AP - 007

ANNUAL MONITORING REPORT

YEAR(S):

2003

ANNUAL MONITORING REPORT

APR 17 2003

AP 07

5/8/03

EOTT ENERGY, LLC
DARR ANGELL #4
NW ¼, NE ¼ OF SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST
SW ¼, SE ¼ OF SECTION 2, TOWNSHIP 15 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO

RECEIVED
APR 2 7 2003
Environmental Bureau
Oil Conservation Division

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

Wm. R. Von Quell 4/17/03
Director Environmental
EOTT Energy

April 2003

Brian J. Freed
Project Manager

Chance I. Johnson
New Mexico Regional Manager

TABLE OF CONTENTS

INTRODUCTION

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

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

FIELD ACTIVITIES

The site monitor wells were gauged and sampled on February 18, June 19, September 18, and December 18, 2002. Monitor and recovery wells MW-14, RW-7, RW-8, RW-9, RW-10, RW-11, RW-12, and RW-13 were installed during this reporting period and sampled according to established NMOCD sampling guidelines. During each sampling event the monitor and recovery wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico or Vista Trucking, Eunice, New Mexico utilizing a licensed disposal facility (OCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on December 18, 2002, is depicted on Figure 2, the Groundwater Gradient Map. The groundwater elevation data is provided in Table 1. Groundwater elevation contours generated from the final quarterly event of calendar year 2002 water level measurements indicate a general gradient of approximately 0.002 ft/ft to the southeast as measured between groundwater monitor wells MW-5 and MW-3. The depth to groundwater as measured from the top of the well casing ranged between 60.77 to 69.25 feet for the shallow alluvial aquifer.

A measurable thickness of PSH was detected in recovery wells RW-1, RW-2, RW-3, RW-4, RW-6, RW-8, RW-9, RW-10, RW-11, RW-12 and monitor wells MW-6 and MW-8 during the annual monitoring period. Recovery well RW-3 was inaccessible during the first, second, and third quarters due to excavation activities. Maximum thicknesses of 2.33 feet in recovery well RW-1, 6.26 feet in recovery well RW-2, 4.42 feet in recovery well RW-3, 6.67 feet in recovery

well RW-4, 1.12 feet in recovery well RW-6, 0.14 foot in recovery well RW-8, 0.95 foot in recovery well RW-9, 5.67 feet in recovery well RW-10, 4.02 feet in recovery well RW-11, 0.35 foot in recovery well RW-12, 0.53 foot in monitor well MW-6, and 0.02 foot in monitor well MW-8 was measured and is shown on Table 1.

LABORATORY RESULTS

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

Laboratory results for groundwater samples collected during the calendar year 2002 monitor period indicated that benzene and BTEX concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-2, MW-4, MW-5, MW-7, MW-9, MW-11, MW-12 and recovery well RW-5. The benzene concentrations for monitor wells MW-3, MW-8, MW-10, MW-13, MW-14 and recovery wells RW-7 and RW-13 were above NMOCD regulatory standards while BTEX concentrations were below NMOCD regulatory standards.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2002. A measurable thickness of PSH was detected in recovery wells RW-1, RW-2, RW-3, RW-4, RW-6, RW-8, RW-9, RW-10, RW-11, RW-12 and monitor wells MW-6, and MW-8 during the annual monitoring period. Recovery well RW-3 was inaccessible during the first, second, and third quarters due to excavation activities. Maximum thicknesses of 2.33 feet in recovery well RW-1, 6.26 feet in recovery well RW-2, 4.42 feet in recovery well RW-3, 6.67 feet in recovery well RW-4, 1.12 feet in recovery well RW-6, 0.14 foot in recovery well RW-8, 0.95 foot in recovery well RW-9, 5.67 feet in recovery well RW-10, 4.02 feet in recovery well RW-11, 0.35 foot in recovery well RW-12, 0.53 foot in monitor well MW-6, and 0.02 foot in monitor well MW-8 was measured in the recovery and monitor wells. During this reporting period, approximately 2,291 gallons of PSH was recovered from the aforementioned recovery and monitor wells. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours, generated from the final quarterly event of calendar year 2001 water level measurements indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between groundwater monitoring wells MW-5 and MW-3.

Laboratory results for groundwater samples collected during the calendar year 2002 monitor period indicated that benzene and BTEX concentrations were below NMOCD regulatory standards in monitor wells MW-1, MW-2, MW-4, MW-5, MW-7, MW-9, MW-11, MW-12 and recovery well RW-5. The benzene concentrations for monitor wells MW-3, MW-8, MW-10, MW-13, MW-14 and recovery wells RW-7 and RW-13 were above NMOCD regulatory standards while BTEX concentrations were below NMOCD regulatory standards.

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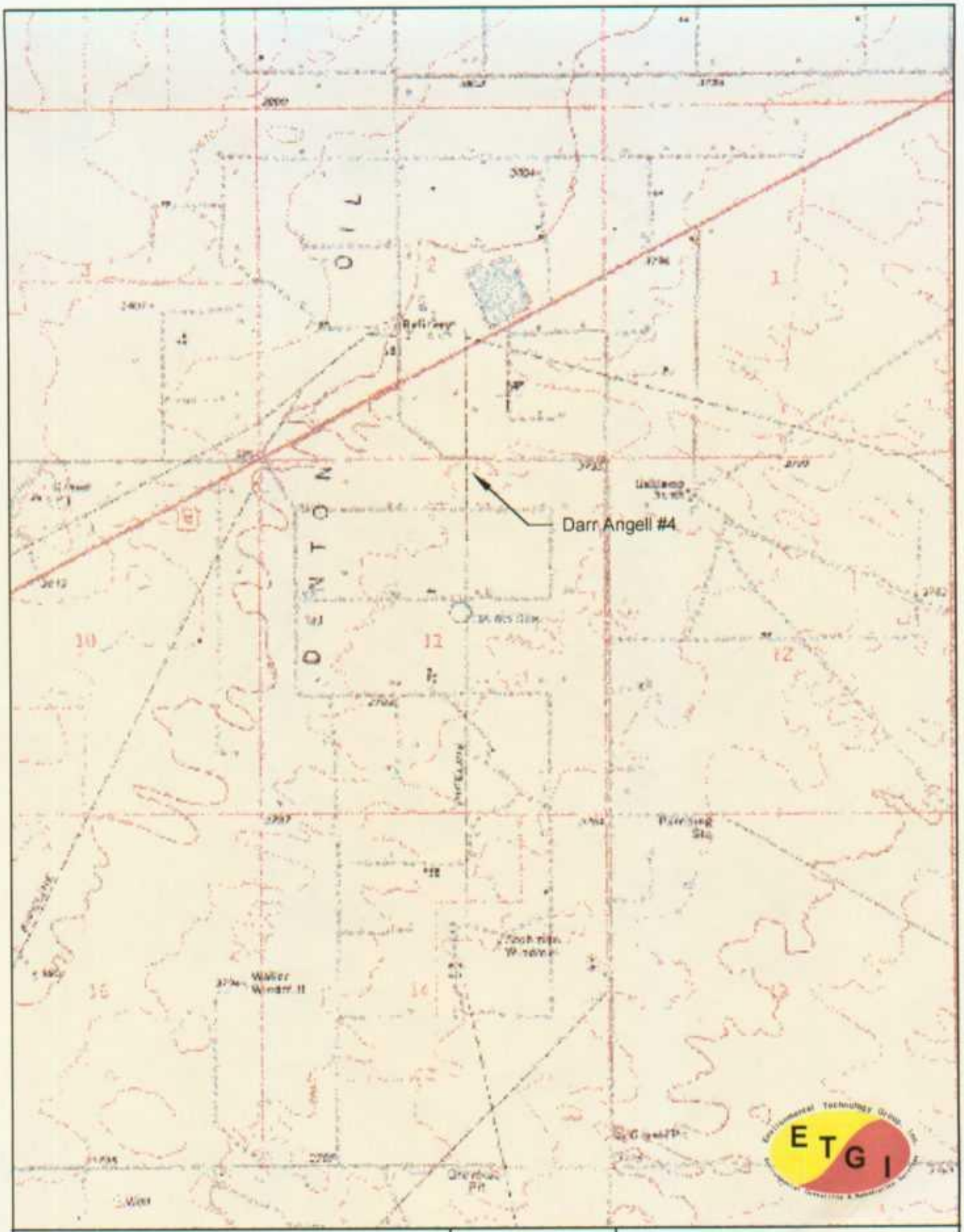
FIGURES



Site Location
33° 02' 17.4" N 103° 10' 04.4" W

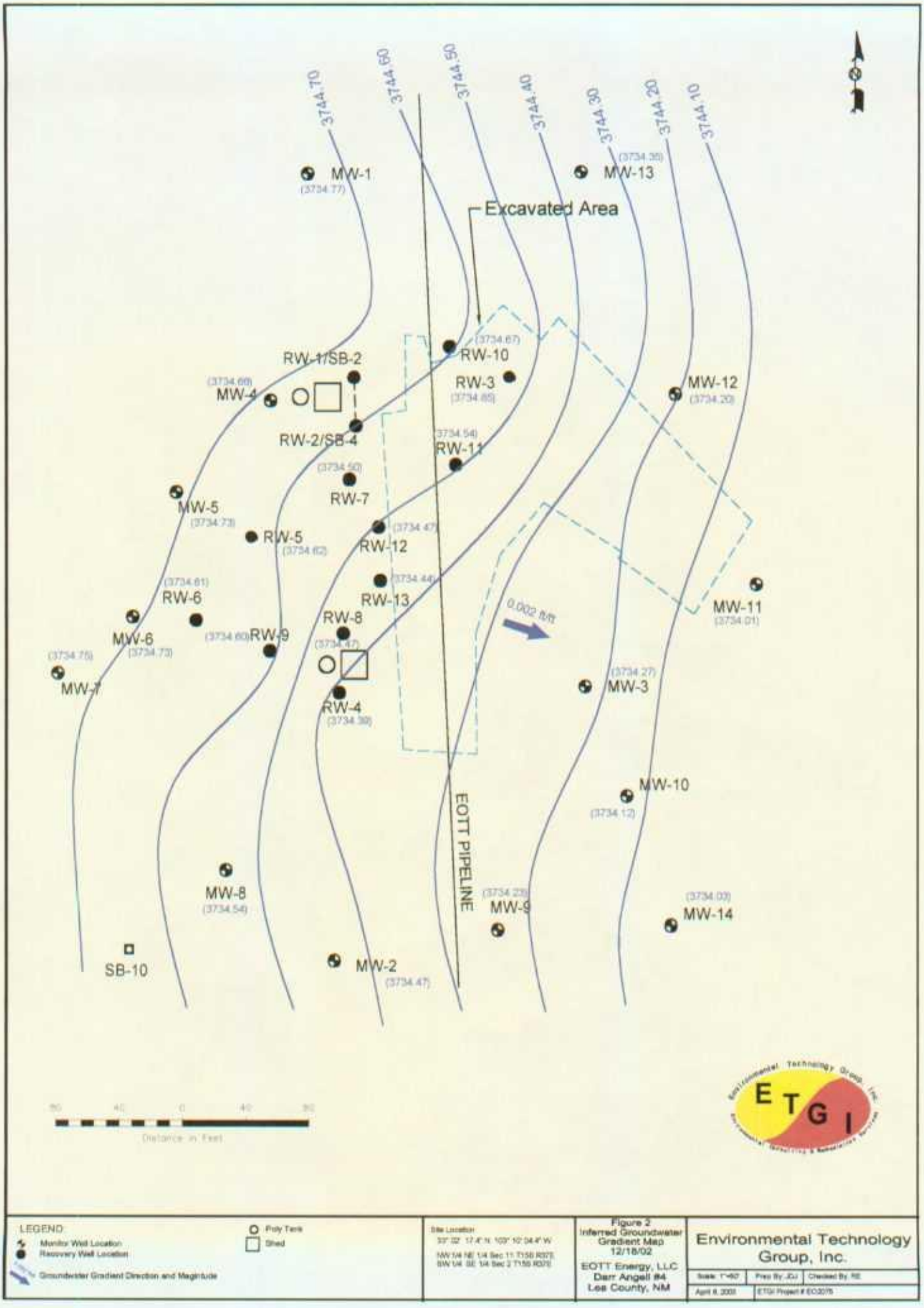
NW 1/4 NE 1/4 Sec 11 T15S R37E
SW 1/4 SE 1/4 Sec 2 T15S R37E

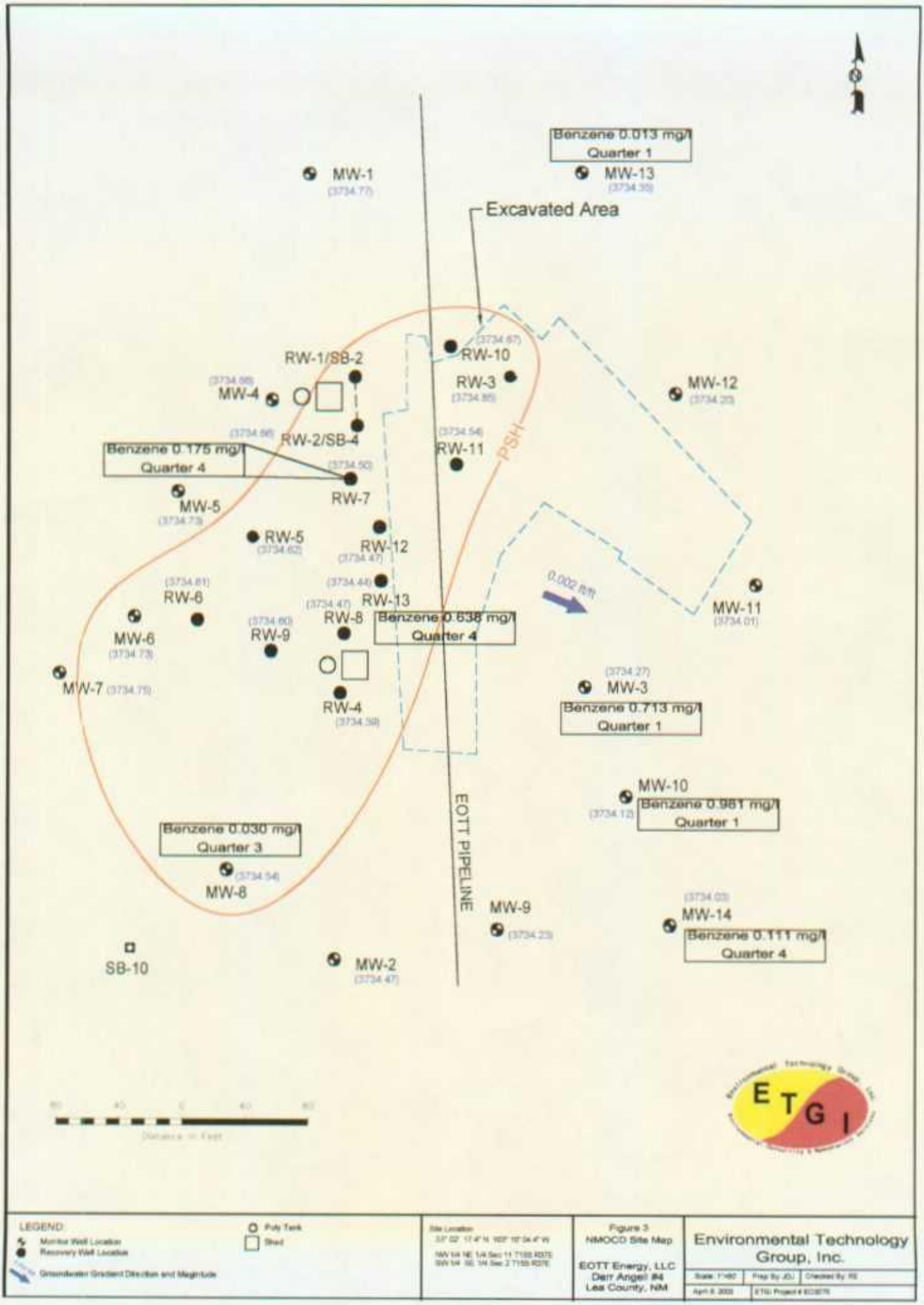
Figure 1
Site Location Map

EOTT Energy, LLC
Darr Angell #4
Lea County, NM

Environmental Technology Group, INC.

Scale: 1"=2000'	Prep By: JDJ	Checked By: RE
March 11, 2002	ETG Project # EO2075	


3744.70
3744.60
3744.50
3744.40
3744.30
3744.20
3744.10
MW-1
(3734.77)
MW-13
(3734.39)
Excavated Area
(3734.67)
RW-10
RW-1/SB-2
RW-3
(3734.65)
MW-12
(3734.20)
(3734.69)
MW-4
RW-2/SB-4
(3734.54)
RW-11
(3734.50)
RW-7
MW-5
(3734.73)
RW-5
(3734.62)
(3734.47)
RW-12
(3734.61)
RW-6
(3734.44)
RW-13
MW-11
(3734.01)
0.002 ft/ft
RW-8
MW-6
(3734.73)
(3734.60)
RW-9
(3734.75)
MW-7
(3734.27)
MW-3
RW-4
(3734.39)
MW-10
(3734.12)
EOTT PIPELINE
MW-8
(3734.54)
(3734.23)
MW-9
(3734.03)
MW-14
SB-10
MW-2
(3734.47)
Distance in Feet
LEGEND
Monitor Well Location
Recovery Well Location
Groundwater Gradient Direction and Magnitude
Poly Tank
Shed
Site Location
33° 32' 17.4" N, 103° 10' 04.4" W
NW 1/4 NE 1/4 Sec 11 T15S R37E
SW 1/4 SE 1/4 Sec 2 T15S R37E
Figure 2
Inferred Groundwater Gradient Map
12/18/02
EOTT Energy, LLC
Darr Angell #4
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1"=60'
Prep By: JDJ
Checked By: RE
April 8, 2003
ETGI Project # EO3075


Benzene 0.013 mg/l
Quarter 1
MW-1
(3734.77)
MW-13
(3734.39)
Excavated Area
RW-1/SB-2
RW-10
(3734.67)
RW-3
(3734.85)
MW-4
(3734.68)
MW-12
(3734.20)
RW-2/SB-4
(3734.66)
RW-11
(3734.54)
PSH
Benzene 0.175 mg/l
Quarter 4
(3734.50)
RW-7
MW-5
(3734.73)
RW-5
(3734.62)
RW-12
(3734.47)
0.002 ft/ft
(3734.81)
RW-6
(3734.44)
RW-13
(3734.47)
MW-11
(3734.01)
MW-6
(3734.73)
RW-8
Benzene 0.638 mg/l
Quarter 4
(3734.60)
RW-9
MW-7 (3734.75)
(3734.27)
MW-3
Benzene 0.713 mg/l
Quarter 1
RW-4
(3734.38)
MW-10
(3734.12)
Benzene 0.981 mg/l
Quarter 1
EOTT PIPELINE
Benzene 0.030 mg/l
Quarter 3
(3734.54)
MW-8
(3734.03)
MW-9
(3734.23)
MW-14
Benzene 0.111 mg/l
Quarter 4
SB-10
MW-2
(3734.47)
Distance in Feet
E T G I
LEGEND
Monitor Well Location
Recovery Well Location
Groundwater Gradient Direction and Magnitude
Poly Tank
Shed
Site Location
33° 02' 17.4" N 103° 15' 04.4" W
NW 1/4 NE 1/4 Sec 11 T15S R37E
SW 1/4 SE 1/4 Sec 2 T15S R37E
Figure 3
NMOCD Site Map
EOTT Energy, LLC
Derr Angel #4
Lea County, NM
Environmental Technology Group, Inc.
Scale: 1"=60'
Prep By: JDJ
Checked By: RE
April 8, 2009
ETG Project # EOTE76

TABLES

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
DARR ANGELL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2075

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	07/31/00	3,800.66	-	64.55	0.00	3,736.11
	09/13/00	3,800.66	-	64.65	0.00	3,736.01
	11/15/00	3,800.66	-	64.76	0.00	3,735.90
	02/14/01	3,800.66	-	64.82	0.00	3,735.84
	04/24/01	3,800.66	-	64.92	0.00	3,735.74
	08/21/01	3,800.66	-	65.11	0.00	3,735.55
	10/30/01	3,800.66	-	65.22	0.00	3,735.44
	02/18/02	3,800.66	-	65.39	0.00	3,735.27
	06/19/02	3,800.66	-	65.59	0.00	3,735.07
	09/18/02	3,800.66	-	65.77	0.00	3,734.89
	12/18/02	3,800.66	-	65.89	0.00	3,734.77
MW - 2	07/31/00	3,796.33	-	60.55	0.00	3,735.78
	09/13/00	3,796.33	-	60.66	0.00	3,735.67
	11/15/00	3,796.33	-	60.76	0.00	3,735.57
	02/14/01	3,796.33	-	60.74	0.00	3,735.59
	04/24/01	3,796.33	-	60.90	0.00	3,735.43
	08/21/01	3,796.33	-	61.10	0.00	3,735.23
	10/30/01	3,796.33	-	61.20	0.00	3,735.13
	02/18/02	3,796.33	-	61.31	0.00	3,735.02
	06/19/02	3,796.33	-	61.57	0.00	3,734.76
	09/18/02	3,796.33	-	61.74	0.00	3,734.59
	12/18/02	3,796.33	-	61.86	0.00	3,734.47
MW - 3	07/31/00	3,798.10	-	62.53	0.00	3,735.57
	09/13/00	3,798.10	-	62.63	0.00	3,735.47
	11/15/00	3,798.10	-	62.72	0.00	3,735.38
	02/14/01	3,798.10	-	62.72	0.00	3,735.38
	04/24/01	3,798.10	-	62.88	0.00	3,735.22
	08/21/01	3,798.10	-	63.10	0.00	3,735.00
	10/30/01	3,798.10	-	63.20	0.00	3,734.90
	02/18/02	3,798.10	-	63.31	0.00	3,734.79
	06/19/02	3,798.10	-	63.54	0.00	3,734.56
	09/18/02	3,798.10	-	62.72	0.00	3,735.38
	12/18/02	3,798.10	-	63.83	0.00	3,734.27

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
DARR ANGELL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2075

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	08/21/01	3,797.75	-	62.34	0.00	3,735.41
	10/30/01	3,797.75	-	62.45	0.00	3,735.30
	02/18/02	3,797.75	-	62.63	0.00	3,735.12
	06/19/02	3,797.75	-	62.81	0.00	3,734.94
	09/18/02	3,797.75	-	62.99	0.00	3,734.76
	12/18/02	3,797.75	-	63.09	0.00	3,734.66
MW - 5	08/21/01	3,797.23	-	61.87	0.00	3,735.36
	10/30/01	3,797.23	-	61.86	0.00	3,735.37
	02/18/02	3,797.23	-	62.03	0.00	3,735.20
	06/19/02	3,797.23	-	62.21	0.00	3,735.02
	09/18/02	3,797.23	-	62.38	0.00	3,734.85
	12/18/00	3,797.23	-	62.50	0.00	3,734.73
MW - 6	08/21/01	3,796.51	-	60.96	0.00	3,735.55
	10/30/01	3,796.51	-	61.11	0.00	3,735.40
	02/18/02	3,796.51	61.28	61.47	0.19	3,735.20
	06/19/02	3,796.51	61.44	61.54	0.21	3,735.15
	09/18/02	3,796.51	61.53	62.01	0.48	3,734.91
	10/09/02	3,796.51	61.61	62.14	0.53	3,734.82
	10/10/02	3,796.51	61.69	61.78	0.09	3,734.81
	10/11/02	3,796.51	61.69	61.79	0.10	3,734.81
	12/18/02	3,796.51	61.77	61.85	0.08	3,734.73
MW - 7	08/21/01	3,796.16	-	60.60	0.00	3,735.56
	10/30/01	3,796.16	-	60.73	0.00	3,735.43
	02/18/02	3,796.16	-	60.83	0.00	3,735.33
	06/19/02	3,796.16	-	61.08	0.00	3,735.08
	09/18/02	3,796.16	-	61.24	0.00	3,734.92
	12/18/02	3,796.16	-	61.41	0.00	3,734.75
MW - 8	08/21/01	3,795.89	-	60.58	0.00	3,735.31
	10/30/01	3,795.89	-	60.65	0.00	3,735.24
	02/18/02	3,795.89	-	60.77	0.00	3,735.12
	06/19/02	3,795.89	-	61.05	0.00	3,734.84
	09/18/02	3,795.89	-	61.23	0.00	3,734.66
	12/18/02	3,795.89	61.35	61.37	0.02	3,734.54
MW - 9	08/21/01	3,795.66	-	60.68	0.00	3,734.98
	10/30/01	3,795.66	-	60.80	0.00	3,734.86
	02/18/02	3,795.66	-	60.92	0.00	3,734.74
	06/19/02	3,795.66	-	61.15	0.00	3,734.51
	09/18/02	3,795.66	-	61.32	0.00	3,734.34
	12/18/02	3,795.66	-	61.43	0.00	3,734.23

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
DARR ANGELL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2075

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 10	08/21/01	3,796.23	-	61.35	0.00	3,734.88
	10/30/01	3,796.23	-	61.51	0.00	3,734.72
	02/18/02	3,796.23	-	61.61	0.00	3,734.62
	06/19/02	3,796.23	-	61.84	0.00	3,734.39
	09/18/02	3,796.23	-	62.01	0.00	3,734.22
	12/18/02	3,796.23	-	62.11	0.00	3,734.12
MW - 11	08/21/01	3,796.58	-	61.80	0.00	3,734.78
	10/30/01	3,796.58	-	61.92	0.00	3,734.66
	02/18/02	3,796.58	-	62.08	0.00	3,734.50
	06/19/02	3,796.58	-	62.28	0.00	3,734.30
	09/18/02	3,796.58	-	62.42	0.00	3,734.16
	12/18/02	3,796.58	-	62.57	0.00	3,734.01
MW - 12	08/21/01	3,798.03	-	63.04	0.00	3,734.99
	10/30/01	3,798.03	-	63.20	0.00	3,734.83
	02/18/02	3,798.03	-	63.28	0.00	3,734.75
	06/19/02	3,798.03	-	63.52	0.00	3,734.51
	09/18/02	3,798.03	-	63.68	0.00	3,734.35
	12/18/02	3,798.03	-	63.83	0.00	3,734.20
MW - 13	08/21/01	3,799.65	-	64.51	0.00	3,735.14
	10/30/01	3,799.65	-	64.63	0.00	3,735.02
	02/18/02	3,799.65	-	64.73	0.00	3,734.92
	06/19/02	3,799.65	-	64.97	0.00	3,734.68
	09/18/02	3,799.65	-	65.13	0.00	3,734.52
	12/18/02	3,799.65	-	65.30	0.00	3,734.35
MW - 14	12/18/02	3,796.10	-	62.07	0.00	3,734.03
RW - 1	07/31/00	3,797.66	-	61.76	0.00	3,735.90
	09/13/00	3,797.66	-	61.86	0.00	3,735.80
	11/15/00	3,797.66	-	61.94	0.00	3,735.72
	02/14/01	3,797.66	-	61.95	0.00	3,735.71
	04/24/01	3,797.66	62.06	62.50	0.44	3,735.53
	08/21/01	3,797.66	62.31	63.18	0.87	3,735.22
	10/30/01	3,797.66	62.43	63.00	0.57	3,735.14
	02/18/02	3,797.66	62.20	64.53	2.33	3,735.11
	04/29/02	3,797.66	62.80	62.86	0.06	3,734.85
	06/19/02	3,797.66	62.87	62.94	0.07	3,734.78
	09/18/02	3,797.66	62.75	64.03	1.28	3,734.72
	12/18/02	** could not gauge due to float not attached to pump				

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
DARR ANGELL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2075

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW - 2	07/31/00	3,797.60	61.53	62.45	0.92	3,735.93
	09/13/00	3,797.60	61.13	64.52	3.39	3,735.96
	11/15/00	3,797.60	61.01	65.91	4.90	3,735.86
	02/14/01	3,797.60	61.04	66.80	5.76	3,735.70
	04/24/01	3,797.60	60.26	66.21	5.95	3,736.45
	08/21/01	3,797.60	61.47	67.22	5.75	3,735.27
	10/30/01	3,797.60	61.58	66.25	4.67	3,735.32
	02/18/02	3,797.60	61.42	67.68	6.26	3,735.24
	04/29/02	3,797.60	62.72	63.15	0.43	3,734.82
	06/19/02	3,797.60	62.86	62.93	0.07	3,734.73
	09/18/02	3,797.60	61.89	67.84	5.95	3,734.82
	12/18/02	3,797.60	62.08	67.80	5.72	3,734.66
RW - 3	07/31/00	3,798.81	61.35	37.81	6.46	3,766.49
	09/13/00	3,798.81	61.77	67.82	6.35	3,736.39
	11/15/00	3,798.81	61.65	67.81	6.16	3,736.24
	02/14/01	3,798.81	61.88	67.80	5.92	3,736.04
	04/24/01	3,798.81	61.97	67.84	5.87	3,735.96
	08/21/01	3,798.81	62.20	67.87	5.47	3,735.59
	10/30/01	3,798.81	62.30	65.70	3.40	3,736.00
	02/18/02	3,798.81	*	*	*	*
	06/19/02	3,798.81	*	*	*	*
	09/18/02	3,798.81	*	*	*	*
	12/18/02	3,798.81	63.30	67.72	4.42	3,734.85
RW - 4	07/31/00	3,798.34	61.95	64.92	2.97	3,735.94
	09/13/00	3,798.34	61.33	68.18	6.85	3,735.98
	11/15/00	3,798.34	61.44	68.41	6.97	3,735.85
	02/14/01	3,798.34	61.65	68.47	6.82	3,735.67
	04/24/01	3,798.34	61.75	68.51	6.76	3,735.58
	08/21/01	3,798.34	62.05	66.26	4.21	3,735.66
	10/30/01	3,798.34	62.14	64.00	1.85	3,735.91
	02/18/02	3,798.34	62.14	68.81	6.67	3,735.20
	04/29/02	3,798.34	63.40	64.56	1.16	3,734.77
	06/19/02	3,798.34	63.87	63.92	0.05	3,734.46
	09/18/02	3,798.34	62.70	68.81	6.11	3,734.72
	12/18/02	3,798.34	63.93	64.08	0.15	3,734.39
RW - 5	08/21/01	3,797.60	62.22	62.22	0.00	3,735.38
	10/30/01	3,797.60	62.35	62.35	0.00	3,735.25
	02/18/02	3,797.60	-	62.50	0.00	3,735.10
	06/19/02	3,797.60	-	62.69	0.00	3,734.91
	09/18/02	3,797.60	-	62.85	0.00	3,734.75
	12/18/02	3,797.60	-	62.98	0.00	3,734.62

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
DARR ANGELL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2075

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW - 6	08/21/01	3,797.28	61.88	61.89	0.01	3,735.40
	10/30/01	3,797.28	62.01	62.04	0.03	3,735.27
	02/18/02	3,797.28	62.13	62.40	0.27	3,735.11
	06/19/02	3,797.28	62.26	62.81	0.55	3,734.94
	09/18/02	3,797.28	62.31	63.31	1.00	3,734.82
	10/09/02	3,797.28	62.35	63.47	1.12	3,734.76
	10/10/02	3,797.28	62.52	62.66	0.14	3,734.74
	10/11/02	3,797.28	62.52	62.66	0.14	3,734.74
	12/18/02	3,797.28	62.52	63.49	0.97	3,734.61
RW - 7	12/18/02	3,797.43	-	62.93	0.00	3,734.50
RW - 8	12/18/02	3,798.33	63.84	63.98	0.14	3,734.47
RW - 9	12/18/02	3,797.99	63.25	64.20	0.95	3,734.60
RW - 10	12/18/02	3,799.10	63.58	69.25	5.67	3,734.67
RW - 11	12/18/02	3,796.65	61.51	65.53	4.02	3,734.54
RW - 12	12/18/02	3,798.13	63.61	63.96	0.35	3,734.47
RW - 13	12/18/02	3,798.52	-	64.08	0.00	3,734.44

** Could not gauge due to excavation

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
DARR ANGEL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO2075

All Concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	09/14/00	<0.001	<0.001	<0.001	<0.001
	11/15/00	<0.001	<0.001	<0.001	<0.001
	02/14/01	<0.001	<0.001	<0.001	<0.001
	04/24/01	<0.005	<0.005	<0.005	<0.005
	08/21/01	0.002	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001
	02/18/02	0.002	<0.001	<0.001	<0.001
	06/19/02	0.006	<0.001	0.002	<0.001
	09/18/02	<0.001	<0.001	<0.001	<0.001
	12/18/02	<0.001	<0.001	<0.001	<0.001
MW - 2	09/14/00	<0.001	<0.001	<0.001	<0.001
	11/15/00	<0.001	<0.001	<0.001	<0.001
	02/14/01	<0.001	<0.001	<0.001	<0.001
	04/24/01	<0.005	<0.005	<0.005	<0.005
	08/21/01	<0.001	<0.001	<0.001	<0.001
	10/30/01	0.002	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	<0.001	<0.001	0.002	<0.001
	12/18/02	0.002	<0.001	<0.001	<0.001
MW - 3	09/14/00	0.159	0.001	<0.001	0.025
	11/15/00	0.431	<0.001	<0.001	0.074
	02/14/01	0.553	0.001	<0.001	0.087
	04/24/01	0.683	<0.005	<0.005	0.915
	08/21/01	0.953	<0.001	<0.001	0.085
	10/30/01	0.071	<0.001	<0.001	0.005
	02/18/02	0.713	<0.001	<0.001	0.057
	06/19/02	0.395	<0.001	<0.001	0.053
	09/18/02	0.705	<0.001	<0.001	0.035
	12/18/02	0.250	<0.001	0.001	0.025
MW - 4	08/21/01	0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	<0.001	<0.001	<0.001	<0.001
	12/18/02	0.002	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
DARR ANGEL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO2075

All Concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 5	08/21/01	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	<0.001	<0.001	<0.001	<0.001
	12/18/02	0.002	<0.001	<0.001	<0.001
MW - 6	08/21/01	<0.001	0.038	0.060	0.295
MW - 7	08/21/01	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	<0.001	<0.001	<0.001	<0.001
	12/18/02	0.001	<0.001	<0.001	<0.001
MW - 8	08/21/01	0.009	0.004	0.032	0.087
	10/30/01	0.008	<0.001	0.044	0.035
	02/18/02	0.009	<0.001	0.063	0.014
	06/19/02	0.016	<0.001	0.205	0.036
	09/18/02	0.030	0.002	0.145	0.041
MW - 9	08/21/01	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001
	02/18/02	0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	<0.001	<0.001	<0.001	<0.001
	12/18/02	<0.001	<0.001	<0.001	<0.001
MW - 10	08/21/01	0.360	<0.001	0.002	0.022
	10/30/01	0.596	<0.001	0.002	0.071
	02/18/02	0.981	<0.001	0.002	0.050
	06/19/02	0.629	<0.001	0.004	0.067
	09/18/02	0.949	<0.001	0.005	0.050
	12/18/02	0.437	<0.001	0.003	0.036
MW - 11	08/21/01	0.003	<0.001	<0.001	<0.001
	10/30/01	0.004	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	0.002	<0.001	<0.001	<0.001
	09/18/02	0.005	<0.001	<0.001	<0.001
	12/18/02	0.002	<0.001	<0.001	<0.001
MW - 12	08/21/01	0.001	<0.001	<0.001	<0.001
	10/30/01	0.002	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	0.002	<0.001	<0.001	<0.001
	12/18/02	0.002	<0.001	<0.001	<0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
DARR ANGEL 4
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO2075

All Concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 13	08/21/01	0.002	<0.001	<0.001	<0.001
	10/30/01	0.003	<0.001	<0.001	<0.001
	02/18/02	0.013	<0.001	<0.001	<0.001
	06/19/02	0.008	<0.001	<0.001	<0.001
	09/18/02	0.009	<0.001	<0.001	<0.001
	12/18/02	0.004	<0.001	<0.001	<0.001
MW - 14	12/18/02	0.111	<0.001	<0.001	0.012
RW -1	09/14/00	0.007	0.004	<0.001	0.011
	11/15/00	0.022	0.021	0.005	0.010
	02/14/01	0.016	0.014	0.005	0.010
RW - 5	08/21/01	0.007	0.027	0.014	0.060
	02/18/02	0.007	0.017	0.019	0.027
	06/19/02	0.006	0.015	0.012	0.024
	09/18/02	0.003	0.013	0.042	0.033
	12/18/02	0.002	0.005	0.004	0.025
RW - 7	12/18/02	0.175	0.152	0.060	0.195
RW - 13	12/18/02	0.638	0.476	0.225	0.550
EB - 1	02/14/01	<0.001	<0.001	<0.001	<0.001
	04/24/01	<0.001	<0.001	<0.001	<0.001
	10/30/01	<0.001	<0.001	<0.001	<0.001
	02/18/02	<0.001	<0.001	<0.001	<0.001
	06/19/02	<0.001	<0.001	<0.001	<0.001
	09/18/02	<0.001	<0.001	<0.001	<0.001
	12/18/02	<0.001	<0.001	<0.001	<0.001

APPENDICES

FILE

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 126122 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 1
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 10:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	1.76	µg/L	1	<1	02/28/02	8260b	---	2.4	108.1	102.7	102.5
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	J	1.3	96.9	96.1	98.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	3.5	118.8	112	109.3

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 1	**Report#/Lab ID#:** 126122 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	---
Toluene-d8	8260b	91.9	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126122 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 1

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 126123 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 2
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 12:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	2.4	108.1	102.7	102.5
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	1.3	96.9	96.1	98.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	3.5	118.8	112	109.3

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 2	**Report#/Lab ID#:** 126123 **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	90.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126123 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 126124 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 3
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 13:32

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	713	µg/L	10	<10	02/28/02	8260b	---	2.4	108.1	102.7	102.5
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	J	1.3	96.9	96.1	98.1
m,p-Xylenes	56.9	µg/L	1	<1	02/27/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	3.5	118.8	112	109.3

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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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:** Darr Angell 4 EOT 2075C **Sample Name:** MW 3	**Report#/Lab ID#:** 126124 **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	91.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126124 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
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
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#: 126125 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 4
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 10:19

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	2.4	108.1	102.7	102.5
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	1.3	96.9	96.1	98.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	3.5	118.8	112	109.3

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 4	**Report#/Lab ID#:** 126125 **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	91.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126125 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
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
Benzene	J	See J-flag discussion above.

Notes: _____

ANALYSYS INC.

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

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

Report#/Lab ID#: 126126 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 5
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	2.4	108.1	102.7	102.5
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	1.3	96.9	96.1	98.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	3.5	118.8	112	109.3

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 5	**Report#/Lab ID#:** 126126 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

Exceptions Report:

Report #/Lab ID#: 126126 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 5

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
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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
Benzene	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#: 126127 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 7
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 13:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	2.4	108.1	102.7	102.5
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	1.3	96.9	96.1	98.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	3.5	118.8	112	109.3

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 7

Report#/Lab ID#: 126127
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	91.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126127 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 7

Sample Temperature/Condition <=6°C

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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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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#: 126128 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 8
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 12:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	8.72	µg/L	1	<1	02/27/02	8260b	---	2.4	108.1	102.7	102.5
Ethylbenzene	63.4	µg/L	1	<1	02/27/02	8260b	---	1.3	96.9	96.1	98.1
m,p-Xylenes	10.8	µg/L	1	<1	02/27/02	8260b	---	2.5	100.2	99.9	99.5
o-Xylene	3.18	µg/L	1	<1	02/27/02	8260b	---	2.1	96.8	94.9	96.5
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	3.5	118.8	112	109.3

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.

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 8	**Report#/Lab ID#:** 126128 **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	92.9	88-110	---

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

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 9	**Report#/Lab ID#:** 126129 **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	91.2	88-110	---

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

ANALYSYS INC.

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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#: 126130 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 10
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 11:59

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	981	µg/L	10	<10	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	2.46	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	49.3	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 10	**Report#/Lab ID#:** 126130 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	*Method*	*Recovery*	*Recovery Limit*	*Data Qualifiers*
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	92.3	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 126131 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 11
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/28/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/28/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/28/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/28/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/28/02	8260b	---	1.8	105	106.4	107.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

AnalySys Inc.

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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#: 126132 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 12
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 11:17

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	J	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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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:** Darr Angell 4 EOT 2075C **Sample Name:** MW 12	**Report#/Lab ID#:** 126132 **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	91.7	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126132 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 12

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

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

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

Notes: _____

ANALYSYS INC.

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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#: 126133 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 13
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 10:59

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	12.5	µg/L	1	<1	02/27/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	J	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** MW 13	**Report#/Lab ID#:** 126133 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.1	80-120	---
Toluene-d8	8260b	93	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126133 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell 4 EOT 2075C
Sample Name: MW 13

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

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

Comments pertaining to Data Qualifiers and QC data:

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

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#: 126134 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: RW 5
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 14:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	7.03	µg/L	1	<1	02/27/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	18.7	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	20.6	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	6.59	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	17	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** RW 5	**Report#/Lab ID#:** 126134 **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	92.5	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#: 126135 **Report Date:** 03/01/02
Project ID: Darr Angell 4 EOT 2075C
Sample Name: EB 1
Sample Matrix: water
Date Received: 02/26/2002 **Time:** 09:37
Date Sampled: 02/18/2002 **Time:** 14:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		02/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.7	97	97.5	100.1
Ethylbenzene	<1	µg/L	1	<1	02/27/02	8260b	---	0.2	98	99	97.1
m,p-Xylenes	<1	µg/L	1	<1	02/27/02	8260b	---	0.1	99.7	101.1	100.1
o-Xylene	<1	µg/L	1	<1	02/27/02	8260b	---	0.9	96	97.3	96.9
Toluene	<1	µg/L	1	<1	02/27/02	8260b	---	1.8	105	106.4	107.4

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Richard Laster

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ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell 4 EOT 2075C **Sample Name:** EB 1	**Report#/Lab ID#:** 126135 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.3	80-120	---
Toluene-d8	8260b	92.8	88-110	---

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 100, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4582 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DARR Angell 4 Sampler: Simon Casas
EOT 20775C

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 1	2-18-02	1040	2		X		126122	X	
MW 2		1236					126123		
MW 3		1332					126124		
MW 4		1019					126125		
MW 5		1000					126126		
MW 7		1315					126127		
MW 8		1255					126128		
MW 9		1215					126129		
MW 10		1159					126130		
MW 11	↓	1140	↓		↓		126131	↓	

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	ETGI	2-25-02	1200	Melanie Humphry	ASI	2/26/02	0937

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

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CHAIN-OF-CUSTODY

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

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: DARR Nagell 4 EOT 28756 Sampler: Lena Casas

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 12	2-18-02	1117	2		X		126132	X	
MW 13	"	1059	"		"		126133	"	
RW 5	"	1405	"		"		126134	"	
EB 1	"	1420	"		"		126135	"	

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Lena Casas	ETGI	2-25-02	1200	Melanie Humphrey	ASI	2/26/02	0937

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

FILE

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 131020 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 1
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 14:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	6.37	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	1.63	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	J	0.4	86.9	82.1	81.5

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

Respectfully Submitted,

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** Darr Angell #4 EOT 2075C	**Report#/Lab ID#:** 131020
Attn: Ken Dutton	**Sample Name:** MW 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.2	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#: 131020 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 1

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 131021 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 2
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 15:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/02/02	8260b	---	2	86.8	101.4	82.2
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	---	1.5	119.2	103.3	105.1
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	---	1.8	109.6	95.1	97.9
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	1.5	105.7	86	91.2
Toluene	<1	µg/L	1	<1	07/02/02	8260b	---	0.1	83.7	97.6	79.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 2	**Report#/Lab ID#:** 131021 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	82.3	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	**Project ID:** Darr Angell #4 EOT 2075C	**Report#/Lab ID#:** 131022
Attn: Ken Dutton	**Sample Name:** MW 3	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	82.5	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#: 131022 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075C
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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☐ 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.
o-Xylene	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#: 131023 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 4
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 14:39

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	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/02/02	8260b	J	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/02/02	8260b	---	0.4	86.9	82.1	81.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 4	**Report#/Lab ID#:** 131023 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.3	80-120	---
Toluene-d8	8260b	97.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131023 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 4

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

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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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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#: 131024 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 5
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	J	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 5	**Report#/Lab ID#:** 131024 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	81.8	80-120	---
Toluene-d8	8260b	110	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131024 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 5

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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(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#: 131025 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 7
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 15:21

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/02/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/02/02	8260b	---	0.4	86.9	82.1	81.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 7	**Report#/Lab ID#:** 131025 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	84.5	80-120	---
Toluene-d8	8260b	90.6	88-110	---

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

AnalySys inc.

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

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

Report#/Lab ID#: 131026 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 8
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 17:17

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	15.9	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	205	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	32.1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	3.59	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	J	0.4	86.9	82.1	81.5

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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:** Darr Angell #4 EOT 2075C **Sample Name:** MW 8	**Report#/Lab ID#:** 131026 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89	80-120	---
Toluene-d8	8260b	97.3	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131026 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 8

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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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#: 131027 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 9
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 15:44

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	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/02/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/02/02	8260b	---	0.4	86.9	82.1	81.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group	**Project ID:** Darr Angell #4 EOT 2075C	**Report#/Lab ID#:** 131027
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	88.1	80-120	---
Toluene-d8	8260b	100	88-110	---

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

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 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#: 131028 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 10
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 16:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	629	µg/L	10	<10	07/02/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	4.29	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	66.9	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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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:** Darr Angell #4 EOT 2075C **Sample Name:** MW 10	**Report#/Lab ID#:** 131028 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	82.1	80-120	---
Toluene-d8	8260b	99.5	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#: 131029 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 11
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 16:18

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	1.71	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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

Respectfully Submitted,

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Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 11	**Report#/Lab ID#:** 131029 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.3	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#: 131030 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 12
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 16:38

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	---		---		07/02/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/02/02	8260b	J	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/02/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/02/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/02/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 12	**Report#/Lab ID#:** 131030 **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	109	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 131030 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 12

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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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#: 131031 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: MW 13
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **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	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	7.5	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** MW 13	**Report#/Lab ID#:** 131031 **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	99.9	88-110	---

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

ANALYSYS INC.

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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#: 131032 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: RW 5
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 17:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	5.63	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	11.7	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	17.4	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	6.28	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	14.5	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075C **Sample Name:** RW 5	**Report#/Lab ID#:** 131032 **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	96.2	88-110	---

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 131033 **Report Date:** 07/05/02
Project ID: Darr Angell #4 EOT 2075C
Sample Name: EB 1
Sample Matrix: water
Date Received: 06/28/2002 **Time:** 10:30
Date Sampled: 06/19/2002 **Time:** 18:00

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	---		---		07/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	07/01/02	8260b	---	0.9	92.6	90.8	89.8
Ethylbenzene	<1	µg/L	1	<1	07/01/02	8260b	---	2.5	124.4	113.9	118.5
m,p-Xylenes	<1	µg/L	1	<1	07/01/02	8260b	---	2.3	114	103.7	108.3
o-Xylene	<1	µg/L	1	<1	07/01/02	8260b	---	7.6	110.6	98.4	106.7
Toluene	<1	µg/L	1	<1	07/01/02	8260b	---	0.4	86.9	82.1	81.5

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	**Project ID:** Darr Angell #4 EOT 2075C	**Report#/Lab ID#:** 131033
Attn: Ken Dutton	**Sample Name:** EB 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	86.8	80-120	---
Toluene-d8	8260b	103	88-110	---

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

ANALYSYS INC.

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FILE

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

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

Report#/Lab ID#: 134016 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 1
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/26/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	---	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	2.1	96.8	95.5	99.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 1	**Report#/Lab ID#:** 134016 **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	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#: 134017 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 2
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 10:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	J	11.6	112.9	99.7	128.9
Ethylbenzene	2.34	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 2	**Report#/Lab ID#:** 134017 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	97.5	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134017 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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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#: 134018 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 11:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	705	µg/L	10	<10	10/01/02	8260b	---	8.2	101.8	91.8	113.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	J	2.5	96.9	96.7	91.6
m,p-Xylenes	35.2	µg/L	1	<1	09/26/02	8260b	---	0.8	94	93.2	89.8
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	100.7	95.8	94.1
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	3.9	106.3	95	111

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Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 3	**Report#/Lab ID#:** 134018 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.4	80-120	---
Toluene-d8	8260b	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134018 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 3

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

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#: 134019 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 4
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 09:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/26/02	8260b	J	8.2	101.8	91.8	113.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	96.9	96.7	91.6
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94	93.2	89.8
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	100.7	95.8	94.1
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	3.9	106.3	95	111

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Client: Environmental Tech Group	**Project ID:** Darr Angell #4 EOT 2075	**Report#/Lab ID#:** 134019
Attn: Ken Dutton	**Sample Name:** MW 4	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.6	80-120	---
Toluene-d8	8260b	102	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134019 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
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

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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(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#: 134020 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 5
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 10:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/26/02	8260b	J	8.2	101.8	91.8	113.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	96.9	96.7	91.6
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94	93.2	89.8
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	100.7	95.8	94.1
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	3.9	106.3	95	111

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 5	**Report#/Lab ID#:** 134020 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.2	80-120	---
Toluene-d8	8260b	98.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134020 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 5

Sample Temperature/Condition <=6°C

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

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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#: 134021 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 7
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 10:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/26/02	8260b	J	8.2	101.8	91.8	113.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	96.9	96.7	91.6
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94	93.2	89.8
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	2.5	100.7	95.8	94.1
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	3.9	106.3	95	111

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 7	**Report#/Lab ID#:** 134021 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.6	80-120	---
Toluene-d8	8260b	98.8	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134021 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 7

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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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#: 134022 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 8
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 10:43

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	30.2	µg/L	1	<1	09/26/02	8260b	---	8.2	101.8	91.8	113.4
Ethylbenzene	145	µg/L	1	<1	09/26/02	8260b	---	2.5	96.9	96.7	91.6
m,p-Xylenes	33.1	µg/L	1	<1	09/26/02	8260b	---	0.8	94	93.2	89.8
o-Xylene	7.95	µg/L	1	<1	09/26/02	8260b	---	2.5	100.7	95.8	94.1
Toluene	1.76	µg/L	1	<1	09/26/02	8260b	---	3.9	106.3	95	111

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group	**Project ID:** Darr Angell #4 EOT 2075	**Report#/Lab ID#:** 134022
Attn: Ken Dutton	**Sample Name:** MW 8	**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	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#: 134023 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 9
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 11:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/26/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	J	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	---	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	2.1	96.8	95.5	99.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 9	**Report#/Lab ID#:** 134023 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.1	80-120	---
Toluene-d8	8260b	98.6	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134023 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 9

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134024 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 10
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 11:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	949	µg/L	10	<10	10/01/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	5.52	µg/L	1	<1	09/26/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	46.3	µg/L	1	<1	09/26/02	8260b	---	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	2.1	96.8	95.5	99.2

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 10	**Report#/Lab ID#:** 134024 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.4	80-120	---
Toluene-d8	8260b	97.9	88-110	---

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 134025 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 11
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 11:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/01/02	8260b	---	---	---	---	---
Benzene	4.78	µg/L	1	<1	10/01/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	10/01/02	8260b	J	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	10/01/02	8260b	J	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	10/01/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	10/01/02	8260b	---	2.1	96.8	95.5	99.2

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** Darr Angell #4 EOT 2075	**Report#/Lab ID#:** 134025
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	96.9	80-120	---
Toluene-d8	8260b	95.2	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134025 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 11

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134026 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 12
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 13:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/01/02	8260b	---	---	---	---	---
Benzene	1.5	µg/L	1	<1	10/01/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	10/01/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	10/01/02	8260b	---	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	10/01/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	10/01/02	8260b	---	2.1	96.8	95.5	99.2

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Respectfully Submitted,

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 12	**Report#/Lab ID#:** 134026 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.9	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: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

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

Report#/Lab ID#: 134027 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 13
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 13:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	8.67	µg/L	1	<1	09/26/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	J	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	2.1	96.8	95.5	99.2

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

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Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** MW 13	**Report#/Lab ID#:** 134027 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.4	80-120	---
Toluene-d8	8260b	98.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 134027 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Darr Angell #4 EOT 2075
Sample Name: MW 13

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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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:

AnalySys Inc.

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 134028 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: RW 5
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 10:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	29.9	µg/L	1	<1	09/26/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	41.9	µg/L	1	<1	09/26/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	20.7	µg/L	1	<1	09/26/02	8260b	---	1.2	94.3	95.9	93.1
o-Xylene	12.5	µg/L	1	<1	09/26/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	12.7	µg/L	1	<1	09/26/02	8260b	---	2.1	96.8	95.5	99.2

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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.

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** RW 5	**Report#/Lab ID#:** 134028 **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	100	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 134029 **Report Date:** 10/02/02
Project ID: Darr Angell #4 EOT 2075
Sample Name: EB 1
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/18/2002 **Time:** 13:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		09/26/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/26/02	8260b	---	0.4	120.6	96.8	125.4
Ethylbenzene	<1	µg/L	1	<1	09/26/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	09/26/02	8260b	---	1.2	94.3	95.9	93.1
o-Xylene	<1	µg/L	1	<1	09/26/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/26/02	8260b	---	2.1	96.8	95.5	99.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Darr Angell #4 EOT 2075 **Sample Name:** EB 1	**Report#/Lab ID#:** 134029 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.6	80-120	---
Toluene-d8	8260b	99.9	88-110	---

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

COC: 165 1 of 1

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin TX 78744
Phone (512) 444-8896
Fax (512) 444-1505

Send Reports To:
Company Name E.T.G.I.
Address 2560 W. MARLAND
City HOBBS State NM Zip 88240
ATTN: ALEN DUNTON
Phone (505) 397-8582 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Darr Angell #4 Sampler: Marcelo Campos
EOT-2075

Analyses Requested (1)
Please attach explanatory information as necessary

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
mw1	9-18-02	0930	2		X		134016	X	
mw2		1055					134017		
mw3		1120					134018		
mw4		0955					134019		
mw5		1020					134020		
mw7		1032					134021		
mw8		1043					134022		
mw9		1105					134023		
mw10		1110					134024		
mw11	↓	1140	↓		↓		134025	↓	

(1) Unless otherwise specified, reported data will be based 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 using standard turnaround times. For GC/MS volatile and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody, ASI will conduct analyses using its standard list of analytes. Specific compound lists must be supplied for all GC procedures.

Temp: 2.5 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E.T.G.I.	9-24-02	1030	Melonie Humphrey	ASI	9/25/02	0545

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

COC: 765 2 of 2

AnalySys Inc.

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

CHAIN-OF-CUSTODY

Send Reports To:
Company Name: ETGI
Address: 2540 W. Marland
City: Hobbs State: NM Zip: 88240
ATTN: Ken Dutton
Phone: (505) 397-4882 Fax: (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Darr Angell #4 EOT2075 Sampler: Marcelo Campos

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B								Comments
mw 12	9-18-02	1315	2		X		134026	X								
mw 13	↓	1325	↓		↓		134027	↓								
RW-5	↓	1010	↓		↓		134028	↓								
EB-1	↓	1340	↓		↓		134029	↓								

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 ... For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain of custody or attached to this chain of custody, ... ASI's list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 2.5 °C

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

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

FILE

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137628 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 1
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 10:13

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/02	8260b	J	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137628
Attn: Camille Reynolds	**Sample Name:** MW 1	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	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#: 137628 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 1

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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(512) 385-5886 • FAX (512) 385-7411

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

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

Report#/Lab ID#: 137629 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 2
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 08:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	2.36	µg/L	1	<1	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	J	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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ANALYSYS INC

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

Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137629
Attn: Camille Reynolds	**Sample Name:** MW 2	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	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#: 137629 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 2

Sample Temperature/Condition <=6°C

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

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Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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

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

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

Report#/Lab ID#: 137630 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 3
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 11:32

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	250	µg/L	1	<1	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	1.25	µg/L	1	<1	12/31/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	25.2	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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

Respectfully Submitted,

Richard Laster

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ANALYSYS INC

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Darr Angell 4 EO 2075 **Sample Name:** MW 3	**Report#/Lab ID#:** 137630 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	99.8	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137631 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 4
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 08:37

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA [1]

Parameter	Result	Units	RQL [5]	Blank	Date	Method [6]	Data Qual [7]	Prec. [2]	Recov. [3]	CCV [4]	LCS [4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	2.28	µg/L	1	<1	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	J	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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

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

Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137631
Attn: Camille Reynolds	**Sample Name:** MW 4	**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	103	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137631 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Darr Angell 4 EO 2075
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

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 137632 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 5
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 08:57

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	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	1.67	µg/L	1	<1	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	J	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Darr Angell 4 EO 2075 **Sample Name:** MW 5	**Report#/Lab ID#:** 137632 **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	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 137632 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 5

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC.

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

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

Report#/Lab ID#: 137633 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 7
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 09:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	1.36	µg/L	1	<1	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137633
Attn: Camille Reynolds	**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	101	88-110	---

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

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

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

Report#/Lab ID#: 137634 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 9
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 09:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/31/02	8260b	J	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137634
Attn: Camille Reynolds	**Sample Name:** MW 9	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	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#: 137634 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 9

Sample Temperature/Condition <=6°C

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

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

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

Report#/Lab ID#: 137635 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 10
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 11:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	437	µg/L	10	<10	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	3.27	µg/L	1	<1	12/31/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	35.7	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Darr Angell 4 EO 2075 **Sample Name:** MW 10	**Report#/Lab ID#:** 137635 **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	103	88-110	---

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

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

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

Report#/Lab ID#: 137636 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 11
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 10:01

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/31/02	8260b	---	---	---	---	---
Benzene	1.76	µg/L	1	<1	12/31/02	8260b	---	1.8	93.3	98.8	105
Ethylbenzene	<1	µg/L	1	<1	12/31/02	8260b	---	0	103.8	101.7	101.6
m,p-Xylenes	<1	µg/L	1	<1	12/31/02	8260b	---	1.2	101	97.4	97.7
o-Xylene	<1	µg/L	1	<1	12/31/02	8260b	---	0.8	103	100.1	101.4
Toluene	<1	µg/L	1	<1	12/31/02	8260b	---	1.5	98.2	100.5	106.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137636
Attn: Camille Reynolds	**Sample Name:** MW 11	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

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

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

ANALYSYS INC

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

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

Report#/Lab ID#: 137637 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 12
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 09:43

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/30/02	8260b	---	---	---	---	---
Benzene	1.92	µg/L	1	<1	12/30/02	8260b	---	4.7	102.5	102	98.9
Ethylbenzene	<1	µg/L	1	<1	12/30/02	8260b	---	3.3	104.2	106.4	103.8
m,p-Xylenes	<1	µg/L	1	<1	12/30/02	8260b	---	1.9	100.9	102.7	101.1
o-Xylene	<1	µg/L	1	<1	12/30/02	8260b	---	4.1	107.5	108.4	106.2
Toluene	<1	µg/L	1	<1	12/30/02	8260b	---	5.3	107.1	108.8	104.2

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

Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Darr Angell 4 EO 2075 **Sample Name:** MW 12	**Report#/Lab ID#:** 137637 **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	103	88-110	---

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

ANALYSYS INC.

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

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

Report#/Lab ID#: 137638 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 13
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 10:24

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	---		---		12/30/02	8260b	---	---	---	---	---
Benzene	3.97	µg/L	1	<1	12/30/02	8260b	---	4.7	102.5	102	98.9
Ethylbenzene	<1	µg/L	1	<1	12/30/02	8260b	---	3.3	104.2	106.4	103.8
m,p-Xylenes	<1	µg/L	1	<1	12/30/02	8260b	---	1.9	100.9	102.7	101.1
o-Xylene	<1	µg/L	1	<1	12/30/02	8260b	---	4.1	107.5	108.4	106.2
Toluene	<1	µg/L	1	<1	12/30/02	8260b	---	5.3	107.1	108.8	104.2

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Respectfully Submitted,

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.

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

Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137638
Attn: Camille Reynolds	**Sample Name:** MW 13	**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	100	88-110	---

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

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

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

Report#/Lab ID#: 137639 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: MW 14
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 12:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
A/BN Extraction-PAH	---	---	---	---	12/23/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	01/02/03	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	12/26/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	12/26/02	3005A	---	---	---	---	---
Total dissolved solids	511	mg/L	1	<1	12/23/02	160.1	---	6.8	-NA-	-NA-	-NA-
Aluminum/ICP	30.3	mg/L	0.2	<0.2	12/31/02	6010 & 200.7	---	1.32	91.93	101.5	85.64
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	12/31/02	6010 & 200.7	J	0.18	97.38	97.72	95.54
Barium/ICP	0.331	mg/L	0.01	<0.01	12/31/02	6010 & 200.7	---	0.23	91.35	99.88	89.93
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	12/31/02	6010 & 200.7	J	0.56	100.69	99.9	96.4
Boron/ICP	0.157	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	---	0.2	96.57	100.2	94.41
Cadmium/ICP	<0.005	mg/L	0.005	<0.005	12/31/02	6010 & 200.7	---	1.44	95	96.96	93.6
Calcium/ICP*filtered	45	mg/L	10	<10	12/31/02	6010 & 200.7	---	0.15	98.18	96.8	90.41
Chromium/ICP	0.117	mg/L	0.01	<0.01	12/31/02	6010 & 200.7	---	0.47	94.98	100.2	95.09
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	J	0.79	94.76	97	94.44
Copper/ICP	0.0356	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	---	1.13	96.16	103.72	90.99
Iron/ICP	23.6	mg/L	5	<5	01/03/03	6010 & 200.7	S,M	0	51.68	102.16	101.82
Lead/ICP	<0.02	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	J	0.19	96.31	99.2	94.95
Magnesium/ICP*filtered	13.3	mg/L	5	<5	12/31/02	6010 & 200.7	---	2.15	96.51	101.4	97.97
Manganese/ICP	0.218	mg/L	0.01	<0.01	12/31/02	6010 & 200.7	---	0.3	97.45	100.46	96.19
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	01/02/03	245.1&7470	J	6.06	100	85	85
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	J	0.23	98.39	101	95.72

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: Darr Angell 4 EO 2075
Sample Name: MW 14

Report#/Lab ID#: 137639
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	0.0277	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	---	0.93	96.64	101.5	95.52
Potassium/AA*filtered	2.7	mg/L	0.25	<0.25	01/02/03	258.1&7610	---	9.89	107.26	96.16	101.54
Selenium/ICP	<0.05	mg/L	0.05	<0.05	12/31/02	6010 & 200.7	---	0.8	93.01	99.3	91.98
Silver/GFAA	0.0065	mg/L	0.002	<0.002	12/31/02	272.2&7761	---	2.09	100	90	118
Sodium/ICP*filtered	104	mg/L	50	<50	12/31/02	6010 & 200.7	---	0.38	95.49	98.76	98.11
Strontium/ICP	0.561	mg/L	0.05	<0.05	12/31/02	6010 & 200.7	---	0.7	98.78	97.64	96.87
Tin/ICP	<0.05	mg/L	0.05	<0.05	12/31/02	6010 & 200.7	---	0.28	98.26	101.12	95.14
Vanadium/ICP	0.131	mg/L	0.02	<0.02	12/31/02	6010 & 200.7	---	2.95	97.88	99.6	100.36
Zinc/ICP	0.173	mg/L	0.01	<0.01	12/31/02	6010 & 200.7	---	1.08	95.56	96.67	95.69
Alkalinity, bicarbonate	230	mg/L	10	<10	12/30/02	SM2320	---	1.74	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	12/30/02	SM2320	---	1.74	-NA-	-NA-	-NA-
Chloride	54.1	mg/L	0.5	<0.5	12/30/02	325.2&9251	---	9.18	102.2	107.15	97.92
Sulfate	77.7	mg/L	10	<10	12/30/02	375.4&9038	---	0.75	104.98	99.45	101.31
Extractable organics-PAH	---	---	---	---	01/07/03	8270c	---	---	---	---	---
Volatile organics-8260b/BTEX	---		---		12/27/02	8260b	---	---	---	---	---
Benzene	111	µg/L	1	<1	12/27/02	8260b	---	11.9	99.5	89.2	91.2
Ethylbenzene	<1	µg/L	1	<1	12/27/02	8260b	J	0.5	111.2	107	108.9
m,p-Xylenes	11.7	µg/L	1	<1	12/27/02	8260b	---	1.6	107.8	103.9	107.1
o-Xylene	<1	µg/L	1	<1	12/27/02	8260b	---	1.8	110.9	105.8	112.2
Toluene	<1	µg/L	1	<1	12/27/02	8260b	---	4.8	96.3	92.1	94.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	3	54.6	103.5	43.6
Acenaphthylene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	3.5	55.2	105.2	43.5
Anthracene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	5.1	58.1	89.2	55.8
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	3.1	65.7	83.9	62.6
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	2.6	62.8	81.8	59.4
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	1.7	75.7	90.9	71.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	3	73.2	87.2	66.8
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	9.4	71.6	102	69.8
Chrysene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	4.9	73.1	100.6	70
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	2.3	67	89.1	60.2
Fluoranthene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	4	67.7	104.4	71.5
Fluorene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	4.1	59.5	101.6	48.6

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Darr Angell 4 EO 2075 **Sample Name:** MW 14	**Report#/Lab ID#:** 137639 **Sample Matrix:** water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	2.3	67.7	81	61.4
Naphthalene	**1.43**	µg/L	0.05	<0.05	01/07/03	8270c	---	0.2	40.8	100.1	35.1
Phenanthrene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	3.6	65.4	95.4	55.4
Pyrene	<0.05	µg/L	0.05	<0.05	01/07/03	8270c	---	4.6	76.9	106.7	77.7

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Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137639
Attn: Camille Reynolds	**Sample Name:** MW 14	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	89.8	80-120	---
Toluene-d8	8260b	102	88-110	---
2-Fluorobiphenyl	8270c	43.2	43-116	---
Nitrobenzene-d5	8270c	53.9	35-114	---
Terphenyl-d14	8270c	59	33-141	---

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

Exceptions Report:

Report #/Lab ID#: 137639 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Darr Angell 4 EO 2075
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
Arsenic/ICP	J	See J-flag discussion above.
Beryllium/ICP	J	See J-flag discussion above.
Cobalt/ICP	J	See J-flag discussion above.
Iron/ICP	S,M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.
Lead/ICP	J	See J-flag discussion above.
Mercury/CVAA	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.

Notes:

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

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

Report#/Lab ID#: 137640 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: RW 5
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 10:43

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/27/02	8260b	---	---	---	---	---
Benzene	1.68	µg/L	1	<1	12/27/02	8260b	---	11.9	99.5	89.2	91.2
Ethylbenzene	3.59	µg/L	1	<1	12/27/02	8260b	---	0.5	111.2	107	108.9
m,p-Xylenes	18.4	µg/L	1	<1	12/27/02	8260b	---	1.6	107.8	103.9	107.1
o-Xylene	6.15	µg/L	1	<1	12/27/02	8260b	---	1.8	110.9	105.8	112.2
Toluene	5.32	µg/L	1	<1	12/27/02	8260b	---	4.8	96.3	92.1	94.1

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

Respectfully Submitted,

Richard Laster

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Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Darr Angell 4 EO 2075 **Sample Name:** RW 5	**Report#/Lab ID#:** 137640 **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	102	88-110	---

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

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

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

Report#/Lab ID#: 137641 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: RW 7
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 13:38

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	---		---		12/27/02	8260b	---	---	---	---	---
Benzene	175	µg/L	1	<1	12/27/02	8260b	---	11.9	99.5	89.2	91.2
Ethylbenzene	59.7	µg/L	1	<1	12/27/02	8260b	---	0.5	111.2	107	108.9
m,p-Xylenes	138	µg/L	1	<1	12/27/02	8260b	---	1.6	107.8	103.9	107.1
o-Xylene	57.4	µg/L	1	<1	12/27/02	8260b	---	1.8	110.9	105.8	112.2
Toluene	152	µg/L	1	<1	12/27/02	8260b	---	4.8	96.3	92.1	94.1

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

Respectfully Submitted,

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Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137641
Attn: Camille Reynolds	**Sample Name:** RW 7	**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	100	88-110	---

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

AnalySys Inc.

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Client: Environmental Tech Group
Attn: Camille Reynolds
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Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 137642 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: RW 13
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 14:56

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/30/02	8260b	---	---	---	---	---
Benzene	638	µg/L	10	<10	12/30/02	8260b	---	11.9	99.5	89.2	91.2
Ethylbenzene	225	µg/L	10	<10	12/30/02	8260b	---	0.5	111.2	107	108.9
m,p-Xylenes	393	µg/L	10	<10	12/30/02	8260b	---	1.6	107.8	103.9	107.1
o-Xylene	157	µg/L	10	<10	12/30/02	8260b	---	1.8	110.9	105.8	112.2
Toluene	476	µg/L	10	<10	12/30/02	8260b	---	4.8	96.3	92.1	94.1

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

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

Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137642
Attn: Camille Reynolds	**Sample Name:** RW 13	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.3	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 137643 **Report Date:** 01/07/03
Project ID: Darr Angell 4 EO 2075
Sample Name: EB 1
Sample Matrix: water
Date Received: 12/20/2002 **Time:** 14:30
Date Sampled: 12/18/2002 **Time:** 15:12

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		12/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	12/27/02	8260b	---	11.9	99.5	89.2	91.2
Ethylbenzene	<1	µg/L	1	<1	12/27/02	8260b	---	0.5	111.2	107	108.9
m,p-Xylenes	<1	µg/L	1	<1	12/27/02	8260b	---	1.6	107.8	103.9	107.1
o-Xylene	<1	µg/L	1	<1	12/27/02	8260b	---	1.8	110.9	105.8	112.2
Toluene	<1	µg/L	1	<1	12/27/02	8260b	---	4.8	96.3	92.1	94.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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Client: Environmental Tech Group	**Project ID:** Darr Angell 4 EO 2075	**Report#/Lab ID#:** 137643
Attn: Camille Reynolds	**Sample Name:** EB 1	**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	104	88-110	---

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

CHAIN-OF-CUSTODY

COC 218 pg 1 of 1

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

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Dan Angell 4 EO-2075 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Comments
MW 1	12/18/02	1013	2		X		137628	X	
MW 2		0824					137629		
MW 3		1132					137630		
MW 4		0837					137631		
MW 5		0857					137632		
MW 7		0915					137633		
MW 9		0925					137634		
MW 10		1150					137635		
MW 11		1041					137636		
MW 12		0943					137637		

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

Temp: 3.5 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E.T.G.I.	12/19/02	1545	Melanie Humphrey	ASI	12/20/02	9:30

[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

COC: 218 pg 2 of 2

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Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Dora Angell 4 EO-2075 Sampler: Marcelo Campos

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	PAH 8310	Cations 6010	Anions 300.0	TDS 160.1	Metals 6010			Comments
MW 13	12/18/02	1024	2		X		137638	X								
MW 14		1225	6				137639	X	X	X	X	X	X			
RW-5		1043	2				137640	X								
RW-7		1338					137641	X								
RW-13		1456					137642	X								
E.B.-1		1512					137643	X								

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Temp: 3.5 °C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E.T.G.I.	12/19/02	1545	Melanie Humphrey	ASI	12/20/02	14:30

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