1314	1			137542	
1. 10 25	12/1/02	1345	1			137543	
1. 10 26	12/1/02	1405	1			137544	
1. 10 27	12/1/02	1132	1			137545	
1. 10 28	12/1/02	1425	1			137546	
1. 10 29	12/1/02	1438	1			137547	
1. 10 30	12/1/02	1122	1			137548	
1. 10 31	12/1/02	1145	1			137549	
1. 10 32	12/1/02	1450	1			137550	

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

Temp: 4.1 °C

Sample Relinquished By

Name _____ Affiliation E. I. C. I. Date 12/17/02 Time 0830

Sample Received By

Name Manuela Campos Affiliation ASI Date 12/18/02 Time 14:30

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