RELEASE REPORT

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

October 14, 2004

Mr. Jeffrey P. Dann
Plains All American L.P.
P.O. Box 4648
Houston, TX 77210-4648

IR-85

Dear Mr. Dann:

The New Mexico Oil Conservation Division (NMOCD) has received your letter, dated September 20, 2004, identifying the need for additional groundwater monitor and/or recovery wells at various sites. This request is hereby approved.

This approval does not relieve Plains Marketing, L.P. of any future liability at these sites should it prove that Plains' operations have caused harm to public health or the environment. Nor does it relieve Plains of its obligation to comply with the rules and regulations of any other governmental agency.

If you have any questions, contact me at (505) 476-3492 or emartin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin

Edwin E. Martin
Environmental Bureau

Cc: *Larry Johnson, NMOCD, Hobbs*
Camille Reynolds, Plains, Midland

PLAINS MARKETING, L.P.

September 20, 2004

Mr. Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Marketing, L.P. (formerly Link Energy) Remediation Sites
Various Locations in Lea County

Dear Mr. Martin:

Based on the results of our ongoing groundwater monitoring and sampling program at several of our remediation and groundwater monitoring sites in Lea County, we have identified the need for additional groundwater monitor and/or recovery wells at the flowing sites.

Site Name	Plains EMS No.	Site Location	Number of Wells
Jct 34 to Lea	2002-10286	Section 21, T20S, R37E	3
Livingston Line-Bob McCasland	2001-11043	Section 3, T21S, R37E	2
Hugh Gathering	2002-10235	Section 11, T21S, R37E	1
C. S. Cayler	2002-10250	Section 6, T17S, R37E	5
Lovington Deep 6-Inch	2002-1-312	Section 6, T21S, R36E	6
Kimbrough Sweet	2000-10757	Section 3, T18S, R37E	2
8" Moore to Jal #1	2002-10270	Section 16, T17S, R37E	3
8" Moore to Jal #2	2002-10273	Section 16, T17S, R37E	3
Darr Angell #1	Darr Angell #1	Section 11, T15S, R37E	1
Darr Angell #4	2001-10876	Section 2/11, T15S, R37E	2
Red Byrd #1	Red Byrd #1	Section 1, T19S, R36E	5
HDO 90-23	HDO 90-23	Section 6, T20S, R37E	2
Monument 6" Pipeline	2001-11056	Section 5, T20S, R37E	3
Texaco Skelly F	2002-11229	Section 21, T20S, R37E	1
SPS-11	SPS-11	Section 18, T18S, R36E	2
Monument #11	TNM Mon #11	Section 30, T19S, R37E	2
Monument #2	TNM Mon #2	Section 6, T20S, R37E	1
Monument #17	TNM Mon #17	Section 29, T19S, R37E	1
Monument #18	TNM Mon #18	Section 7, T20S, R37E	2
98-05A	TNM 98-05A	Section 26, T21S, R37E	1
LF-59	LF-59	Section 32, T19S, R37E	2

The proposed well locations are illustrated on the attached site maps. Plains requests your approval of the proposed monitor well locations at the above-referenced sites. We anticipate commencement of drilling activities the week of October 4, 2004.

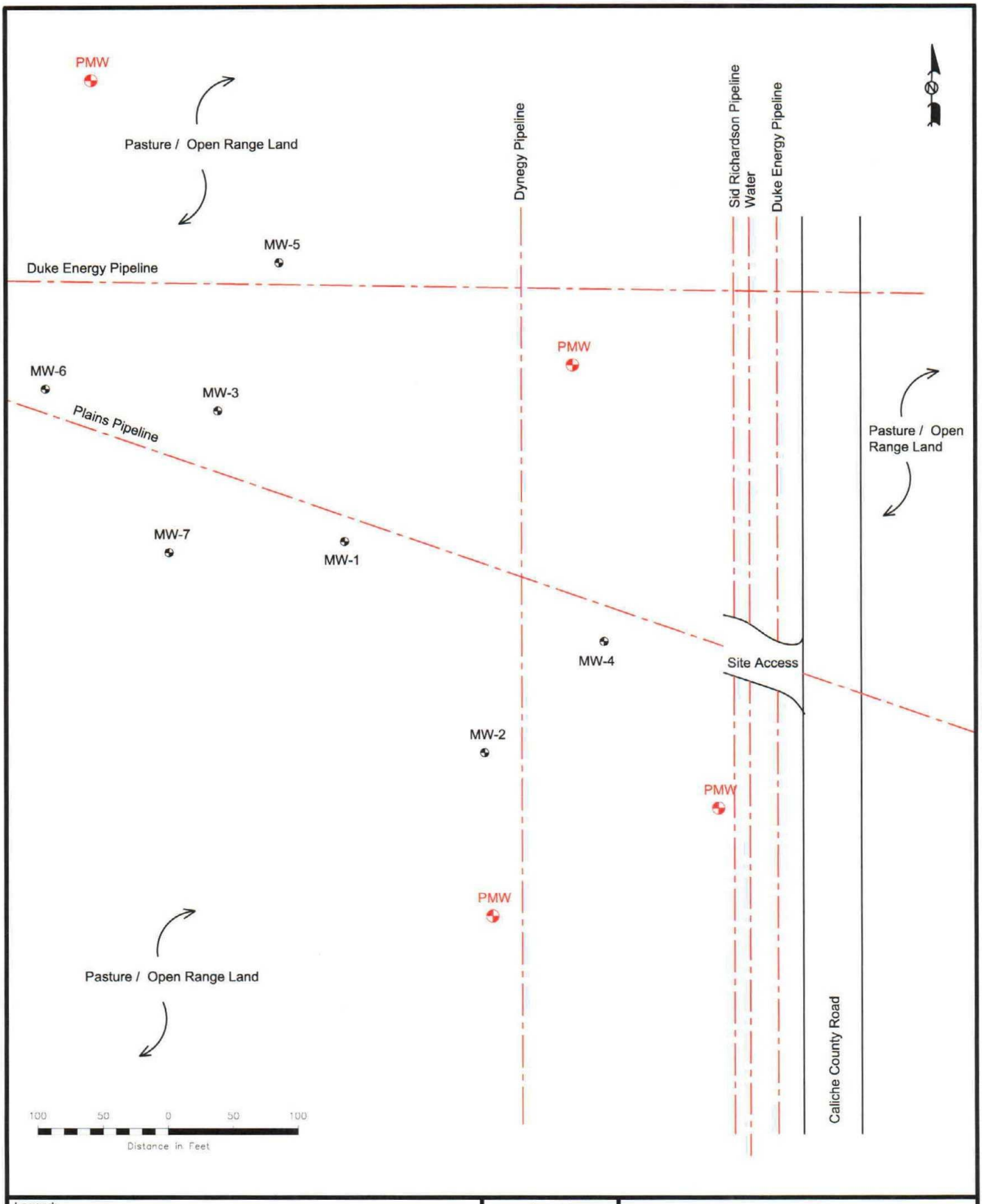
Should you have any questions or comments concerning this information, please contact me at (713) 646-4657.

Sincerely,

Jeffrey P. Dann, P.G.
Sr. Environmental Specialist
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM
Camille Reynolds, Plains
Todd Choban, Nova
Pat McCasland, EPI

File: c/jeff-files/OCD-DrillingSchOct2004



Legend:

Monitor Well Location

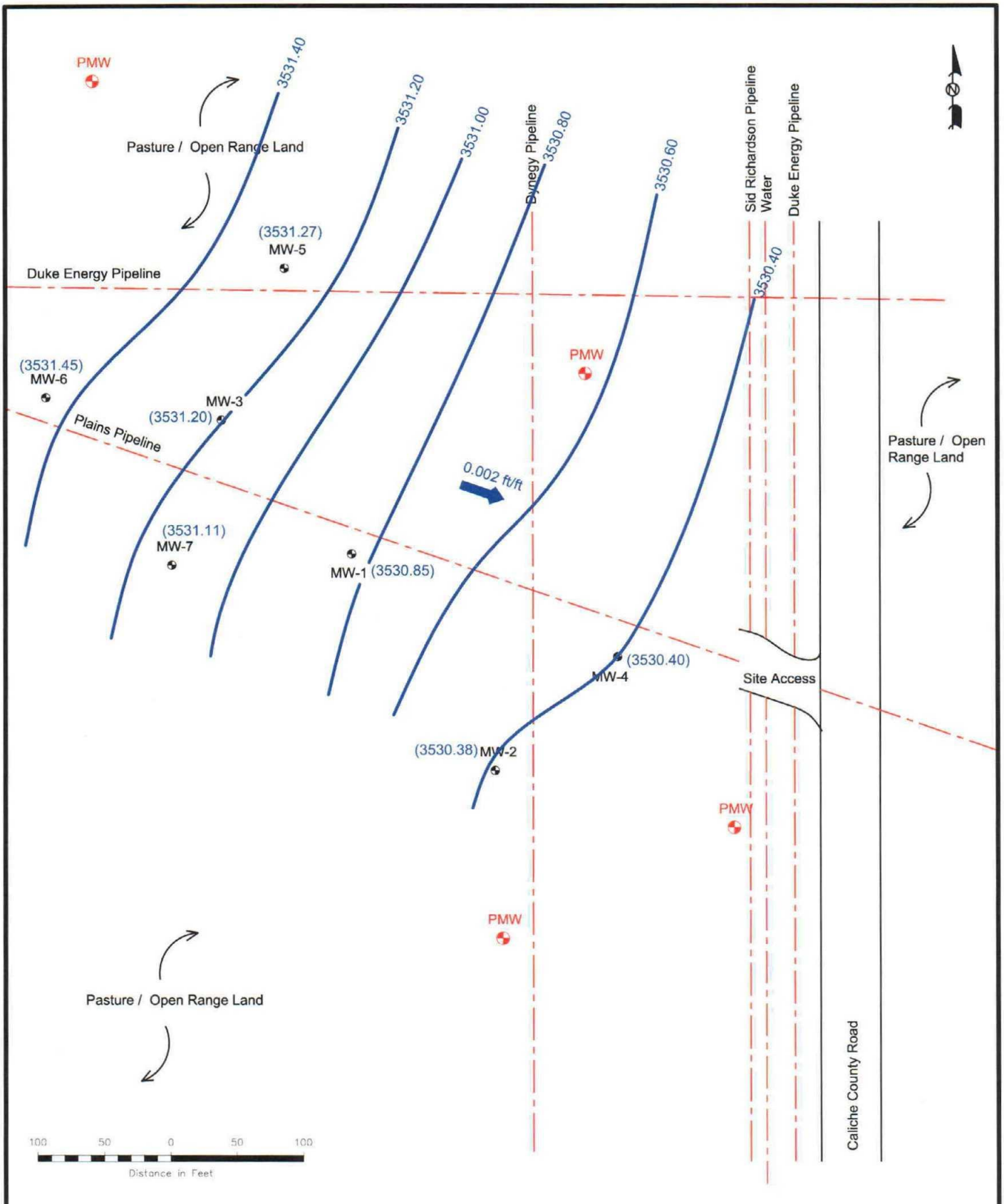
PMW Proposed Monitor Well

Figure 2
Site Map

Plains Pipeline, L.P.
Red Byrd No. 1
Lea County, NM

NOVA Safety and Environmental

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"	
Scale: 1" = 100'	Prep By: CS	Checked By: TKC
September 2, 2004		



Legend:

- Groundwater Gradient Contour (0.20' Intervals)
- (3532.27) Groundwater Elevation In Feet
- Monitor Well Location
- PMW Proposed Monitor Well
- 0.012 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2D
Inferred Ground Water Gradient Map (11/18/02)

Plains Pipeline, L.P.
Red Byrd No. 1
Lea County, NM

NOVA Safety and Environmental

SE1/4 NE1/4 Sec 1 T20S R36E		32° 36' 09.2"N 103° 17' 56.9"
Scale: 1" = 100'	Prep By: CS	Checked By: TKC
March 17, 2004		

ANNUAL MONITORING REPORT

RED BYRD #1

SE ¼ of the NE ¼ of SECTION 1, TOWNSHIP 20 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO
LINK ENERGY LEAK NUMBER: TNM RED BYRD #1
ETGI PROJECT NUMBER: LI2043

PREPARED FOR:

LINK ENERGY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

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

April 2004

Camille Reynolds
Project Manager

FOR TODD CHOBAN
Todd Choban
Regional Manager

TABLE OF CONTENTS

INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of Link Energy (Link), has prepared this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2002 only. Groundwater monitoring events were not conducted during calendar year 2003 due to site access restrictions imposed by the landowner. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was not conducted during the calendar year 2003 due to site restrictions imposed by the landowner. Groundwater monitoring was conducted during four monitoring events in calendar year 2002 to assess the levels and extent of dissolved phase and Phase-Separated Hydrocarbon (PSH) constituents. The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH, and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

FIELD ACTIVITIES

The site monitor wells were last gauged and sampled on February 28, May 14, August 19, and November 18, 2002. During each monitoring event the monitor wells were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Vista Trucking, Eunice, New Mexico utilizing a licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, constructed from measurements collected during quarterly sampling events are depicted on Figures 2A-2D, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as Table 1. Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2002, indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between groundwater monitor wells MW-4 and MW-6. The depth to groundwater, as measured from the top of the well casing, ranged between 35.95 to 38.84 feet in the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor wells MW-1, MW-2, MW-3, MW-4, and MW-5 during the 2002 annual monitoring period. Maximum thicknesses of 2.23 feet in monitor well MW-1, 2.17 feet in monitor well MW-2, 2.21 feet in monitor well MW-3, 1.60 feet in monitor well MW-4, and 1.45 feet in monitor well MW-5 were measured and are recorded on Table 1.

LABORATORY RESULTS

Groundwater samples collected during the 2002 monitoring events were delivered to AnalySys, Inc. in Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. A cumulative listing of BTEX constituent concentrations are summarized in Table 2 and copies of the laboratory reports generated during this reporting period are provided as Appendix A. The inferred extent of PSH and quarterly groundwater sample results for benzene and BTEX constituent concentrations are depicted on Figures 3A-3D, the Groundwater Concentration Maps.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2002 monitoring period indicate that benzene concentrations in groundwater monitor wells MW-6 and MW-7 were above NMOCD regulatory standards while total BTEX concentrations were below NMOCD regulatory standards in groundwater monitor wells not containing PSH.

SUMMARY

This report presents the results of groundwater monitoring activities for the annual monitoring period of calendar year 2002. Groundwater monitoring events were not conducted in the calendar year 2003 due to site access restrictions imposed by the landowner.

Groundwater elevation contours, generated from water level measurements acquired during the quarterly sampling events of 2002, indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between groundwater monitor wells MW-4 and MW-6.

A measurable thickness of PSH was detected in monitor wells MW-1, MW-2, MW-3, MW-4, and MW-5 during the 2002 annual monitoring period. Maximum thickness of 2.23 feet in monitor well MW-1, 2.17 feet in monitor well MW-2, 2.21 feet in monitor well MW-3, 1.60 feet in monitor well MW-4, and 1.45 feet in monitor well MW-5 were measured in the monitor wells. During the 2003 reporting period, approximately 195 gallons of PSH were recovered from the aforementioned monitor wells. A total of approximately 376 gallons of PSH has been recovered since the start of product recovery. Recovered PSH was reintroduced into the Link transportation system at the Lea Station Facility, Monument, New Mexico.

Review of laboratory analytical results generated from analysis of the groundwater samples obtained during the 2002 monitoring period indicated that benzene constituent concentrations were above NMOCD regulatory standards in groundwater monitor wells MW-6 and MW-7 while total BTEX concentrations were below applicable NMOCD regulatory standards in groundwater monitor wells not containing PSH.

DISTRIBUTION

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Hobbs, New Mexico 88240

Copy Number_____

Quality Control Review_____

FIGURES

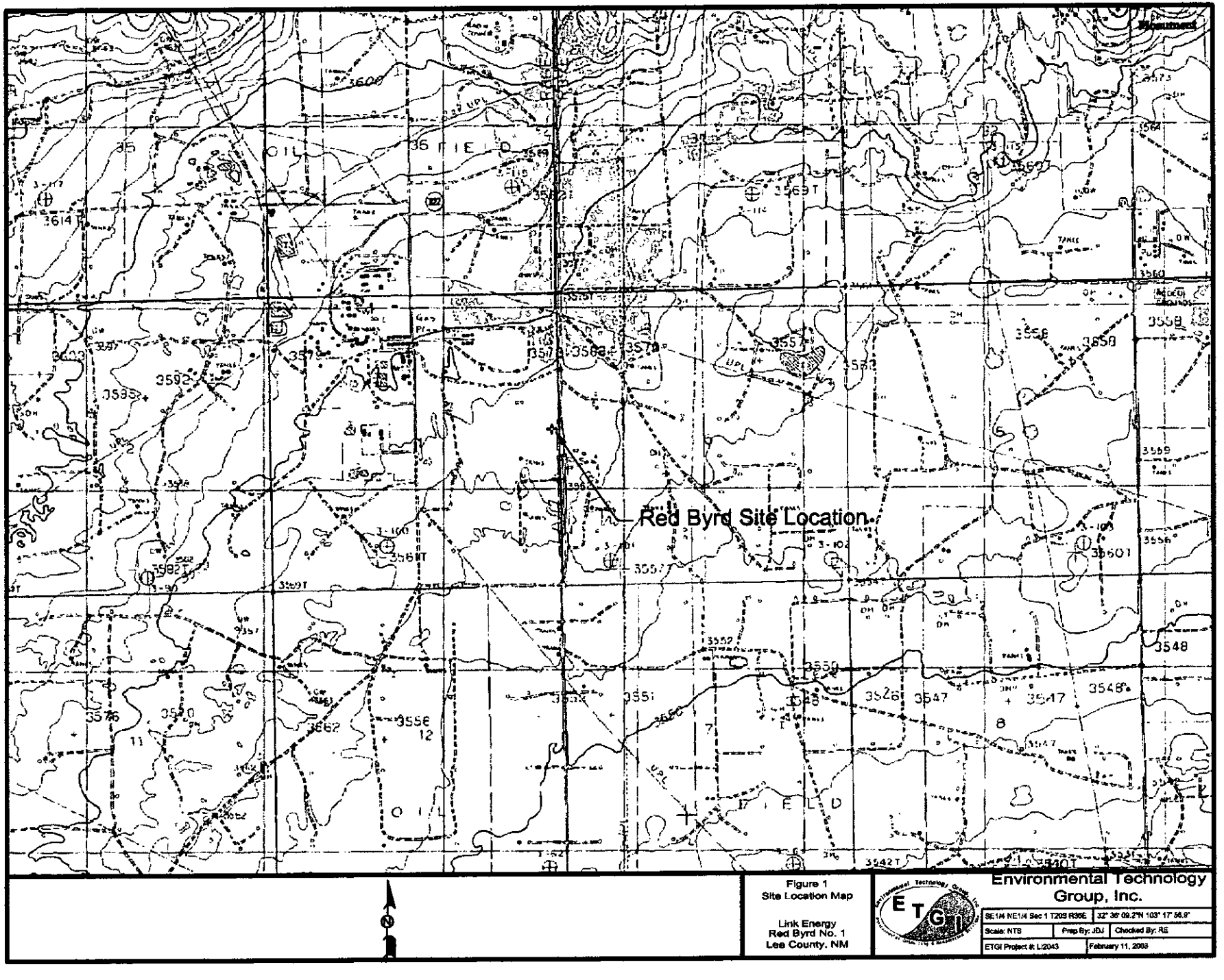
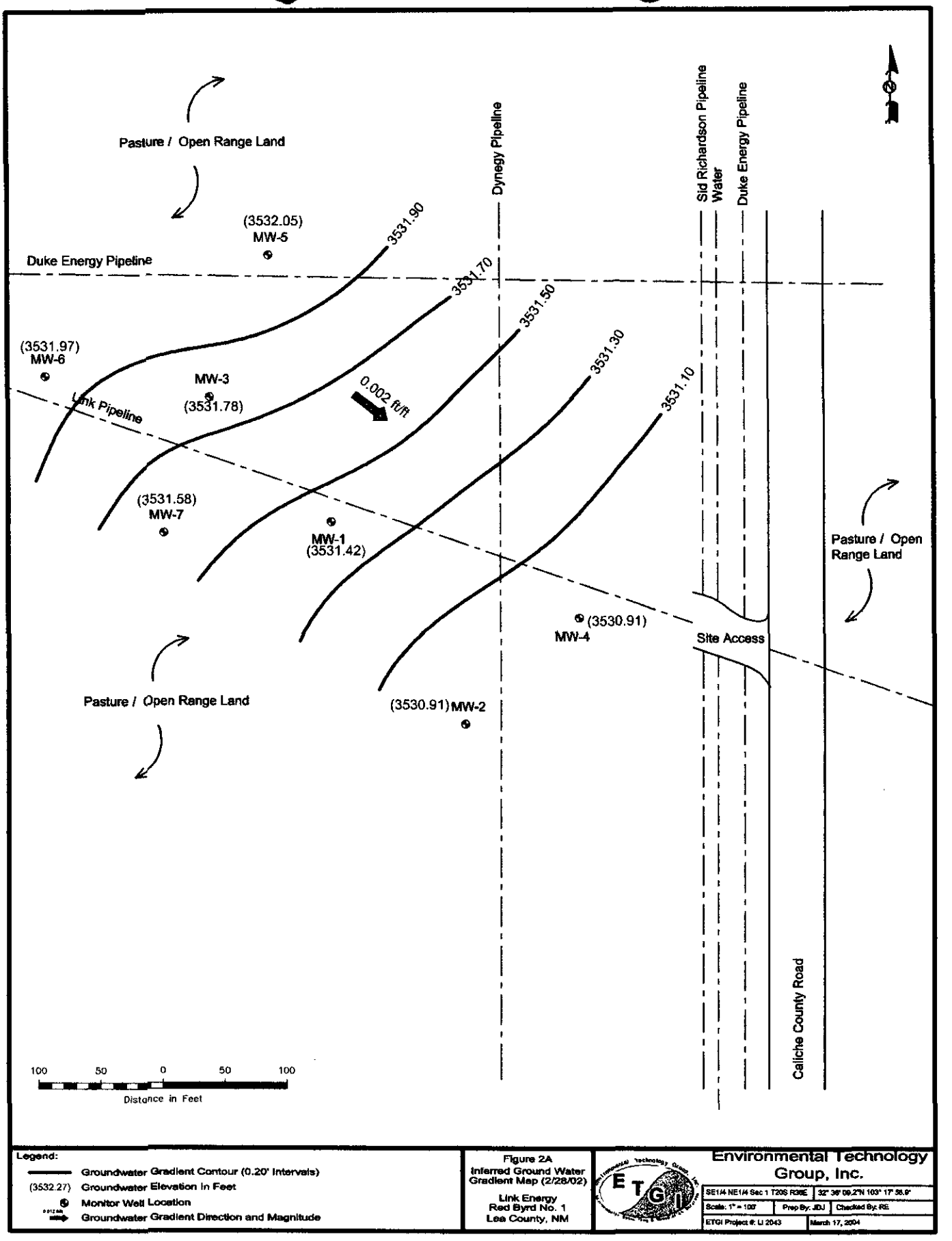


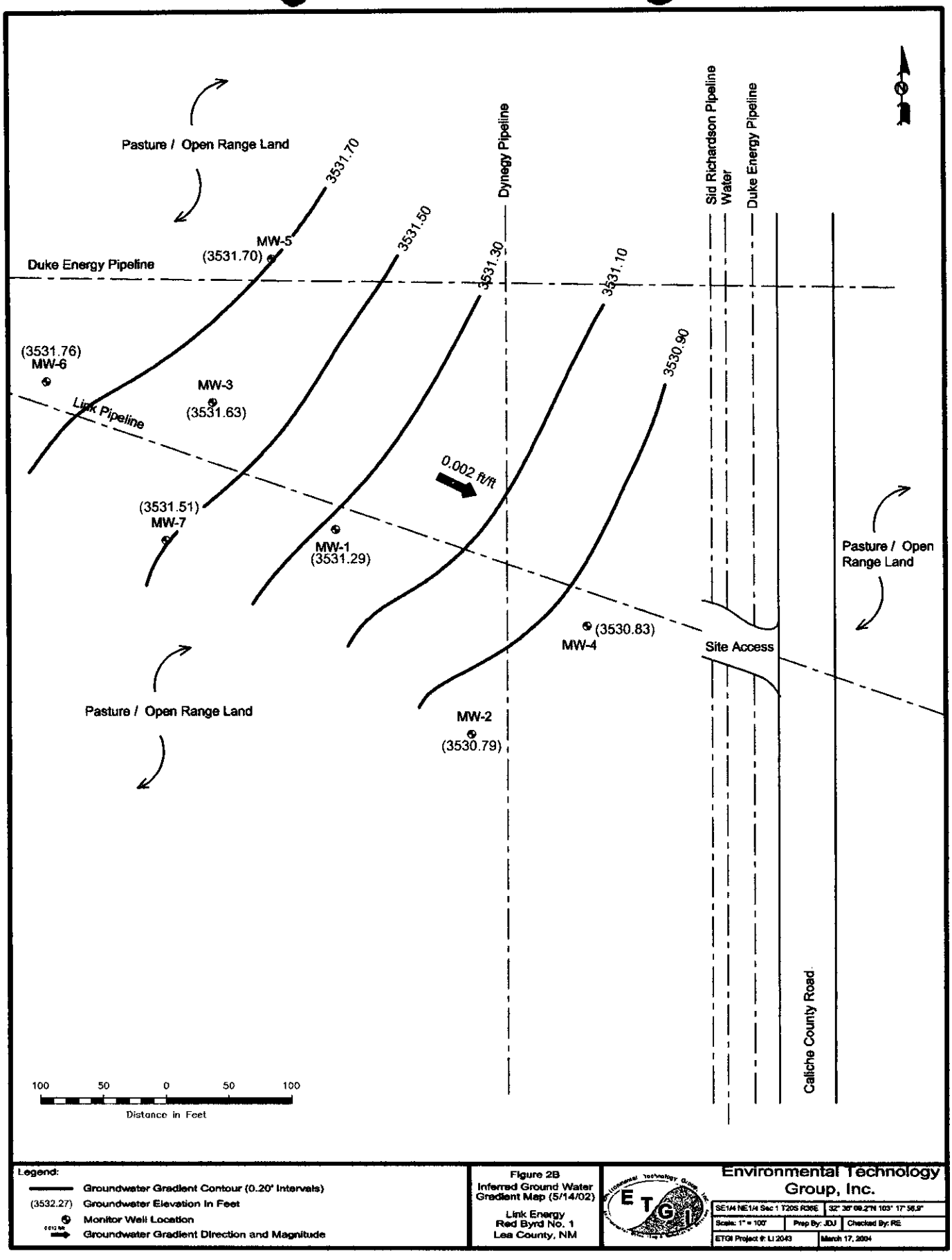
Figure 1
Site Location Map

Link Energy
Red Byrd No. 1
Lee County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E		32° 36' 09.2"N 103° 17' 56.9"
Scale: NTS	Prep By: JDJ	Checked By: RE
ETGI Project #: LI2043	February 11, 2003	


Pasture / Open Range Land
Dynegy Pipeline
Sid Richardson Pipeline
Water
Duke Energy Pipeline
(3532.05)
MW-5
3531.90
Duke Energy Pipeline
3531.70
3531.50
3531.30
3531.10
(3531.97)
MW-6
MW-3
(3531.78)
0.002 ft/ft
Link Pipeline
(3531.58)
MW-7
MW-1
(3531.42)
Pasture / Open
Range Land
(3530.91)
MW-4
Site Access
Pasture / Open Range Land
(3530.91) MW-2
Caliche County Road
100
50
0
50
100
Distance in Feet
Legend:
Groundwater Gradient Contour (0.20' Intervals)
(3532.27) Groundwater Elevation in Feet
Monitor Well Location
Groundwater Gradient Direction and Magnitude
Figure 2A
Inferred Ground Water Gradient Map (2/28/02)
Link Energy
Red Byrd No. 1
Lea County, NM
ETGI
Environmental Technology Group, Inc.
SE1/4 NE1/4 Sec 1 T20S R36E
32° 36' 09.2"N 103° 17' 36.9"
Scale: 1" = 100'
Prep By: JDJ
Checked By: RE
ETGI Project #: LI 2043
March 17, 2004



Legend:

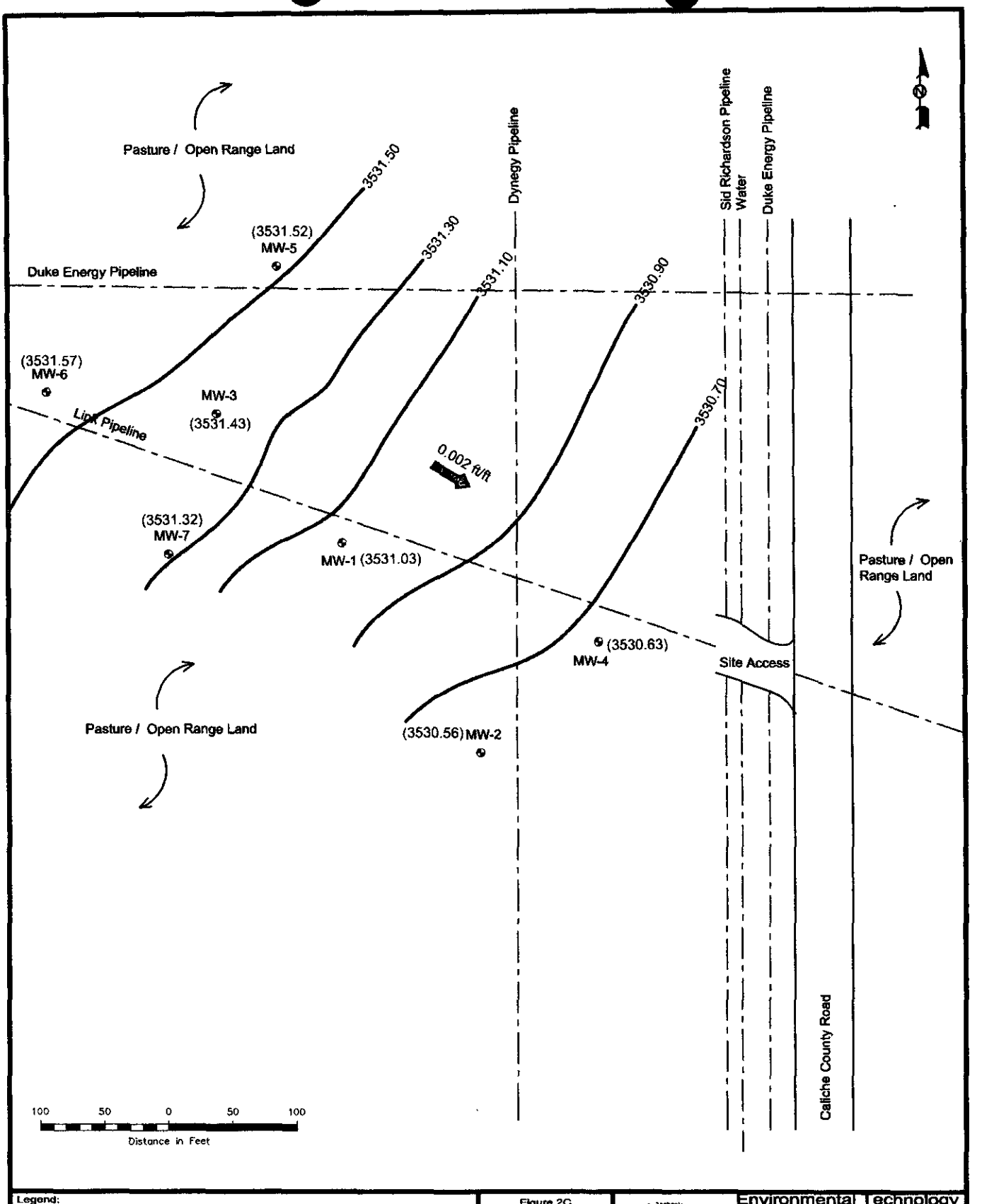
- Groundwater Gradient Contour (0.20' Intervals)
- (3532.27) Groundwater Elevation In Feet
- Monitor Well Location
- Groundwater Gradient Direction and Magnitude

Figure 2B
Inferred Ground Water Gradient Map (5/14/02)

Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 35' 09.2"N 103° 17' 56.9"	
Scale: 1" = 100'	Prep By: JDJ	Checked By: RE
ETGI Project #: LI 2043	March 17, 2004	



Legend:

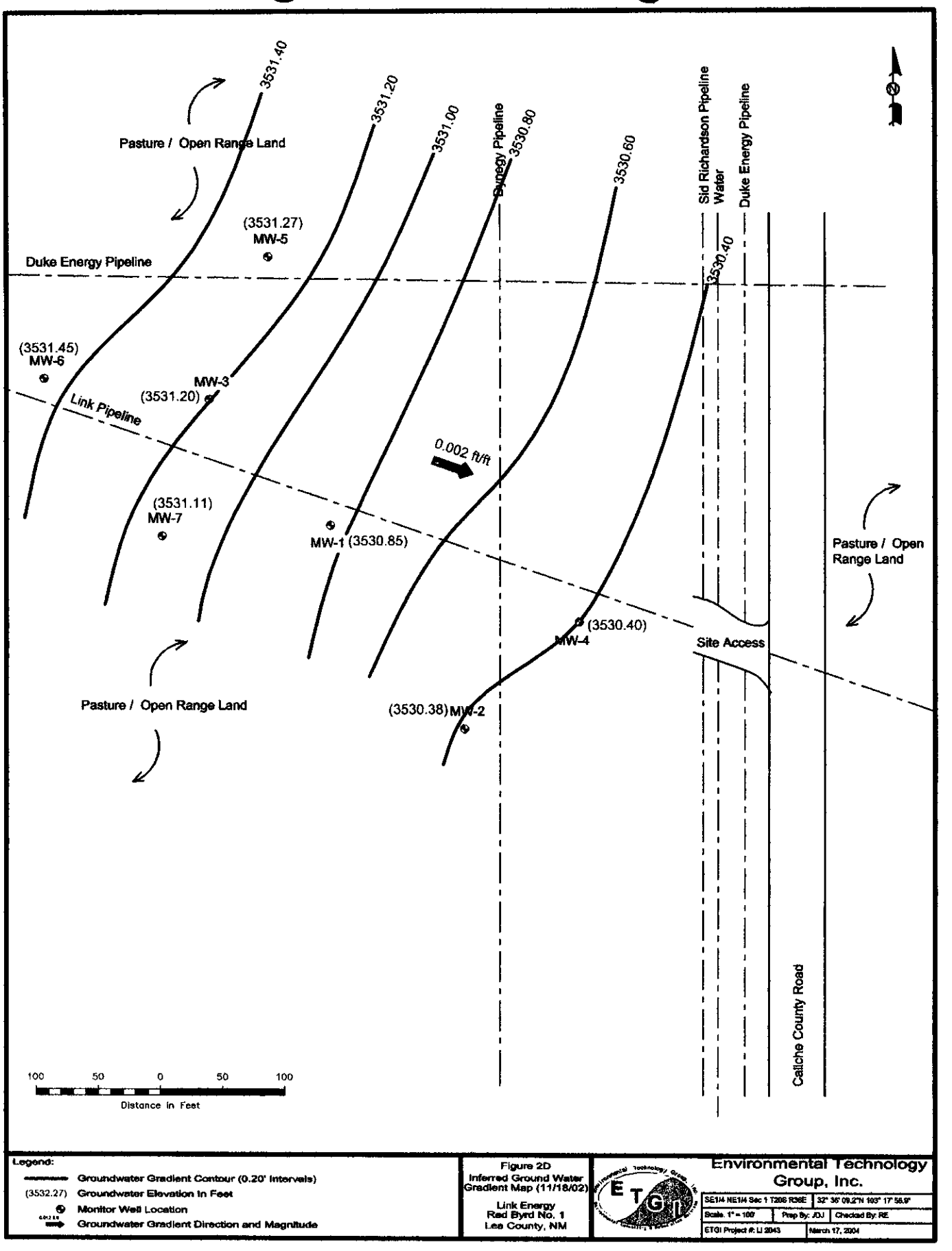
- Groundwater Gradient Contour (0.20' Intervals)
- (3532.27) Groundwater Elevation in Feet
- Monitor Well Location
- Groundwater Gradient Direction and Magnitude

Figure 2C
Inferred Ground Water Gradient Map (8/19/02)

Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"	
Scale: 1" = 100'	Prep By: JDJ	Checked By: RE
ETGI Project #: LI 2043	March 17, 2004	



Legend:

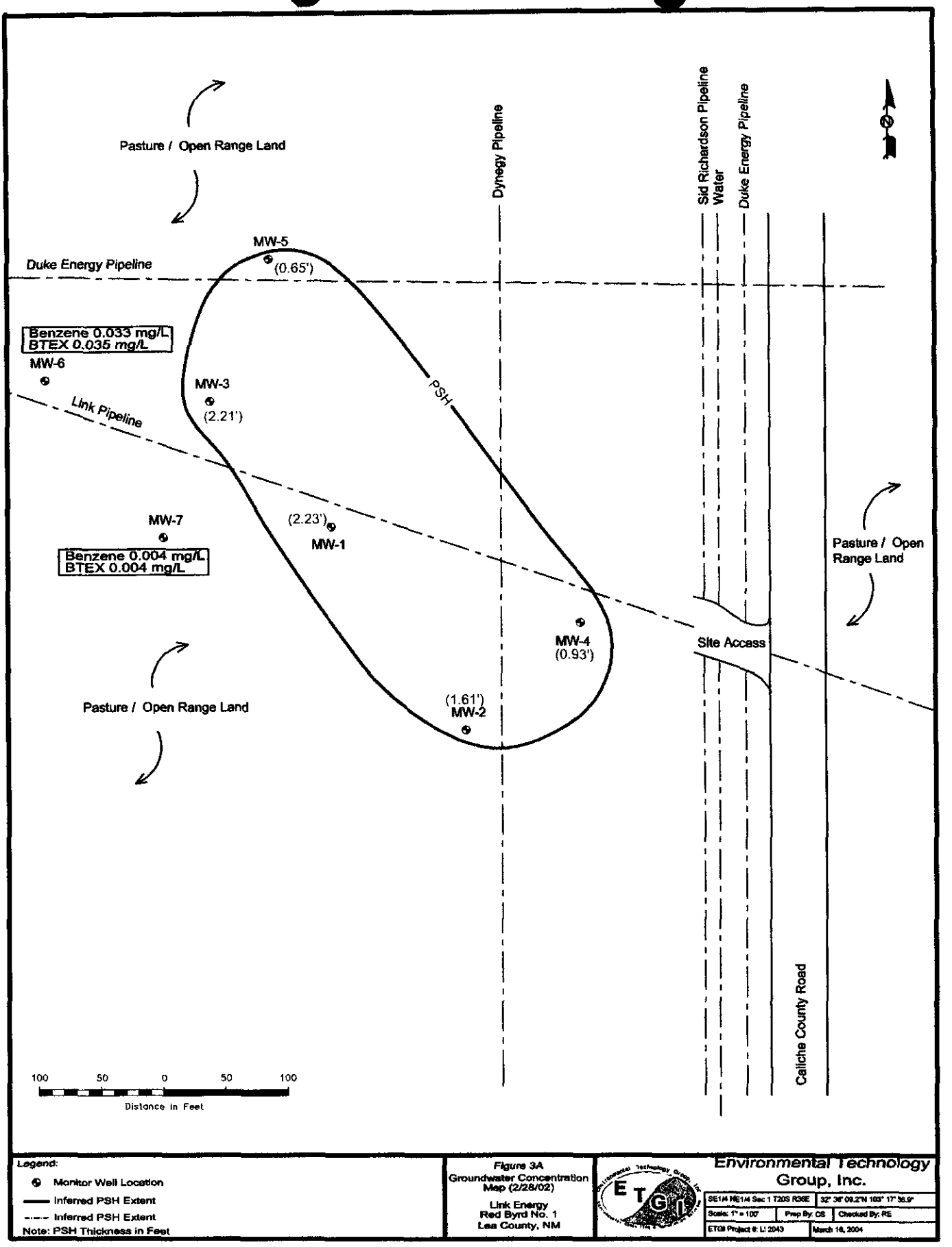
- Groundwater Gradient Contour (0.20' Intervals)
- (3532.27) Groundwater Elevation in Feet
- Monitor Well Location
- Groundwater Gradient Direction and Magnitude

Figure 2D
Inferred Ground Water Gradient Map (11/18/02)

Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E		32° 36' 09.2"N 103° 17' 56.9"
Scale: 1" = 100'	Prep By: JDJ	Checked By: RE
ETGI Project #: LI 2043		March 17, 2004



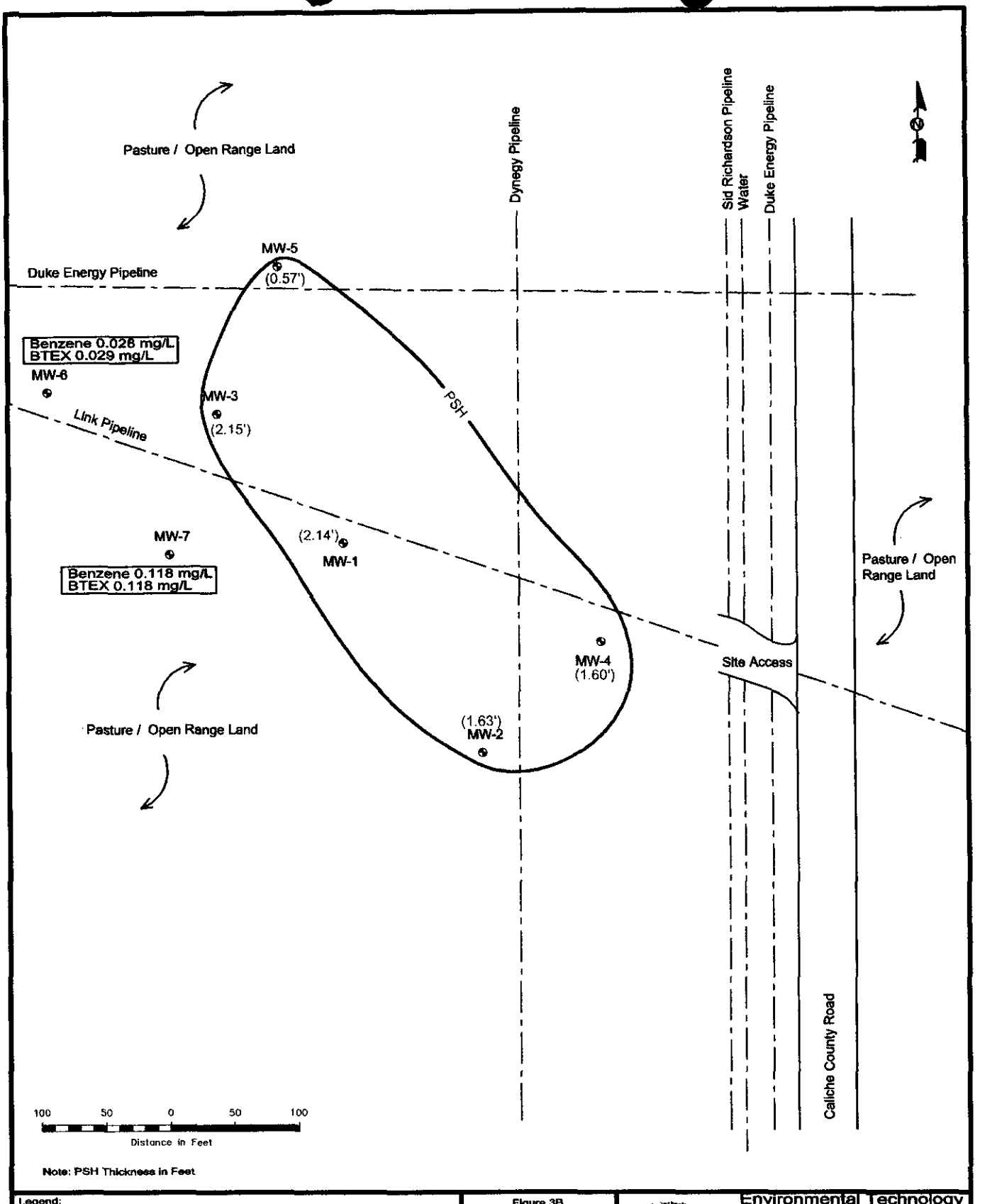
Legend:
- Monitor Well Location
- Inferred PSH Extent
- Inferred PSH Extent

Note: PSH Thickness in Feet

Figure 3A
Groundwater Concentration Map (2/28/02)
Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 36.9"	
Scale: 1" = 100'	Prep By: CS	Checked By: RE
ETGI Project #: LI 2043	March 16, 2004	



Legend:

- Monitor Well Location
- Inferred PSH Extent
- Inferred PSH Extent

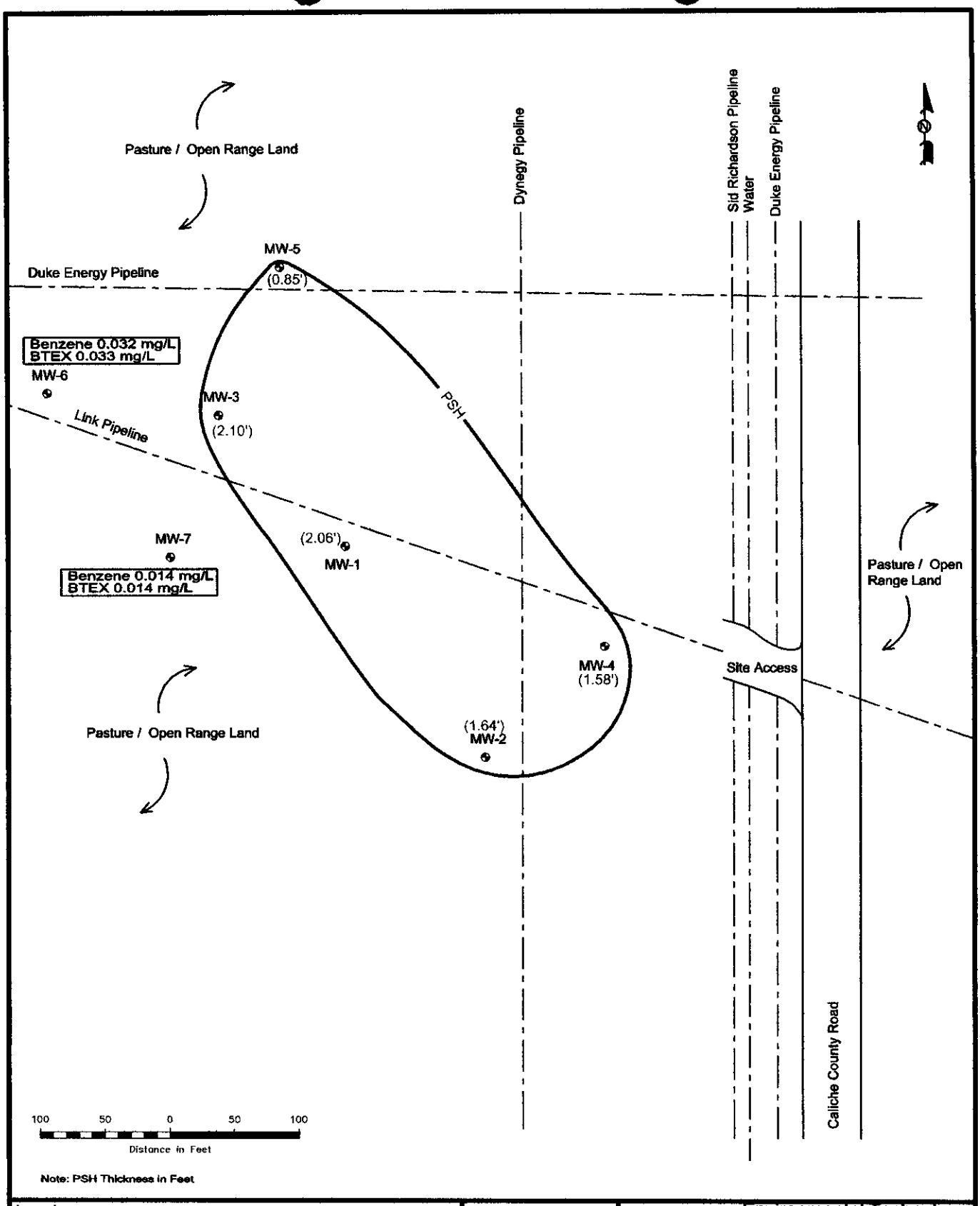
Note: PSH Thickness in Feet

Figure 3B
Groundwater Concentration Map (5/14/02)

Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"	
Scale: 1" = 100'	Prep By: CS	Checked By: RE
ETGI Project #: LI 2043	March 16, 2004	



Legend:

- Monitor Well Location
- Inferred PSH Extent
- Inferred PSH Extent

Note: PSH Thickness in Feet

Figure 3C
Groundwater Concentration Map (6/19/02)

Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 58.9"	
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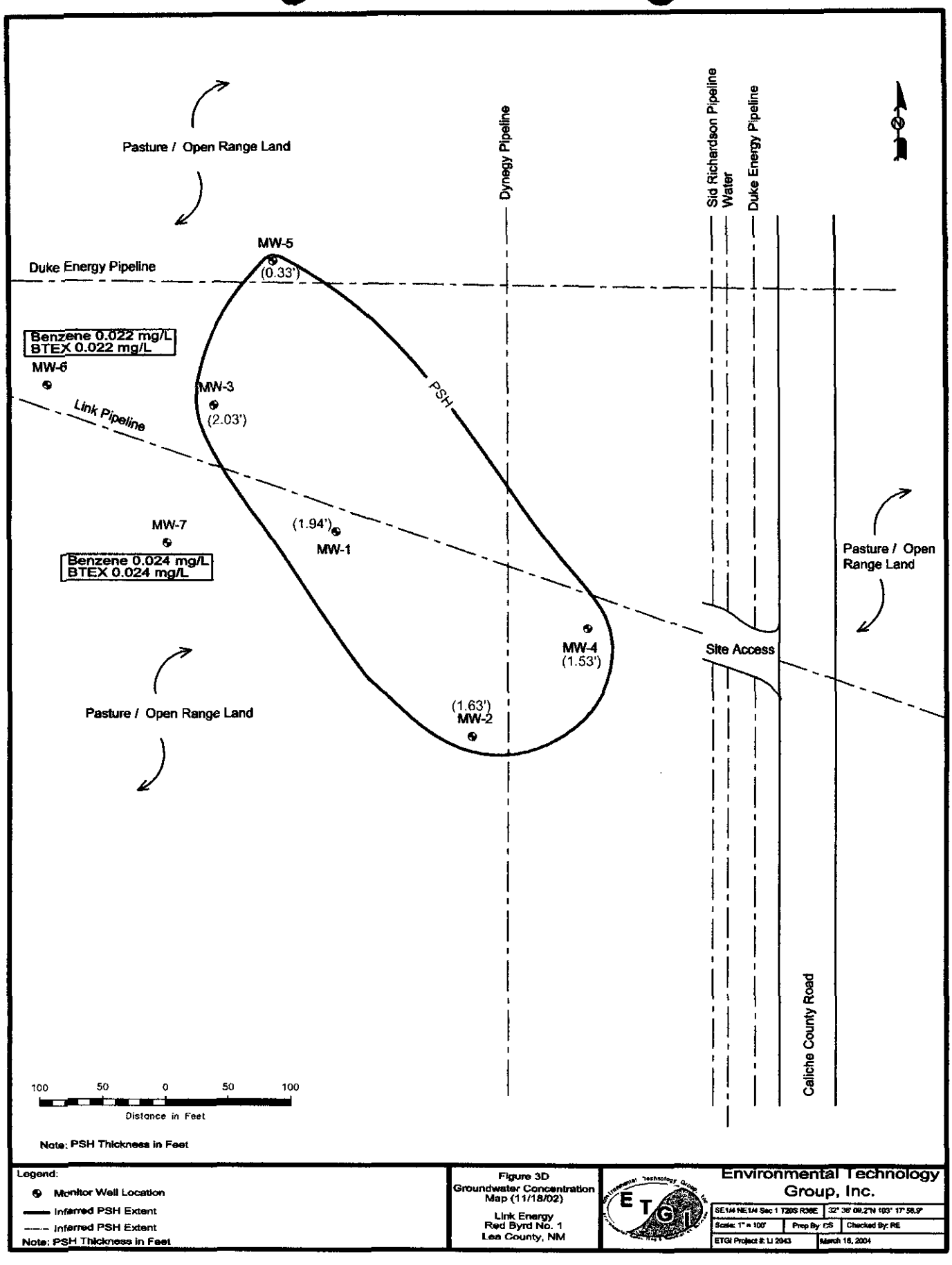
ETGI Project #: LI 2043	March 16, 2004	



Legend:
- Monitor Well Location
- Inferred PSH Extent
- Inferred PSH Extent

Note: PSH Thickness in Feet

Figure 3D
Groundwater Concentration Map (11/18/02)

Link Energy
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 56.9"	
Scale: 1" = 100'	Prep By: CS	Checked By: RE
ETGI Project #: LI 2043	March 16, 2004	

TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/25/00	3,567.59	ND	35.64	0.00	3,531.95
	05/15/00	3,567.59	ND	35.72	0.00	3,531.87
	09/14/00	3,567.59	ND	35.87	0.00	3,531.72
	12/05/00	3,567.59	ND	35.80	0.00	3,531.79
	03/07/01	3,567.59	35.85	35.89	0.04	3,531.73
	05/23/01	3,567.59	35.87	35.90	0.03	3,531.72
	08/06/01	3,567.59	35.90	35.96	0.06	3,531.68
	10/02/01	3,567.59	36.02	36.31	0.29	3,531.53
	02/28/02	3,567.59	35.84	38.07	2.23	3,531.42
	03/18/02	3,567.59	35.88	38.09	2.21	3,531.38
	03/28/02	3,567.59	35.89	38.08	2.19	3,531.37
	04/03/02	3,567.59	35.93	38.03	2.10	3,531.35
	04/12/02	3,567.59	35.92	38.08	2.16	3,531.35
	04/16/02	3,567.59	35.95	38.13	2.18	3,531.31
	05/03/02	3,567.59	35.96	38.11	2.15	3,531.31
	05/10/02	3,567.59	35.94	38.12	2.18	3,531.32
	05/14/02	3,567.59	35.98	38.12	2.14	3,531.29
	05/24/02	3,567.59	36.03	38.20	2.17	3,531.23
	06/10/02	3,567.59	36.08	38.22	2.14	3,531.19
	06/19/02	3,567.59	36.12	38.25	2.13	3,531.15
	07/03/02	3,567.59	36.16	38.25	2.09	3,531.12
	07/11/02	3,567.59	36.17	38.22	2.05	3,531.11
	07/16/02	3,567.59	36.12	38.21	2.09	3,531.16
	08/19/02	3,567.59	36.25	38.31	2.06	3,531.03
	08/27/02	3,567.59	36.21	38.26	2.05	3,531.07
	09/05/02	3,567.59	36.27	38.29	2.02	3,531.02
	10/03/02	3,567.59	36.32	38.34	2.02	3,530.97
	10/08/02	3,567.59	36.34	38.34	2.00	3,530.95
	10/15/02	3,567.59	36.37	38.34	1.97	3,530.92
	11/18/02	3,567.59	36.45	38.39	1.94	3,530.85
MW - 2	02/25/00	3,567.55	ND	36.05	0.00	3,531.50
	05/15/00	3,567.55	ND	36.12	0.00	3,531.43
	09/14/00	3,567.55	ND	36.30	0.00	3,531.25

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/05/00	3,567.55	ND	35.88	0.00	3,531.67
	03/07/01	3,567.55	36.00	37.37	1.37	3,531.34
	05/23/01	3,567.55	35.90	37.44	1.54	3,531.42
	08/06/01	3,567.55	36.20	37.13	0.93	3,531.21
	10/02/01	3,567.55	36.18	36.38	0.20	3,531.34
	02/28/02	3,567.55	36.40	38.01	1.61	3,530.91
	03/18/02	3,567.55	36.44	38.05	1.61	3,530.87
	03/28/02	3,567.55	36.42	38.07	1.65	3,530.88
	04/03/02	3,567.55	36.45	38.06	1.61	3,530.86
	04/12/02	3,567.55	36.47	38.08	1.61	3,530.84
	04/16/02	3,567.55	36.51	38.02	1.51	3,530.81
	05/03/02	3,567.55	36.51	38.12	1.61	3,530.80
	05/10/02	3,567.55	36.50	38.10	1.60	3,530.81
	05/14/02	3,567.55	36.52	38.15	1.63	3,530.79
	05/24/02	3,567.55	36.57	38.20	2.17	3,531.19
	06/10/02	3,567.55	36.61	38.23	1.62	3,530.70
	06/19/02	3,567.55	36.62	38.27	1.65	3,530.68
	07/03/02	3,567.55	36.66	38.30	1.64	3,530.64
	07/11/02	3,567.55	36.67	38.31	1.59	3,530.59
	07/16/02	3,567.55	36.64	38.28	1.64	3,530.66
	08/19/02	3,567.55	36.74	38.38	1.64	3,530.56
	08/27/02	3,567.55	36.71	38.36	1.65	3,530.59
	09/05/02	3,567.55	36.74	38.39	1.65	3,530.56
	10/03/02	3,567.55	36.82	38.45	1.63	3,530.49
	10/08/02	3,567.55	36.83	38.48	1.65	3,530.47
	10/15/02	3,567.55	36.86	38.50	1.64	3,530.44
	11/18/02	3,567.55	36.93	38.56	1.63	3,530.38
MW - 3	02/25/00	3,567.55	ND	35.27	0.00	3,532.28
	05/15/00	3,567.55	35.34	35.44	0.10	3,532.20
	09/14/00	3,567.55	34.99	37.20	2.21	3,532.23
	12/05/00	3,567.55	34.94	37.38	2.44	3,532.24
	03/07/01	3,567.55	35.25	36.42	1.17	3,532.12
	05/23/01	3,567.55	35.22	36.46	1.24	3,532.14
	08/03/01	3,567.55	35.14	37.20	2.06	3,532.10
	10/02/01	3,567.55	35.28	37.14	1.86	3,531.99

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	02/28/02	3,567.55	35.44	37.65	2.21	3,531.78
	03/18/02	3,567.55	35.88	38.09	2.21	3,531.34
	03/28/02	3,567.55	35.53	37.60	2.07	3,531.71
	04/03/02	3,567.55	35.56	37.49	1.93	3,531.70
	04/12/02	3,567.55	35.57	37.64	2.07	3,531.67
	04/16/02	3,567.55	35.55	37.71	2.16	3,531.68
	05/03/02	3,567.55	35.57	37.73	2.16	3,531.66
	05/10/02	3,567.55	35.56	37.73	2.17	3,531.66
	05/14/02	3,567.55	35.60	37.75	2.15	3,531.63
	05/24/02	3,567.55	35.65	37.81	1.63	3,531.13
	06/10/02	3,567.55	35.68	37.74	2.06	3,531.56
	06/19/02	3,567.55	35.72	37.86	2.14	3,531.51
	07/03/02	3,567.55	35.75	37.89	2.14	3,531.48
	07/11/02	3,567.55	35.77	37.89	2.12	3,531.46
	07/16/02	3,567.55	35.74	37.85	2.11	3,531.49
	08/19/02	3,567.55	35.81	37.91	2.10	3,531.43
	08/27/02	3,567.55	35.82	37.91	2.09	3,531.42
	09/05/02	3,567.55	35.87	37.91	2.04	3,531.37
	10/03/02	3,567.55	35.93	38.01	2.08	3,531.31
	10/08/02	3,567.55	35.94	38.01	2.07	3,531.30
	10/15/02	3,567.55	35.99	37.98	1.99	3,531.26
	11/18/02	3,567.55	36.05	38.08	2.03	3,531.20
MW - 4	02/25/00	3,567.80	ND	36.22	0.00	3,531.58
	05/15/00	3,567.80	ND	36.34	0.00	3,531.46
	09/14/00	3,567.80	ND	36.50	0.00	3,531.30
	12/05/00	3,567.80	ND	36.51	0.00	3,531.29
	03/07/01	3,567.80	36.47	36.51	0.04	3,531.32
	05/23/01	3,567.80	36.51	36.55	0.04	3,531.28
	08/06/01	3,567.80	36.06	36.42	0.36	3,531.69
	10/02/01	3,567.80	36.50	37.54	1.04	3,531.14
	02/28/02	3,567.80	36.75	37.68	0.93	3,530.91
	03/18/02	3,567.80	36.80	37.77	0.97	3,530.85
	03/28/02	3,567.80	36.97	37.30	0.33	3,530.78
	04/03/02	3,567.80	36.97	37.23	0.26	3,530.79
	04/12/02	3,567.80	36.98	37.27	0.27	3,530.76
	04/16/02	3,567.80	36.99	37.30	0.31	3,530.76

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	05/03/02	3,567.80	36.77	38.11	1.34	3,530.83
	05/10/02	3,567.80	36.94	38.33	1.54	3,530.78
	05/14/02	3,567.80	36.73	38.33	1.60	3,530.83
	05/24/02	3,567.80	36.78	38.36	1.58	3,530.78
	06/10/02	3,567.80	36.82	38.41	1.59	3,530.74
	06/19/02	3,567.80	36.84	38.43	1.59	3,530.72
	07/03/02	3,567.80	36.88	38.45	1.57	3,530.68
	07/11/02	3,567.80	36.89	38.48	1.59	3,530.67
	07/16/02	3,567.80	36.85	38.44	1.59	3,530.71
	08/19/02	3,567.80	36.93	38.51	1.58	3,530.63
	08/27/02	3,567.80	36.94	38.51	1.57	3,530.62
	09/05/02	3,567.80	36.97	38.54	1.57	3,530.59
	10/03/02	3,567.80	37.04	38.60	1.56	3,530.53
	10/08/02	3,567.80	37.06	38.61	1.55	3,530.51
	10/15/02	3,567.80	37.08	38.64	1.56	3,530.49
	11/18/02	3,567.80	37.17	38.70	1.53	3,530.40
MW-5	02/25/00	3,569.50	ND	37.24	0.00	3,532.26
	05/15/00	3,569.50	36.82	37.96	1.14	3,532.51
	09/14/00	3,569.50	36.81	38.50	1.14	3,531.97
	12/05/00	3,569.50	36.85	38.44	1.55	3,532.38
	03/07/01	3,569.50	37.10	37.57	0.47	3,532.33
	05/23/01	3,569.50	37.07	37.55	0.48	3,532.36
	08/06/01	3,569.50	37.10	37.18	0.08	3,532.39
	10/02/01	3,569.50	37.18	38.15	0.97	3,532.17
	02/28/02	3,569.50	37.35	38.00	0.65	3,532.05
	03/18/02	3,569.50	37.39	38.84	1.45	3,531.89
	03/28/02	3,569.50	37.54	38.47	0.93	3,531.82
	04/03/02	3,569.50	37.61	38.24	0.63	3,531.80
	04/12/02	3,569.50	37.63	38.27	0.64	3,531.77
	04/16/02	3,569.50	37.63	38.32	0.69	3,531.77
	05/03/02	3,569.50	37.67	38.28	0.61	3,531.74
	05/10/02	3,569.50	37.66	38.28	0.62	3,531.75
	05/14/02	3,569.50	37.71	38.28	0.57	3,531.70

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	05/24/02	3,569.50	37.73	38.37	0.64	3,531.67
	06/10/02	3,569.50	37.73	38.52	0.79	3,531.65
	06/19/02	3,569.50	37.76	38.60	0.84	3,531.61
	07/03/02	3,569.50	37.77	38.71	0.94	3,531.59
	07/11/02	3,569.50	37.78	38.74	0.96	3,531.58
	07/16/02	3,569.50	37.75	38.71	0.96	3,531.61
	08/19/02	3,569.50	37.85	38.70	0.85	3,531.52
	08/27/02	3,569.50	37.84	38.75	0.91	3,531.52
	09/05/02	3,569.50	38.00	38.34	0.34	3,531.45
	10/03/02	3,569.50	38.05	38.42	0.37	3,531.39
	10/08/02	3,569.50	38.07	38.46	0.41	3,531.39
	10/15/02	3,569.50	38.09	38.49	0.40	3,531.35
	11/18/02	3,569.50	38.18	38.51	0.33	3,531.27
MW - 6	02/25/00	3,569.09	ND	36.50	0.00	3,532.59
	05/15/00	3,569.09	ND	36.58	0.00	3,532.51
	09/14/00	3,569.09	ND	36.75	0.00	3,532.34
	12/05/00	3,569.09	ND	36.76	0.00	3,532.33
	03/07/01	3,569.09	ND	36.65	0.00	3,532.44
	05/23/01	3,569.09	ND	36.62	0.00	3,532.47
	08/06/01	3,569.09	ND	36.73	0.00	3,532.36
	10/02/01	3,569.09	ND	36.82	0.00	3,532.27
	02/28/02	3,569.09	ND	37.12	0.00	3,531.97
	05/14/02	3,569.09	ND	37.33	0.00	3,531.76
	08/19/02	3,569.09	ND	37.52	0.00	3,531.57
	10/23/02	3,569.09	ND	37.67	0.00	3,531.42
	11/18/02	3,569.09	ND	37.64	0.00	3,531.45
MW - 7	02/25/00	3,567.53	ND	35.29	0.00	3,532.24
	05/15/00	3,567.53	ND	35.37	0.00	3,532.16
	09/14/00	3,567.53	ND	35.55	0.00	3,531.98
	12/05/00	3,567.53	ND	35.55	0.00	3,531.98
	03/07/01	3,567.53	ND	35.45	0.00	3,532.08
	05/23/01	3,567.53	ND	35.43	0.00	3,532.10
	08/06/01	3,567.53	ND	35.59	0.00	3,531.94
	10/02/01	3,567.53	ND	35.62	0.00	3,531.91
	02/28/02	3,567.53	ND	35.95	0.00	3,531.58
	05/14/02	3,567.53	ND	36.02	0.00	3,531.51

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	08/19/02	3,567.53	ND	36.21	0.00	3,531.32
	10/23/02	3,567.53	ND	36.44	0.00	3,531.09
	11/18/02	3,567.53	ND	36.42	0.00	3,531.11

Elevations based on the North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
RED BYRD 1
LEA COUNTY, NM
ETGI PROJECT # LI 2043

All Concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B,5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	02/02/00	0.088	0.003	<0.001	0.002	<0.001
	05/15/00	0.120	0.003	0.002	0.002	<0.001
	09/14/00	0.361	0.002	0.002	<0.001	<0.001
	12/05/00	0.483	0.001	0.001	0.001	<0.001
MW - 2	02/02/00	0.008	<0.001	<0.001	<0.001	<0.001
	05/15/00	0.059	<0.001	<0.001	<0.001	<0.001
	09/14/00	0.104	<0.001	<0.001	<0.001	<0.001
	12/05/00	0.180	<0.001	0.003	0.001	<0.001
MW - 3	02/02/00	0.158	0.006	0.005	0.006	0.002
MW - 4	02/02/00	0.003	<0.001	<0.001	<0.001	<0.001
	05/15/00	0.002	0.001	0.001	<0.001	<0.001
	09/14/00	0.007	<0.001	0.006	0.004	<0.001
	12/05/00	0.013	0.001	0.004	0.003	<0.001
MW - 5	02/02/00	0.032	0.043	0.196	0.152	0.018
MW - 6	02/02/00	0.047	0.002	0.004	0.004	0.002
	05/15/00	0.055	0.002	0.005	0.002	0.001
	09/14/00	0.046	0.002	0.003	<0.001	<0.001
	12/05/00	0.073	0.001	0.006	0.005	0.001
	03/07/01	0.124	<0.001	0.002	0.001	0.003
	05/23/01	0.050	0.005	<0.005	<0.005	
	08/06/01	0.042	<0.001	0.001	<0.001	<0.001
	10/02/01	0.017	<0.001	<0.001	<0.001	<0.001
	02/28/02	0.033	<0.001	0.002	<0.001	<0.001
	05/14/02	0.028	<0.001	0.001	<0.001	<0.001
	08/19/02	0.032	<0.001	0.001	<0.001	<0.001
	11/18/02	0.022	<0.001	<0.001	<0.001	<0.001
MW - 7	02/02/00	0.007	<0.001	0.001	0.002	<0.001
	05/15/00	0.004	<0.001	0.001	<0.001	<0.001
	09/14/00	0.046	<0.001	0.002	<0.001	<0.001
	12/05/00	0.062	<0.001	0.002	<0.001	<0.001
	03/07/01	0.076	<0.001	<0.001	0.001	0.003
	05/23/01	0.015	<0.005	<0.005	<0.005	
	08/06/01	0.011	<0.001	<0.001	<0.001	<0.001
	10/02/01	0.025	<0.001	<0.001	<0.001	<0.001
	02/28/02	0.004	<0.001	<0.001	<0.001	<0.001
	05/14/02	0.118	<0.001	<0.001	<0.001	<0.001
	08/19/02	0.014	<0.001	<0.001	<0.001	<0.001
	11/18/02	0.024	<0.001	<0.001	<0.001	<0.001

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
RED BYRD 1
LEA COUNTY, NM
ETGI PROJECT # LI 2043

All Concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B,5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
EB - 1	09/14/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/05/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/07/01	<0.001	<0.001	<0.001	<0.001	<0.001
	05/23/01	<0.005	<0.005	<0.005	<0.005	
	08/06/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/02/02	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/14/02	<0.001	<0.001	<0.001	<0.001	<0.001
	08/19/02	<0.001	<0.001	<0.001	<0.001	<0.001
	11/18/02	<0.001	<0.001	<0.001	<0.001	<0.001

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

APPENDICES

Appendix A

Laboratory Reports

AnalySys 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

FILE

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#: 126616 **Report Date:** 03/12/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6
Sample Matrix: water
Date Received: 03/07/2002 **Time:** 09:45
Date Sampled: 02/28/2002 **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	---		---		03/09/02	8260b	---	---	---	---	---
Benzene	33.2	µg/L	1	<1	03/09/02	8260b	---	1.1	83.8	83.8	89
Ethylbenzene	2.14	µg/L	1	<1	03/09/02	8260b	---	2.9	98.1	103.7	101.3
m,p-Xylenes	<1	µg/L	1	<1	03/09/02	8260b	J	2.5	98.4	104.2	101.7
o-Xylene	<1	µg/L	1	<1	03/09/02	8260b	---	1.8	97.5	102.3	100.5
Toluene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	82.9	83.6	87.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** MW 6	**Report#/Lab ID#:** 126616 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126616 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 126617 **Report Date:** 03/12/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 7
Sample Matrix: water
Date Received: 03/07/2002 **Time:** 09:45
Date Sampled: 02/28/2002 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		03/09/02	8260b	---	---	---	---	---
Benzene	4.48	µg/L	1	<1	03/09/02	8260b	---	1.1	83.8	83.8	89
Ethylbenzene	<1	µg/L	1	<1	03/09/02	8260b	---	2.9	98.1	103.7	101.3
m,p-Xylenes	<1	µg/L	1	<1	03/09/02	8260b	---	2.5	98.4	104.2	101.7
o-Xylene	<1	µg/L	1	<1	03/09/02	8260b	---	1.8	97.5	102.3	100.5
Toluene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	82.9	83.6	87.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.
[redacted]
2209 N. Padre Island Dr., Corpus Christi, TX [redacted]
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** MW 7	**Report#/Lab ID#:** 126617 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.8	80-120	---
Toluene-d8	8260b	102	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 126618 **Report Date:** 03/12/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: EB 1
Sample Matrix: water
Date Received: 03/07/2002 **Time:** 09:45
Date Sampled: 02/28/2002 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		03/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	83.8	83.8	89
Ethylbenzene	<1	µg/L	1	<1	03/09/02	8260b	---	2.9	98.1	103.7	101.3
m,p-Xylenes	<1	µg/L	1	<1	03/09/02	8260b	---	2.5	98.4	104.2	101.7
o-Xylene	<1	µg/L	1	<1	03/09/02	8260b	---	1.8	97.5	102.3	100.5
Toluene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	82.9	83.6	87.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.
[redacted]Freid[redacted]ane,[redacted]190,[redacted]n, T[redacted]744[redacted]
2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Red Byrd I EOT 2043C **Sample Name:** EB I	**Report#/Lab ID#:** 126618 **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	103	88-110	---

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

COC: 031

1784

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4760

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

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Red Byrd 1 Sampler: Simon Casas
EOT-20643C

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
mw6	2-28-02	0930	2		X		126616	X	
mw7	↓	0900	↓		↓		126617	↓	
EB1	↓	0945	↓		↓		126618	↓	

(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
Simon Casas	ETGI	3-6-02	1200	Melanie Humphreys	ASI	3/7/02	09:45

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

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#: 129479 **Report Date:** 05/20/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	28.3	µg/L	1	<1	05/16/02	8260b	---	8.9	99.2	108.9	91.5
Ethylbenzene	1.37	µg/L	1	<1	05/16/02	8260b	---	3.6	101.8	105.2	103
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	J	3.3	102.2	106.9	101.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	3	101.9	102.3	103.3
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	8.5	105.8	107.5	98.1

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSIS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** MW 6	**Report#/Lab ID#:** 129479 **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	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 129479 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6

Sample Temperature/Condition *<=6°C*

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	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#: 129480 **Report Date:** 05/20/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 7
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 13:27

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	118	µg/L	1	<1	05/16/02	8260b	---	1.2	86.4	93.5	101.7
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	1.3	102.5	104.6	102.1
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	101	102.6	100.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	1.2	103.3	105.6	103.8
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	92.4	97.8	107.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** MW 7	**Report#/Lab ID#:** 129480 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.5	80-120	---
Toluene-d8	8260b	102	88-110	---

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

AnalySys Inc.

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

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

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

Report#/Lab ID#: 129481 **Report Date:** 05/20/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: EB 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **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	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/16/02	8260b	---	1.2	86.4	93.5	101.7
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	1.3	102.5	104.6	102.1
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	101	102.6	100.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	1.2	103.3	105.6	103.8
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	92.4	97.8	107.7

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ANALYSYS INC.

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

Client: Environmental Tech Group	**Project ID:** Red Byrd 1 EOT 2043C	**Report#/Lab ID#:** 129481
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	98.5	80-120	---
Toluene-d8	8260b	103	88-110	---

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

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#: KED BVD 1 Sampler: Simon Casas
EOT 2043C

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 6	5/14/02	1300	2		X		129479	X	
MW 7		1327					129480		
EB 1		1340					129481		

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

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Simon Casas	E.T.G.I.	5/14/02	1600	Melonie Humphrey	ASI	5/15/02	0920

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

FILE

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#: 132992 **Report Date:** 08/29/02
Project ID: Red Byrd 1 EO 2043C
Sample Name: MW 6
Sample Matrix: water
Date Received: 08/23/2002 **Time:** 09:45
Date Sampled: 08/19/2002 **Time:** 15:15

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	---		---		08/29/02	8260b	---	---	---	---	---
Benzene	32.1	µg/L	1	<1	08/29/02	8260b	---	4.5	83.5	96.1	79.6
Ethylbenzene	1.21	µg/L	1	<1	08/29/02	8260b	---	0.3	106.2	103.9	110.9
m,p-Xylenes	<1	µg/L	1	<1	08/29/02	8260b	J	5.3	102.1	105.7	119.2
o-Xylene	<1	µg/L	1	<1	08/29/02	8260b	---	7.9	104.2	110	124.1
Toluene	<1	µg/L	1	<1	08/29/02	8260b	---	0.7	95.8	102.5	95.5

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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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:** Red Byrd 1 EO 2043C **Sample Name:** MW 6	**Report#/Lab ID#:** 132992 **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	108	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 132992 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Red Byrd 1 EO 2043C
Sample Name: MW 6

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

AnalySys Inc.

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

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

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

Report#/Lab ID#: 132993 **Report Date:** 08/29/02
Project ID: *Red Byrd 1 EO 2043C*
Sample Name: MW 7
Sample Matrix: water
Date Received: 08/23/2002 **Time:** 09:45
Date Sampled: 08/19/2002 **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	---		---		08/29/02	8260b	---	---	---	---	---
Benzene	13.9	µg/L	1	<1	08/29/02	8260b	---	4.5	83.5	96.1	79.6
Ethylbenzene	<1	µg/L	1	<1	08/29/02	8260b	---	0.3	106.2	103.9	110.9
m,p-Xylenes	<1	µg/L	1	<1	08/29/02	8260b	---	5.3	102.1	105.7	119.2
o-Xylene	<1	µg/L	1	<1	08/29/02	8260b	---	7.9	104.2	110	124.1
Toluene	<1	µg/L	1	<1	08/29/02	8260b	---	0.7	95.8	102.5	95.5

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.

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:** Red Byrd 1 EO 2043C ***Sample Name:*** *MW 7*	**Report#/Lab ID#:** 132993 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	120	80-120	---
Toluene-d8	8260b	109	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#: 132994 **Report Date:** 08/29/02
Project ID: Red Byrd 1 EO 2043C
Sample Name: EB 1
Sample Matrix: water
Date Received: 08/23/2002 **Time:** 09:45
Date Sampled: 08/19/2002 **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	---		---		08/29/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/02	8260b	---	4.5	83.5	96.1	79.6
Ethylbenzene	<1	µg/L	1	<1	08/29/02	8260b	---	0.3	106.2	103.9	110.9
m,p-Xylenes	<1	µg/L	1	<1	08/29/02	8260b	---	5.3	102.1	105.7	119.2
o-Xylene	<1	µg/L	1	<1	08/29/02	8260b	---	7.9	104.2	110	124.1
Toluene	<1	µg/L	1	<1	08/29/02	8260b	---	0.7	95.8	102.5	95.5

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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:** Ken Dutton	**Project ID:** Red Byrd 1 EO 2043C **Sample Name:** EB 1	**Report#/Lab ID#:** 132994 **Sample Matrix:** *water*

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	108	88-110	---

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

COC: 134 Page of 3586

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4802
Fax (505) 397-4701

EOTT ENERGY CORP.
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 682-2761

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

Project Manager: KEN DUTTON

Project Name: RED BYRD 1

Project Number: E020430

Project Location: MONUMENT NM

Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
132992	MW 6	2	V	X				X			X		8/19	1615	X											
132993	MW 7	↓	↓	↓				↓			↓		↓	1540	↓											
132994	EB 1	↓	↓	↓				↓			↓		↓	1600	↓											

Relinquished by: Simon Casas Date: 8/22/02 Time: 1200

Received by: Date: 8-22-02 Time: 1200

Relinquished by: Date: 8-22-02 Time: 1200

Received at Lab by: Date: 8/23/02 Time: 0945

REMARKS:

Temp: 2.7 °C

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

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

Report#/Lab ID#: 136619 **Report Date:** 11/26/02
Project ID: Red Byrd 1 EO 2043
Sample Name: MW 6
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/18/2002 **Time:** 12:20

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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	22.4	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Red Byrd 1 EO 2043 **Sample Name:** MW 6	**Report#/Lab ID#:** 136619 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.5	80-120	---
Toluene-d8	8260b	98.4	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: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136620 **Report Date:** 11/26/02
Project ID: Red Byrd 1 EO 2043
Sample Name: MW 7
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/18/2002 **Time:** 12:43

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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	23.7	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	J	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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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:** Red Byrd 1 EO 2043	**Report#/Lab ID#:** 136620
Attn: Robert Edison	**Sample Name:** MW 7	**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	97.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136620 **Matrix:** water
Client: Environmental Tech Group **Attn:** Robert Edison
Project ID: Red Byrd 1 EO 2043
Sample Name: MW 7

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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

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

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

Report#/Lab ID#: 136621 **Report Date:** 11/26/02
Project ID: Red Byrd 1 EO 2043
Sample Name: EB 1
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/18/2002 **Time:** 12:51

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Red Byrd 1 EO 2043 **Sample Name:** EB 1	**Report#/Lab ID#:** 136621 **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	98.2	88-110	---

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

CHAIN-OF-CUSTODY

COC: 191

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: Robert Edison
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#: Red Bird 1 EO-2843 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 6	11/18/02	1220	2		X		136619	X	
MW 7	↓	1243	↓		↓		136620	↓	
EB-1	↓	1251	↓		↓		136621	↓	

(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: 3.9 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E. T. G. I.	11/19/02	1130	Melanie Humphrey	ASI	11/20/02	13:00

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

Site Name: Red Byrd #1
Remediation Plan: 1R - 085
Company: EOTT
Contractor: ETGI
Date Inspected: September 24, 2003 by Ed Martin, Larry Johnson and Paul Sheeley

PSH on water. No delineation has been done. Access to the site has been denied by the landowner.

EOTT ENERGY LLC

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

March 31, 2003

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

Dear Mr. Bayliss;

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

Red Byrd No. 1	Section 1, Township 20 South, Range 36 East, Lea County NM
Red Byrd No. 2	Section 1, Township 20 South, Range 36 East, Lea County NM
TNM 98-SO1	Section 20, Township 19 South, Range 37 East, Lea County NM
TNM 97-23	Section 14, Township 22 South, Range 37 East, Lea County NM
Monument 18	Section 7, Township 20 South, Range 37 East, Lea County NM
TNM 98-05	Section 26, Township 21 South, Range 37 East, Lea County NM
Lea Station to Monument 6"	Section 5, Township 20 South, Range 37 East, Lea County NM

ETGI prepared these documents and has vouched for their accuracy and completeness, and on behalf of EOTT Energy, I have personally reviewed the documents and interviewed ETGI in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that EOTT Energy submits these Annual Compliance Monitoring Reports for the above 7 facilities.

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

Sincerely,

Bill Von Drehle

Bill Von Drehle
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

ANNUAL MONITORING REPORT

IR 85

EOTT ENERGY, LLC
RED BYRD 1
SE ¼, NE ¼ OF SECTION 1, TOWNSHIP 20 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO

PREPARED FOR:

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

PREPARED BY:

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

April 2003

Camille Reynolds
Project Manager

for
Chance T. 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 (OCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of the quarterly groundwater monitoring events only. For reference, the Site Location Map is provided as Figure 1.

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

FIELD ACTIVITIES

The site monitor wells were gauged and sampled on February 28, May 14, August 19, and November 18, 2002. During each sampling event the monitor wells designated to be sampled were purged of approximately three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were 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 (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on November 18, 2002 are depicted on Figure 2, the Site Groundwater Gradient Map. The groundwater elevation data are provided as Table 1. Groundwater elevation contours, generated from the final quarterly event of calendar year 2002 water level measurements, indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between groundwater monitor wells MW-4 and MW-6. The depth to groundwater, as measured from the top of the well casing, ranged between 35.95 to 38.84 feet in the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitor wells MW-1, MW-2, MW-3, MW-4, and MW-5 during the annual monitoring period. A maximum thickness of 2.23 feet in monitor well MW-1, 2.17 feet in monitor well MW-2, 2.21 feet in monitor well MW-3, 1.60 feet in monitor well MW-4, and 1.45 feet in monitor well MW-5 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) concentrations by EPA Method SW846-8260b. The groundwater chemistry data is provided as Table 2 and the Laboratory Reports are provided as Appendix A. Groundwater samples, which exceeded regulatory standards for benzene and BTEX constituents, are indicated on Figure 3, the NMOCD Site Map.

Laboratory results obtained during the calendar year 2002 monitoring period indicated that benzene constituent concentrations were above NMOCD regulatory standards for all of the on-site monitor wells. The BTEX concentrations in the groundwater samples collected from all of the on-site monitor wells 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 monitor wells MW-1, MW-2, MW-3, MW-4, and MW-5 during the annual monitoring period. Maximum thickness of 2.23 feet in monitor well MW-1, 2.17 feet in monitor well MW-2, 2.21 feet in monitor well MW-3, 1.60 feet in monitor well MW-4, and 1.45 feet in monitor well MW-5 were measured in the monitor wells. During this reporting period, approximately 195 gallons of PSH was recovered from the aforementioned monitor wells. Recovered PSH was reintroduced into the EOTT transportation system at the Lea Station Facility, Monument, New Mexico.

Groundwater elevation contours, generated from the final quarterly event of calendar year 2002 water level measurements, indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between groundwater monitor wells MW-4 and MW-6.

Laboratory results obtained during the calendar year 2002 monitoring period indicated that benzene constituent concentrations were above NMOCD regulatory standards for all of the on-site monitor wells. The BTEX concentrations in the groundwater samples collected from all of the on-site monitor wells were below NMOCD regulatory standards.

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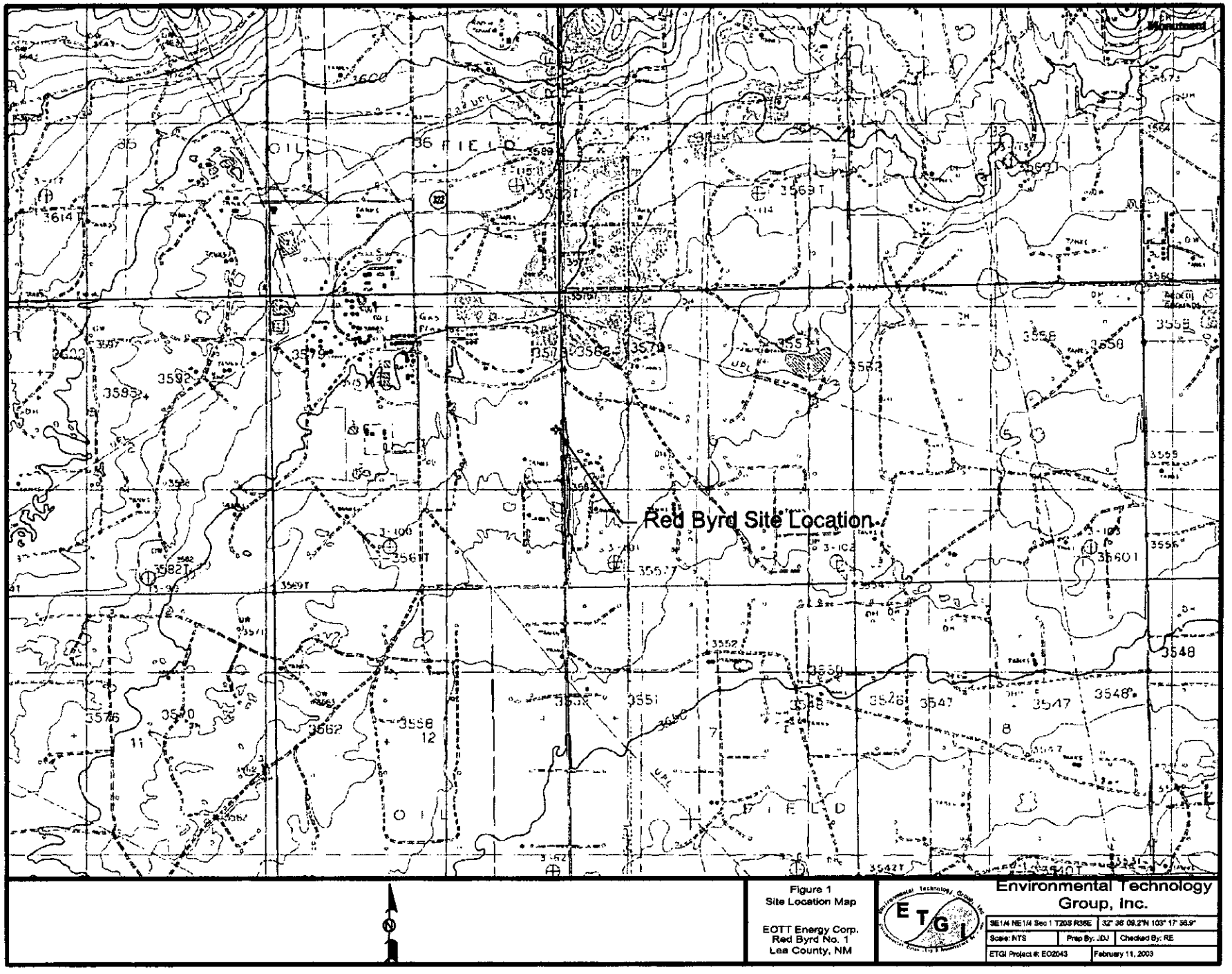
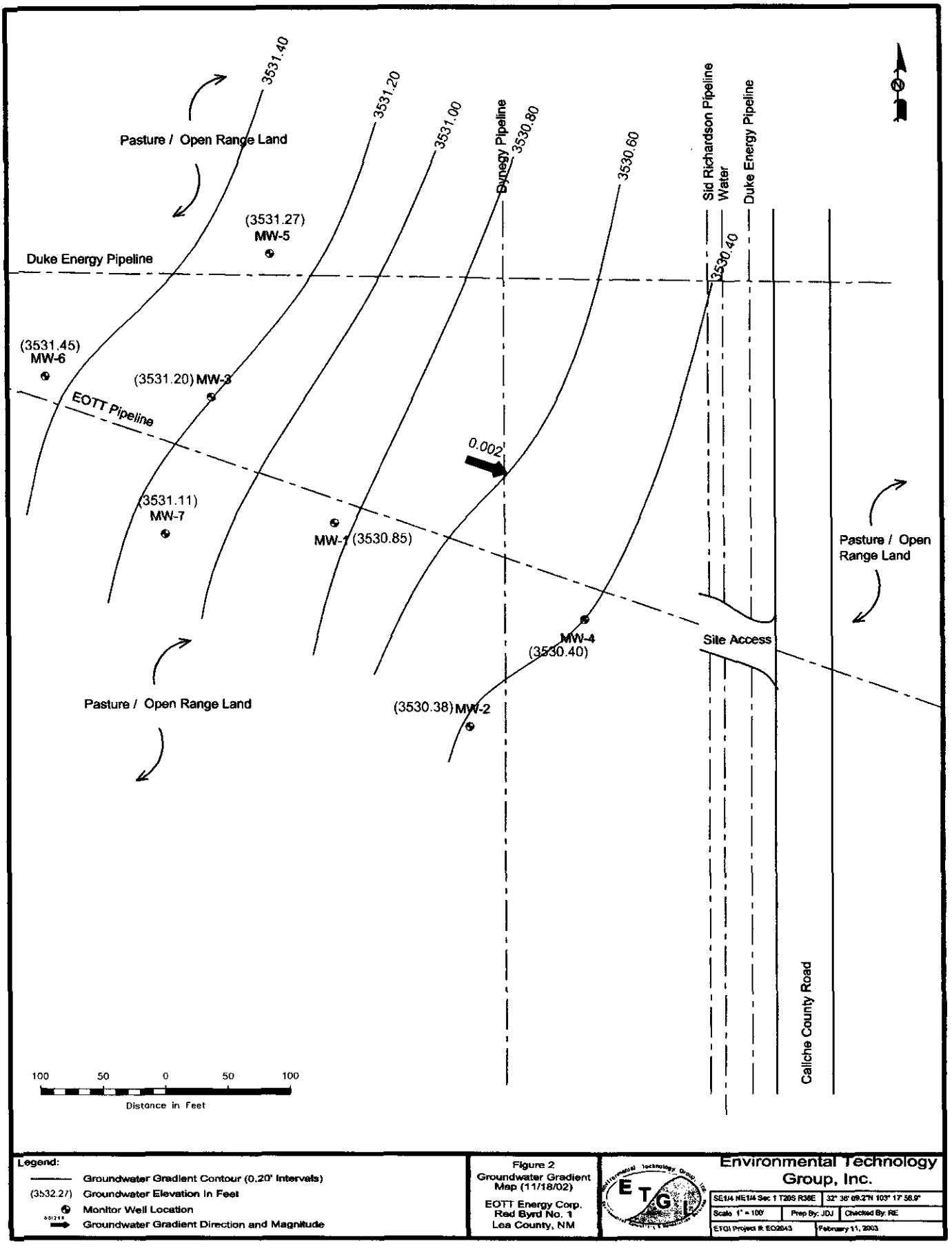


Figure 1
Site Location Map

EOTT Energy Corp.
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R36E	32° 36' 09.2"N 103° 17' 36.9"	
Scale: NTS	Prep By: JDJ	Checked By: RE
ETGI Project #: EO2043	February 11, 2003	



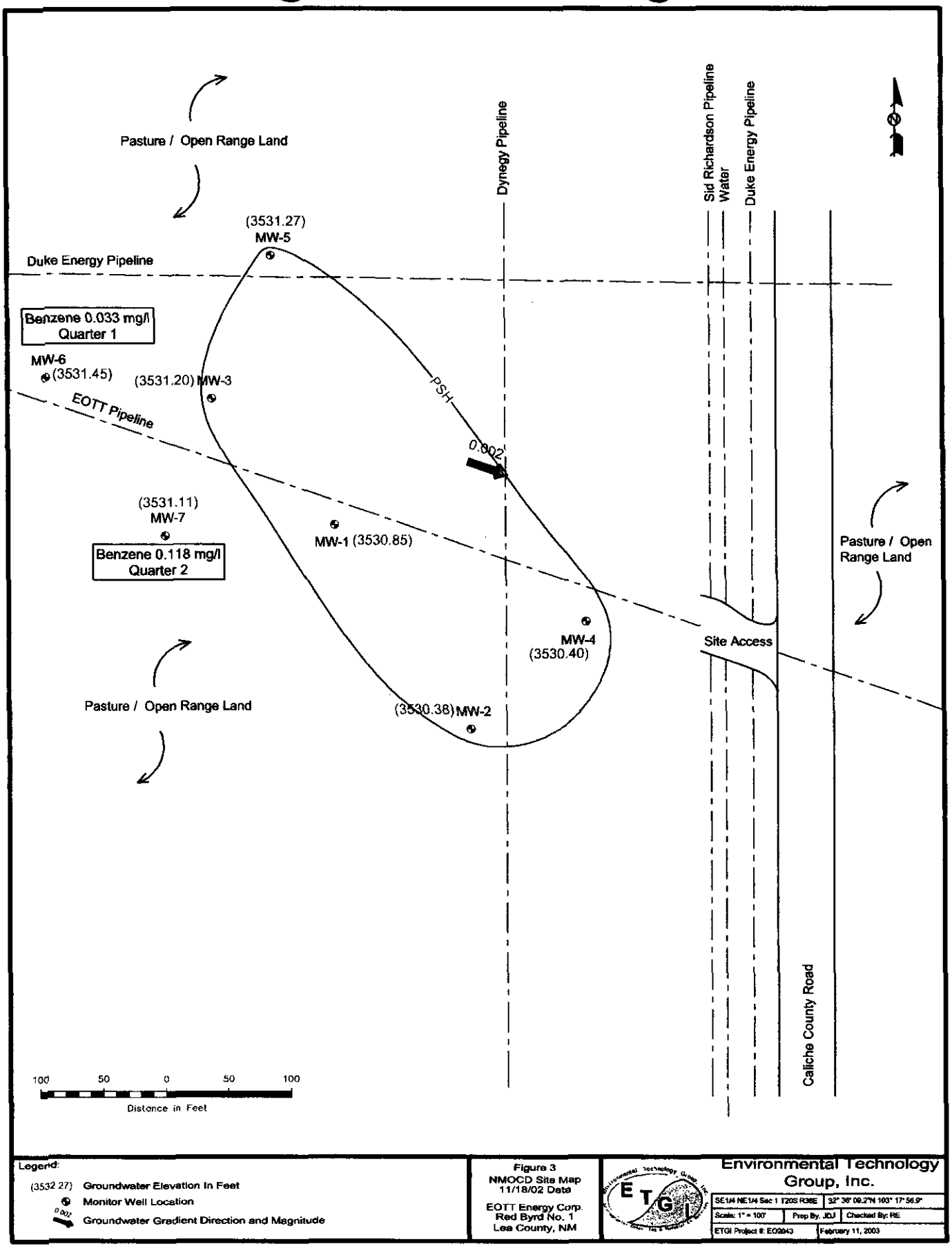
Legend:

- Groundwater Gradient Contour (0.20' Intervals)
- (3532.27) Groundwater Elevation in Feet
- Monitor Well Location
- Groundwater Gradient Direction and Magnitude

Figure 2
Groundwater Gradient Map (11/18/02)
EOTT Energy Corp.
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R38E	32° 36' 09.2"N 103° 17' 58.9"	
Scale 1" = 100'	Prep By: JDJ	Checked By: RE
ETGI Project # EO2843	February 11, 2003	



Legend:

(3532.27) Groundwater Elevation In Feet

Monitor Well Location

0.002 Groundwater Gradient Direction and Magnitude

Figure 3
NMOCD Site Map
11/18/02 Data

EOTT Energy Corp.
Red Byrd No. 1
Lea County, NM

Environmental Technology Group, Inc.

SE1/4 NE1/4 Sec 1 T20S R38E	32° 36' 09.2"N 103° 17' 56.9"
Scale: 1" = 100'	Prep By: JDJ / Checked By: RE
ETGI Project #: EO2043	February 11, 2003

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/25/00	3,567.59	ND	35.64	0.00	3,531.95
	05/15/00	3,567.59	ND	35.72	0.00	3,531.87
	09/14/00	3,567.59	ND	35.87	0.00	3,531.72
	12/05/00	3,567.59	ND	35.80	0.00	3,531.79
	03/07/01	3,567.59	35.85	35.89	0.04	3,531.73
	05/23/01	3,567.59	35.87	35.90	0.03	3,531.72
	08/06/01	3,567.59	35.90	35.96	0.06	3,531.68
	10/02/01	3,567.59	36.02	36.31	0.29	3,531.53
	02/28/02	3,567.59	35.84	38.07	2.23	3,531.42
	03/18/02	3,567.59	35.88	38.09	2.21	3,531.38
	03/28/02	3,567.59	35.89	38.08	2.19	3,531.37
	04/03/02	3,567.59	35.93	38.03	2.10	3,531.35
	04/12/02	3,567.59	35.92	38.08	2.16	3,531.35
	04/16/02	3,567.59	35.95	38.13	2.18	3,531.31
	05/03/02	3,567.59	35.96	38.11	2.15	3,531.31
	05/10/02	3,567.59	35.94	38.12	2.18	3,531.32
	05/11/02	3,567.59	35.98	38.12	2.14	3,531.29
	05/24/02	3,567.59	36.03	38.20	2.17	3,531.23
	06/10/02	3,567.59	36.08	38.22	2.14	3,531.19
	06/19/02	3,567.59	36.12	38.25	2.13	3,531.15
	07/03/02	3,567.59	36.16	38.25	2.09	3,531.12
	07/11/02	3,567.59	36.17	38.22	2.05	3,531.11
	07/16/02	3,567.59	36.12	38.21	2.09	3,531.16
	08/19/02	3,567.59	36.25	38.31	2.06	3,531.03
	08/27/02	3,567.59	36.21	38.26	2.05	3,531.07
	09/05/02	3,567.59	36.27	38.29	2.02	3,531.02
	10/03/02	3,567.59	36.32	38.34	2.02	3,530.97
	10/08/02	3,567.59	36.34	38.34	2.00	3,530.95
	10/15/02	3,567.59	36.37	38.34	1.97	3,530.92
	11/18/02	3,567.59	36.45	38.39	1.94	3,530.85
MW - 2	02/25/00	3,567.55	ND	36.05	0.00	3,531.50
	05/15/00	3,567.55	ND	36.12	0.00	3,531.43
	09/14/00	3,567.55	ND	36.30	0.00	3,531.25
	12/05/00	3,567.55	ND	35.88	0.00	3,531.67
	03/07/01	3,567.55	36.00	37.37	1.37	3,531.34

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW- 2	05/23/01	3,567.55	35.90	37.44	1.54	3,531.42
	08/06/01	3,567.55	36.20	37.13	0.93	3,531.21
	10/02/01	3,567.55	36.18	36.38	0.20	3,531.34
	02/28/02	3,567.55	36.40	38.01	1.61	3,530.91
	03/18/02	3,567.55	36.44	38.05	1.61	3,530.87
	03/28/02	3,567.55	36.42	38.07	1.65	3,530.88
	04/03/02	3,567.55	36.45	38.06	1.61	3,530.86
	04/12/02	3,567.55	36.47	38.08	1.61	3,530.84
	04/16/02	3,567.55	36.51	38.02	1.51	3,530.81
	05/03/02	3,567.55	36.51	38.12	1.61	3,530.80
	05/10/02	3,567.55	36.50	38.10	1.60	3,530.81
	05/11/02	3,567.55	36.52	38.15	1.63	3,530.79
	05/24/02	3,567.55	36.57	38.20	2.17	3,531.19
	06/10/02	3,567.55	36.61	38.23	1.62	3,530.70
	06/19/02	3,567.55	36.62	38.27	1.65	3,530.68
	07/03/02	3,567.55	36.66	38.30	1.64	3,530.64
	07/11/02	3,567.55	36.67	38.31	1.59	3,530.59
	07/16/02	3,567.55	36.64	38.28	1.64	3,530.66
	08/19/02	3,567.55	36.74	38.38	1.64	3,530.56
	08/27/02	3,567.55	36.71	38.36	1.65	3,530.59
	09/05/02	3,567.55	36.74	38.39	1.65	3,530.56
	10/03/02	3,567.55	36.82	38.45	1.63	3,530.49
	10/08/02	3,567.55	36.83	38.48	1.65	3,530.47
	10/15/02	3,567.55	36.86	38.50	1.64	3,530.44
	11/18/02	3,567.55	36.93	38.56	1.63	3,530.38
MW - 3	02/25/00	3,567.55	ND	35.27	0.00	3,532.28
	05/15/00	3,567.55	35.34	35.44	0.10	3,532.20
	09/14/00	3,567.55	34.99	37.20	2.21	3,532.23
	12/05/00	3,567.55	34.94	37.38	2.44	3,532.24
	03/07/01	3,567.55	35.25	36.42	1.17	3,532.12
	05/23/01	3,567.55	35.22	36.46	1.24	3,532.14
	08/03/01	3,567.55	35.14	37.20	2.06	3,532.10
	10/02/01	3,567.55	35.28	37.14	1.86	3,531.99
	02/28/02	3,567.55	35.44	37.65	2.21	3,531.78
	03/18/02	3,567.55	35.88	38.09	2.21	3,531.34
	03/28/02	3,567.55	35.53	37.60	2.07	3,531.71
	04/03/02	3,567.55	35.56	37.49	1.93	3,531.70

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW- 3	04/12/02	3,567.55	35.57	37.64	2.07	3,531.67
	04/16/02	3,567.55	35.55	37.71	2.16	3,531.68
	05/03/02	3,567.55	35.57	37.73	2.16	3,531.66
	05/10/02	3,567.55	35.56	37.73	2.17	3,531.66
	05/11/02	3,567.55	35.60	37.75	2.15	3,531.63
	05/24/02	3,567.55	35.65	37.81	1.63	3,531.13
	06/10/02	3,567.55	35.68	37.74	2.06	3,531.56
	06/19/02	3,567.55	35.72	37.86	2.14	3,531.51
	07/03/02	3,567.55	35.75	37.89	2.14	3,531.48
	07/11/02	3,567.55	35.77	37.89	2.12	3,531.46
	07/16/02	3,567.55	35.74	37.85	2.11	3,531.49
	08/19/02	3,567.55	35.81	37.91	2.10	3,531.43
	08/27/02	3,567.55	35.82	37.91	2.09	3,531.42
	09/05/02	3,567.55	35.87	37.91	2.04	3,531.37
	10/03/02	3,567.55	35.93	38.01	2.08	3,531.31
	10/08/02	3,567.55	35.94	38.01	2.07	3,531.30
	10/15/02	3,567.55	35.99	37.98	1.99	3,531.26
	11/18/02	3,567.55	36.05	38.08	2.03	3,531.20
MW - 4	02/25/00	3,567.80	ND	36.22	0.00	3,531.58
	05/15/00	3,567.80	ND	36.34	0.00	3,531.46
	09/14/00	3,567.80	ND	36.50	0.00	3,531.30
	12/05/00	3,567.80	ND	36.51	0.00	3,531.29
	03/07/01	3,567.80	36.47	36.51	0.04	3,531.32
	05/23/01	3,567.80	36.51	36.55	0.04	3,531.28
	08/06/01	3,567.80	36.06	36.42	0.36	3,531.69
	10/02/01	3,567.80	36.50	37.54	1.04	3,531.14
	02/28/02	3,567.80	36.75	37.68	0.93	3,530.91
	03/18/02	3,567.80	36.80	37.77	0.97	3,530.85
	03/28/02	3,567.80	36.97	37.30	0.33	3,530.78
	04/03/02	3,567.80	36.97	37.23	0.26	3,530.79
	04/12/02	3,567.80	36.98	37.27	0.27	3,530.76
	04/16/02	3,567.80	36.99	37.30	0.31	3,530.76
	05/03/02	3,567.80	36.77	38.11	1.34	3,530.83
	05/10/02	3,567.80	36.94	38.33	1.54	3,530.78
	05/11/02	3,567.80	36.73	38.33	1.60	3,530.83
	05/24/02	3,567.80	36.78	38.36	1.58	3,530.78
	06/10/02	3,567.80	36.82	38.41	1.59	3,530.74

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	06/19/02	3,567.80	36.84	38.43	1.59	3,530.72
	07/03/02	3,567.80	36.88	38.45	1.57	3,530.68
	07/11/02	3,567.80	36.89	38.48	1.59	3,530.67
	07/16/02	3,567.80	36.85	38.44	1.59	3,530.71
	08/19/02	3,567.80	36.93	38.51	1.58	3,530.63
	08/27/02	3,567.80	36.94	38.51	1.57	3,530.62
	09/05/02	3,567.80	36.97	38.54	1.57	3,530.59
	10/03/02	3,567.80	37.04	38.60	1.56	3,530.53
	10/08/02	3,567.80	37.06	38.61	1.55	3,530.51
	10/15/02	3,567.80	37.08	38.64	1.56	3,530.49
	11/18/02	3,567.80	37.17	38.70	1.53	3,530.40
MW - 5	02/25/00	3,569.50	ND	37.24	0.00	3,532.26
	05/15/00	3,569.50	36.82	37.96	1.14	3,532.51
	09/14/00	3,569.50	36.81	38.50	1.14	3,531.97
	12/05/00	3,569.50	36.85	38.44	1.55	3,532.38
	03/07/01	3,569.50	37.10	37.57	0.47	3,532.33
	05/23/01	3,569.50	37.07	37.55	0.48	3,532.36
	08/06/01	3,569.50	37.10	37.18	0.08	3,532.39
	10/02/01	3,569.50	37.18	38.15	0.97	3,532.17
	02/28/02	3,569.50	37.35	38.00	0.65	3,532.05
	03/18/02	3,569.50	37.39	38.84	1.45	3,531.89
	03/28/02	3,569.50	37.54	38.47	0.93	3,531.82
	04/03/02	3,569.50	37.61	38.24	0.63	3,531.80
	04/12/02	3,569.50	37.63	38.27	0.64	3,531.77
	04/16/02	3,569.50	37.63	38.32	0.69	3,531.77
	05/03/02	3,569.50	37.67	38.28	0.61	3,531.74
	05/10/02	3,569.50	37.66	38.28	0.62	3,531.75
	05/11/02	3,569.50	37.71	38.28	0.57	3,531.70
	05/24/02	3,569.50	37.73	38.37	0.64	3,531.67
	06/10/02	3,569.50	37.73	38.52	0.79	3,531.65
	06/19/02	3,569.50	37.76	38.60	0.84	3,531.61
	07/03/02	3,569.50	37.77	38.71	0.94	3,531.59
	07/11/02	3,569.50	37.78	38.74	0.96	3,531.58
	07/16/02	3,569.50	37.75	38.71	0.96	3,531.61
	08/19/02	3,569.50	37.85	38.70	0.85	3,531.52
	08/27/02	3,569.50	37.84	38.75	0.91	3,531.52
	09/05/02	3,569.50	38.00	38.34	0.34	3,531.45

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
RED BYRD 1
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2043

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	10/03/02	3,569.50	38.05	38.42	0.37	3,531.39
	10/08/02	3,569.50	38.07	38.46	0.41	3,531.39
	10/15/02	3,569.50	38.09	38.49	0.40	3,531.35
	11/18/02	3,569.50	38.18	38.51	0.33	3,531.27
MW - 6	02/25/00	3,569.09	ND	36.50	0.00	3,532.59
	05/15/00	3,569.09	ND	36.58	0.00	3,532.51
	09/14/00	3,569.09	ND	36.75	0.00	3,532.34
	12/05/00	3,569.09	ND	36.76	0.00	3,532.33
	03/07/01	3,569.09	ND	36.65	0.00	3,532.44
	05/23/01	3,569.09	ND	36.62	0.00	3,532.47
	08/06/01	3,569.09	ND	36.73	0.00	3,532.36
	10/02/01	3,569.09	ND	36.82	0.00	3,532.27
	02/28/02	3,569.09	ND	37.12	0.00	3,531.97
	05/11/02	3,569.09	ND	37.33	0.00	3,531.76
	08/19/02	3,569.09	ND	37.52	0.00	3,531.57
	10/23/02	3,569.09	ND	37.67	0.00	3,531.42
	11/18/02	3,569.09	ND	37.64	0.00	3,531.45
MW - 7	02/25/00	3,567.53	ND	35.29	0.00	3,532.24
	05/15/00	3,567.53	ND	35.37	0.00	3,532.16
	09/14/00	3,567.53	ND	35.55	0.00	3,531.98
	12/05/00	3,567.53	ND	35.55	0.00	3,531.98
	03/07/01	3,567.53	ND	35.45	0.00	3,532.08
	05/23/01	3,567.53	ND	35.43	0.00	3,532.10
	08/06/01	3,567.53	ND	35.59	0.00	3,531.94
	10/02/01	3,567.53	ND	35.62	0.00	3,531.91
	02/28/02	3,567.53	ND	35.95	0.00	3,531.58
	05/11/02	3,567.53	ND	36.02	0.00	3,531.51
	08/19/02	3,567.53	ND	36.21	0.00	3,531.32
	10/23/02	3,567.53	ND	36.44	0.00	3,531.09
	11/18/02	3,567.53	ND	36.42	0.00	3,531.11

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	06/20/01	0.067	0.017	<0.005	0.018
	09/04/01	0.030	0.010	0.001	0.010
	10/25/01	0.002	0.006	0.001	0.003
	01/28/02	0.004	0.002	<0.001	0.002
	05/06/02	0.004	0.004	<0.001	0.002
	09/17/02	0.008	<0.001	<0.001	0.003
	11/13/02	0.007	<0.001	<0.001	0.004
MW - 2	06/20/01	0.119	0.091	0.005	0.012
	09/04/01	0.437	0.339	0.029	0.065
	10/25/01	0.018	0.019	0.002	0.006
	01/28/02	0.011	0.008	<0.001	0.004
	05/06/02	0.017	0.011	<0.001	0.002
	09/17/02	0.024	0.011	0.001	0.004
	11/13/02	0.006	0.004	<0.001	0.001
MW - 3	06/20/01	0.008	<0.005	<0.005	<0.005
	09/04/01	0.009	0.005	<0.001	<0.001
	10/25/01	0.003	0.002	<0.001	<0.001
	01/28/02	0.002	0.001	<0.001	<0.001
	05/06/02	0.003	0.001	<0.001	<0.001
	09/17/02	0.004	0.001	<0.001	<0.001
	11/13/02	0.003	0.001	<0.001	0.001
MW - 4	06/20/01	<0.005	<0.005	<0.005	<0.005
	09/04/01	<0.001	<0.001	<0.001	<0.001
	10/25/01	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001
	05/06/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001
	11/13/02	<0.001	<0.001	<0.001	<0.001
MW - 5	06/20/01	0.071	0.058	<0.005	0.008
	09/04/01	0.023	0.017	0.004	0.011
	10/25/01	0.020	0.011	<0.001	0.003
	01/28/02	0.055	0.031	0.001	0.007
	05/06/02	0.065	0.035	0.001	0.009
	09/17/02	0.031	0.014	0.001	0.004
	11/13/02	0.013	0.006	<0.001	0.001

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 98-05
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2056

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	Method: 8260b			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 6	05/06/02	0.001	0.001	<0.001	<0.001
	09/17/02	0.006	0.002	<0.001	<0.001
	11/13/02	0.005	0.001	<0.001	<0.001
MW - 7	05/06/02	0.002	0.002	<0.001	<0.001
	09/17/02	0.004	0.002	<0.001	<0.001
	11/13/02	0.004	0.002	<0.001	<0.001
MW - 8	05/06/02	0.004	0.004	<0.001	<0.001
	09/17/02	0.001	<0.001	<0.001	<0.001
	11/13/02	0.003	0.002	<0.001	<0.001
MW - 9	05/06/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001
	11/13/02	<0.001	<0.001	<0.001	<0.001
MW - 10	05/06/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001
	11/13/02	<0.001	<0.001	<0.001	<0.001
EB - 1	06/20/01	<0.005	<0.005	<0.005	<0.005
	09/04/01	<0.001	<0.001	<0.001	<0.001
	10/25/01	<0.001	<0.001	<0.001	<0.001
	01/28/02	<0.001	<0.001	<0.001	<0.001
	09/17/02	<0.001	<0.001	<0.001	<0.001

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: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 126616 **Report Date:** 03/12/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6
Sample Matrix: water
Date Received: 03/07/2002 **Time:** 09:45
Date Sampled: 02/28/2002 **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	---		---		03/09/02	8260b	---	---	---	---	---
Benzene	33.2	µg/L	1	<1	03/09/02	8260b	---	1.1	83.8	83.8	89
Ethylbenzene	2.14	µg/L	1	<1	03/09/02	8260b	---	2.9	98.1	103.7	101.3
m,p-Xylenes	<1	µg/L	1	<1	03/09/02	8260b	J	2.5	98.4	104.2	101.7
o-Xylene	<1	µg/L	1	<1	03/09/02	8260b	---	1.8	97.5	102.3	100.5
Toluene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	82.9	83.6	87.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** MW 6	**Report#/Lab ID#:** 126616 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	101	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 126616 **Matrix:** water
Client: Environmental Tech Group **Attn:** Camille Reynolds
Project ID: Red Byrd I EOT 2043C
Sample Name: MW 6

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	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#: 126617 **Report Date:** 03/12/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 7
Sample Matrix: water
Date Received: 03/07/2002 **Time:** 09:45
Date Sampled: 02/28/2002 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		03/09/02	8260b	---	---	---	---	---
Benzene	4.48	µg/L	1	<1	03/09/02	8260b	---	1.1	83.8	83.8	89
Ethylbenzene	<1	µg/L	1	<1	03/09/02	8260b	---	2.9	98.1	103.7	101.3
m,p-Xylenes	<1	µg/L	1	<1	03/09/02	8260b	---	2.5	98.4	104.2	101.7
o-Xylene	<1	µg/L	1	<1	03/09/02	8260b	---	1.8	97.5	102.3	100.5
Toluene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	82.9	83.6	87.7

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

Respectfully Submitted,

Richard Laster

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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*	**Project ID:** Red Byrd 1 EOT 2043C	**Report#/Lab ID#:** 126617
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	97.8	80-120	---
Toluene-d8	8260b	102	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: *Camille Reynolds*
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 126618 **Report Date:** 03/12/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: EB 1
Sample Matrix: water
Date Received: 03/07/2002 **Time:** 09:45
Date Sampled: 02/28/2002 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		03/09/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	83.8	83.8	89
Ethylbenzene	<1	µg/L	1	<1	03/09/02	8260b	---	2.9	98.1	103.7	101.3
m,p-Xylenes	<1	µg/L	1	<1	03/09/02	8260b	---	2.5	98.4	104.2	101.7
o-Xylene	<1	µg/L	1	<1	03/09/02	8260b	---	1.8	97.5	102.3	100.5
Toluene	<1	µg/L	1	<1	03/09/02	8260b	---	1.1	82.9	83.6	87.7

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Camille Reynolds	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** EB 1	**Report#/Lab ID#:** 126618 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Tofuene-d8	8260b	103	88-110	---

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

COC: 031

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4760

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: CAMILLE REYNOLDS
Phone (505) 392-4182 Fax (505) 397-4701

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Red Bird 1 Sampler: Simon Casas
E07-20413C

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 6	2-28-02	0930	2		X		126616	X	
MW 7		0900					126617		
EB 1		0945					126618		

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 (RDL/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 DSI 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	3-6-02	1200	Melanie Humphrey	ASI	3/7/02	09:45

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

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#: 129479 **Report Date:** 05/20/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	28.3	µg/L	1	<1	05/16/02	8260b	---	8.9	99.2	108.9	91.5
Ethylbenzene	1.37	µg/L	1	<1	05/16/02	8260b	---	3.6	101.8	105.2	103
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	J	3.3	102.2	106.9	101.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	3	101.9	102.3	103.3
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	8.5	105.8	107.5	98.1

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group **Attn:** Ken Dutton	**Project ID:** Red Byrd 1 EOT 2043C **Sample Name:** MW 6	**Report#/Lab ID#:** 129479 **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	100	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 129479 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 6

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

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(512) 444-5896 • FAX (512) 447-4766

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

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

Report#/Lab ID#: 129480 **Report Date:** 05/20/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: MW 7
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **Time:** 13:27

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	118	µg/L	1	<1	05/16/02	8260b	---	1.2	86.4	93.5	101.7
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	1.3	102.5	104.6	102.1
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	101	102.6	100.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	1.2	103.3	105.6	103.8
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	92.4	97.8	107.7

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Respectfully Submitted,

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	**Project ID:** Red Byrd 1 EOT 2043C	**Report#/Lab ID#:** 129480
Attn: Ken Dutton	**Sample Name:** MW 7	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	*Data Qualifiers*
1,2-Dichloroethane-d4	8260b	99.5	80-120	---
Toluene-d8	8260b	102	88-110	---

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

ANALYSYS INC.

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

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

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

Report#/Lab ID#: 129481 **Report Date:** 05/20/02
Project ID: Red Byrd 1 EOT 2043C
Sample Name: EB 1
Sample Matrix: water
Date Received: 05/15/2002 **Time:** 09:20
Date Sampled: 05/14/2002 **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	---		---		05/16/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/16/02	8260b	---	1.2	86.4	93.5	101.7
Ethylbenzene	<1	µg/L	1	<1	05/16/02	8260b	---	1.3	102.5	104.6	102.1
m,p-Xylenes	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	101	102.6	100.7
o-Xylene	<1	µg/L	1	<1	05/16/02	8260b	---	1.2	103.3	105.6	103.8
Toluene	<1	µg/L	1	<1	05/16/02	8260b	---	1.6	92.4	97.8	107.7

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group	**Project ID:** Red Byrd 1 EOT 2043C	**Report#/Lab ID#:** 129481
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	98.5	80-120	---
Toluene-d8	8260b	103	88-110	---

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

CHAIN-OF-CUSTODY

ANALYSYS INC.
4224 Freidrich Lane, Suite 100, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 444-1766

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#: RED BIRD 1 Sampler: Ramon Casas
EOT 2043C

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 6	5/1/02	1300	2		X		129479	X	
MW 7		1327					129480		
EB 1		1340					129481		

(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 practical quantitation 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 conduct analyses for 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
Ramon Casas	E.T.G.I.	5/04/02	1600	Melonie Humphrey	ASI	5/6/02	0720

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 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#: 132992 **Report Date:** 08.29.02
Project ID: Red Byrd 1 EO 2043C
Sample Name: MW 6
Sample Matrix: water
Date Received: 08/23/2002 **Time:** 09:45
Date Sampled: 08/19/2002 **Time:** 15:15

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	---		---		08/29/02	8260b	---	---	---	---	---
Benzene	32.1	µg/L	1	<1	08/29/02	8260b	---	4.5	83.5	96.1	79.6
Ethylbenzene	1.21	µg/L	1	<1	08/29/02	8260b	---	0.3	106.2	103.9	110.9
m,p-Xylenes	<1	µg/L	1	<1	08/29/02	8260b	J	5.3	102.1	105.7	119.2
o-Xylene	<1	µg/L	1	<1	08/29/02	8260b	---	7.9	104.2	110	124.1
Toluene	<1	µg/L	1	<1	08/29/02	8260b	---	0.7	95.8	102.5	95.5

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.

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:** Red Byrd 1 EO 2043C **Sample Name:** MW 6	**Report#/Lab ID#:** 132992 **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	108	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 132992 **Matrix:** water
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Red Byrd 1 EO 2043C
Sample Name: MW 6

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
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#: 132993 **Report Date:** 08.29.02
Project ID: Red Byrd 1 EO 2043C
Sample Name: MW 7
Sample Matrix: water
Date Received: 08/23/2002 **Time:** 09:45
Date Sampled: 08/19/2002 **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	---		---		08/29/02	8260b	---	---	---	---	---
Benzene	13.9	µg/L	1	<1	08/29/02	8260b	---	4.5	83.5	96.1	79.6
Ethylbenzene	<1	µg/L	1	<1	08/29/02	8260b	---	0.3	106.2	103.9	110.9
m,p-Xylenes	<1	µg/L	1	<1	08/29/02	8260b	---	5.3	102.1	105.7	119.2
o-Xylene	<1	µg/L	1	<1	08/29/02	8260b	---	7.9	104.2	110	124.1
Toluene	<1	µg/L	1	<1	08/29/02	8260b	---	0.7	95.8	102.5	95.5

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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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:** Red Byrd 1 EO 2043C **Sample Name:** MW 7	**Report#/Lab ID#:** 132993 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	120	80-120	---
Toluene-d8	8260b	109	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#: 132994 **Report Date:** 08/29/02
Project ID: Red Byrd 1 EO 2043C
Sample Name: EB 1
Sample Matrix: water
Date Received: 08/23/2002 **Time:** 09:45
Date Sampled: 08/19/2002 **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	---		---		08/29/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/29/02	8260b	---	4.5	83.5	96.1	79.6
Ethylbenzene	<1	µg/L	1	<1	08/29/02	8260b	---	0.3	106.2	103.9	110.9
m,p-Xylenes	<1	µg/L	1	<1	08/29/02	8260b	---	5.3	102.1	105.7	119.2
o-Xylene	<1	µg/L	1	<1	08/29/02	8260b	---	7.9	104.2	110	124.1
Toluene	<1	µg/L	1	<1	08/29/02	8260b	---	0.7	95.8	102.5	95.5

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.

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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:** Ken Dutton	**Project ID:** Red Byrd 1 EO 2043C **Sample Name:** EB 1	**Report#/Lab ID#:** 132994 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	115	80-120	---
Toluene-d8	8260b	108	88-110	---

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

COC: 134 Page of

Environmental Technology Group, Inc.

For Use On **EOTT ENERGY CORP.** Results Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 582-2761

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

Project Manager: KEN DUTTON

Project Name: RED BIRD 1

Project Number: E020430

Project Location: MONUMENT NM

Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
132992	MW 6	2	V	X				X			X		8/19	1615	X											
132993	MW 7	↓	↓	↓				↓			↓		↓	1545	↓											
132994	EB 1	↓	↓	↓				↓			↓		↓	1600	↓											

Relinquished by: Date: Time:
Simon Casas 8/22/02 1200

Received by: Date: Time:
8-22-02 1200

Relinquished by: Date: Time:
8-22-02 1200

Received at Lab by: Date: Time:
8/23/02 0945

REMARKS:
Temp: 2.7 °C

Environmental Technology Group, Inc.

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

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

Report#/Lab ID#: 136619 **Report Date:** 11/26/02
Project ID: Red Byrd I EO 2043
Sample Name: MW 6
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/18/2002 **Time:** 12:20

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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	22.4	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

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

Client: Environmental Tech Group **Attn:** Robert Edison	**Project ID:** Red Byrd 1 EO 2043 **Sample Name:** MW 6	**Report#/Lab ID#:** 136619 **Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80.5	80-120	---
Toluene-d8	8260b	98.4	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: Robert Edison
Address: 2540 W. Marland
Hobbs NM 88240

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

Report#/Lab ID#: 136620 **Report Date:** 11/26/02
Project ID: Red Byrd 1 EO 2043
Sample Name: MW 7
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/18/2002 **Time:** 12:43

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	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	23.7	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	J	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

Client: Environmental Tech Group	**Project ID:** Red Byrd 1 EO 2043	**Report#/Lab ID#:** 136620
Attn: Robert Edison	**Sample Name:** MW 7	**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	97.1	88-110	---

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

Exceptions Report:

Report #/Lab ID#: 136620 **Matrix:** water
Client: Environmental Tech Group **Attn:** Robert Edison
Project ID: Red Byrd 1 EO 2043
Sample Name: MW 7

Sample Temperature/Condition <=6°C

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

Sample Bottles & Preservation

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

J flag Discussion

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

Comments pertaining to Data Qualifiers and QC data:

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

Notes:

ANALYSYS INC

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

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

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

Report#/Lab ID#: 136621 **Report Date:** 11/26/02
Project ID: Red Byrd 1 EO 2043
Sample Name: EB 1
Sample Matrix: water
Date Received: 11/20/2002 **Time:** 13:00
Date Sampled: 11/18/2002 **Time:** 12:51

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		11/22/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/22/02	8260b	---	5.9	72.9	93.8	87.8
Ethylbenzene	<1	µg/L	1	<1	11/22/02	8260b	---	1.4	116.2	110.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/22/02	8260b	---	3.6	111.5	107.6	107.9
o-Xylene	<1	µg/L	1	<1	11/22/02	8260b	---	2	118.8	112	113.9
Toluene	<1	µg/L	1	<1	11/22/02	8260b	---	5.7	102.8	106.2	98.3

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 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:** Red Byrd 1 EO 2043	**Report#/Lab ID#:** 136621
Attn: Robert Edison	**Sample Name:** EB 1	**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	98.2	88-110	---

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

CHAIN-OF-CUSTODY

OC: 191

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: Robert Edison
Phone 505-397-4882 Fax 505-397-4781

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

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: Red Byrd 1 EO-2043 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 6	11/18/02	1220	2		X		136619	X	
MW 7	↓	1243	↓		↓		136620	↓	
EB-1	↓	1251	↓		↓		136621	↓	

(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: 3.9 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Marcelo Campos	E. T. G. I.	11/19/02	1130	Melanie Humphreys	ASI	11/20/02	13:00

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

RB 11/5

#1

ANNUAL MONITORING REPORT

EOTT PIPELINE COMPANY
RED BYRD
LEA COUNTY, NEW MEXICO

If #1 12 88
If #2 12 84

RECEIVED
MAY 09 2001
ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

PREPARED FOR:

EOTT PIPELINE COMPANY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

Need AP

PREPARED BY:

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

April 2001

TABLE OF CONTENTS

INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of EOTT Energy Corp. (EOTT), prepared this annual report in compliance with the New Mexico Oil Conservation Division (OCD) letter of May 1998, requiring submittal of an annual report by April 1 of each year. The report presents the results of the quarterly ground water monitoring events only. For reference, the Site Location Map is provided as Figure 1.

Ground water monitoring was conducted during four quarterly events in calendar year 2000 to assess the levels and extent of dissolved phase and phase-separated petroleum hydrocarbon (PSH) constituents. The ground water monitoring events consisted of measuring static water levels in the monitoring wells, checking for the presence of PSH, and purging and sampling of each well exhibiting sufficient recharge. Monitoring wells containing measurable levels of PSH were not sampled.

FIELD ACTIVITIES

The site monitoring wells were gauged and sampled on February 25, May 15, September 14, and December 5, 2000. During each sampling event, the monitoring wells, designated to be sampled, were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Ground water 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, utilizing a licensed disposal facility (OCD AO SWD-730).

GROUND WATER GRADIENT

Locations of the monitoring wells and the inferred ground water gradient, as measured on December 5, 2000, are depicted on Figure 2, the Site Ground Water Gradient Map. The ground water elevation data are provided as Table 1. Ground water elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between ground water monitoring wells MW-4 and MW-6. The depth to ground water, as measured from the top of the well casing, ranged between 35.27 to 38.50 feet for the shallow alluvial aquifer.

A measurable thickness of PSH was detected in monitoring wells MW-3 and MW-5 during the annual monitoring period. A maximum thickness of 2.44 feet in monitoring well MW-3 and 1.55 feet in monitoring well MW-5 was measured and is shown on Table 1.

LABORATORY RESULTS

Ground water samples collected during the sampling events were hand delivered to Environmental Laboratory of Texas, Midland, Texas for determination of benzene, toluene, ethyl benzene and total xylenes (BTEX) concentrations by EPA Method SW846-8021B. The ground water chemistry data are provided as Table 2 and the Laboratory Reports are provided as Appendix A.

Laboratory results for all of the site ground water samples, obtained during the calendar year 2000 monitoring period, indicated that Benzene concentrations were above regulatory standards for all of the on-site monitoring wells. The BTEX concentrations contained in the ground water samples collected from all of the on-site monitoring wells were below regulatory standards.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2000. A measurable thickness of PSH was detected in monitoring wells MW-3 and MW-5 during the annual monitoring period. A maximum thickness of 2.44 feet in monitoring well MW-3 and 1.55 feet in monitoring well MW-5 was measured in the monitoring wells.

Ground water elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.002 ft/ft to the southeast as measured between ground water monitoring wells MW-4 and MW-6.

Laboratory results for all of the site ground water samples, obtained during the calendar year 2000 monitoring period, indicated that Benzene concentrations were above regulatory standards for all of the on-site monitoring wells. The BTEX concentrations contained in the ground water samples collected from all of the on-site monitoring wells were below regulatory standards.

FIGURES

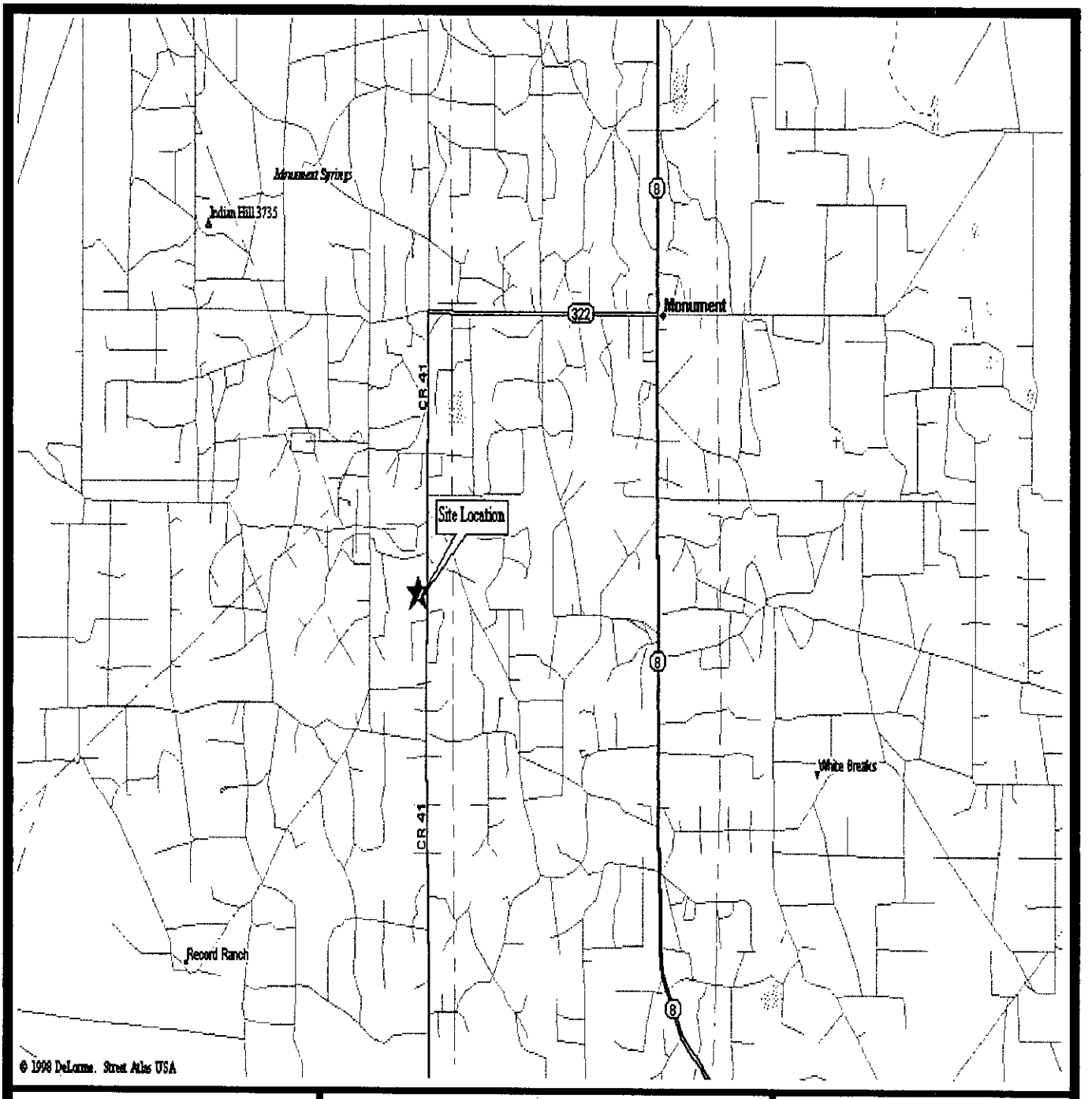
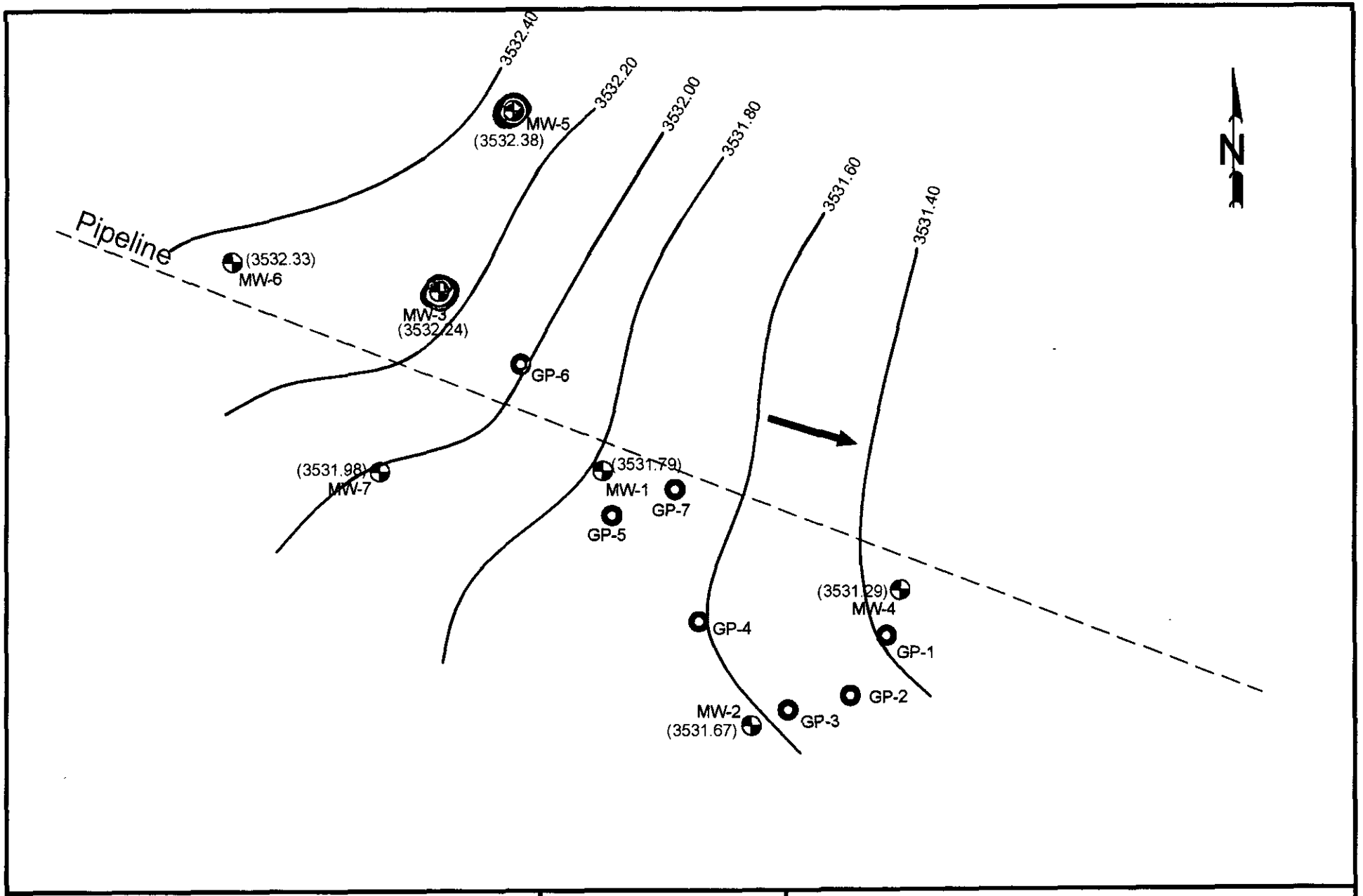


FIGURE 1	Site Location Map	Environmental Technology Group, Inc.
Not To Scale	EOTT Energy Corp. Red Byrd Site Lea County, NM	03 – 14 - 00 RS
		ETGI Project # EOT2043C



LEGEND:

- ETGI Monitoring Well Locations
- Geoprobe Location
- Pipeline
- (3465.67) Groundwater Elevation (in feet)
- Ground Water Contour Lines

Figure 2

Site Groundwater Gradient Map (12/05/00)

EOTT Energy Corp.
Red Byrd Site
Lea County, NM

Environmental Technology Group, INC.

Scale: 1" = 90'	Prepared By: JDJ	Checked By: CR
December 5, 2000	ETGI Project #: EOT2043C	

TABLES

TABLE 1

GROUND WATER ELEVATION
ANNUAL REPORT

EOTT ENERGY CORPORATION
RED BYRD
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2043C

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/25/00	3,567.59	-	35.64	0.00	3,531.95
	05/15/00	3,567.59	-	35.72	0.00	3,531.87
	09/14/00	3,567.59	-	35.87	0.00	3,531.72
	12/05/00	3,567.59	-	35.80	0.00	3,531.79
MW - 2	02/25/00	3,567.55	-	36.05	0.00	3,531.50
	05/15/00	3,567.55	-	36.12	0.00	3,531.43
	09/14/00	3,567.55	-	36.30	0.00	3,531.25
	12/05/00	3,567.55	-	35.88	0.00	3,531.67
MW - 3	02/25/00	3,567.55	-	35.27	0.00	3,532.28
	05/15/00	3567.55	35.34	35.44	0.10	3,532.20
	09/14/00	3,567.55	34.99	37.20	2.21	3,532.23
	12/05/00	3,567.55	34.94	37.38	2.44	3,532.24
MW - 4	02/25/00	3,567.80	-	36.22	0.00	3,531.58
	05/15/00	3,567.80	-	36.34	0.00	3,531.46
	09/14/00	3,567.80	-	36.50	0.00	3,531.30
	12/05/00	3,567.80	-	36.51	0.00	3,531.29
MW - 5	02/25/00	3,569.50	-	37.24	0.00	3,532.26
	05/15/00	3,569.50	36.82	37.96	1.14	3,532.51
	09/14/00	3,569.50	36.81	38.50	1.14	3,531.97
	12/05/00	3,569.50	36.85	38.44	1.55	3,532.38
MW - 6	02/25/00	3,569.09	-	36.50	0.00	3,532.59
	05/15/00	3,569.09	-	36.58	0.00	3,532.51
	09/14/00	3,569.09	-	36.75	0.00	3,532.34
	12/05/00	3,569.09	-	36.76	0.00	3,532.33
MW - 7	02/25/00	3,567.53	-	35.29	0.00	3,532.24
	05/15/00	3,567.53	-	35.37	0.00	3,532.16
	09/14/00	3,567.53	-	35.55	0.00	3,531.98
	12/05/00	3,567.53	-	35.55	0.00	3,531.98

TABLE 2

GROUND WATER CHEMISTRY
ANNUAL REPORT

EOTT ENERGY CORPORATION
RED BYRD
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2043C

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES
MW - 1	02/02/00	0.088	0.003	<0.001	0.002	<0.001
	05/15/00	0.12	0.003	0.002	0.002	<0.001
	09/14/00	0.361	0.002	0.002	<0.001	<0.001
	12/05/00	0.483	0.001	0.001	0.001	<0.001
MW - 2	02/02/00	0.008	<0.001	<0.001	<0.001	<0.001
	05/15/00	0.059	<0.001	<0.001	<0.001	<0.001
	09/14/00	0.104	<0.001	<0.001	<0.001	<0.001
	12/05/00	0.18	<0.001	0.003	0.001	<0.001
MW - 3	02/02/00	0.158	0.006	0.005	0.006	0.002
MW - 4	02/02/00	0.003	<0.001	<0.001	<0.001	<0.001
	05/15/00	0.002	0.001	0.001	<0.001	<0.001
	09/14/00	0.007	<0.001	0.006	0.004	<0.001
	12/05/00	0.013	0.001	0.004	0.003	<0.001
MW - 5	02/02/00	0.032	0.043	0.196	0.152	0.018
MW - 6	02/02/00	0.047	0.002	0.004	0.004	0.002
	05/15/00	0.055	0.002	0.005	0.002	0.001
	09/14/00	0.046	0.002	0.003	<0.001	<0.001
	12/05/00	0.073	0.001	0.006	0.005	0.001
MW - 7	02/02/00	0.007	<0.001	0.001	0.002	<0.001
	05/15/00	0.004	<0.001	0.001	<0.001	<0.001
	09/14/00	0.046	<0.001	0.002	<0.001	<0.001
	12/05/00	0.062	<0.001	0.002	<0.001	<0.001

APPENDIX

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: 02/02/00
Receiving Date: 02/03/00
Analysis Date: 02/04/00

ELT#	FIELD CODE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	m,p-XYLENE (mg/L)	o-XYLENE (mg/L)
23365	MW-1	0.088	0.003	<0.001	0.002	<0.001
23366	MW-2	0.008	<0.001	<0.001	<0.001	<0.001
23367	MW-3	0.158	0.006	0.005	0.006	0.002
23368	MW-4	0.003	<0.001	<0.001	<0.001	<0.001
23369	MW-5	0.032	0.043	0.196	0.152	0.018
23370	MW-6	0.047	0.002	0.004	0.004	0.002
23371	MW-7	0.007	<0.001	0.001	0.002	<0.001
	% IA	101	97	95	98	95
	% EA	104	99	97	101	99
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B,5030

Raland K. Tuttle

2-16-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 076

Project Manager: Jesse Taylor
Phone #: (915) 664-9166
FAX #: (505) 392-3760

Company Name & Address: ETGI P.O. Box 4845 Midland TX 79704

Project #: EOT 1043C

Project Name: Red Bird

Project Location: Monument, NM

Sampler Signature: Simon Casas

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS (160.1)	RCI	Anions (300.0)	Cations (6010) sm 4500CO2	PAH (8100) or 8270	Heavy Metals ICP scan (6010)
	MW 1	5	V,5L	X					X	X	X			2-2	1100	X						X		X	X	X	X
	MW 2														1355												
	MW 3														1252												
	MW 4														1420												
	MW 5														1325												
	MW 6														1230												
	MW 7														1133												

Relinquished by:	Date:	Time:	Received by:
Simon Casas	2-3-00	1640	Rebecca Jurado
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS: Mail Report: K. Dutton

Turnaround Time

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 32 deg. F
Project #: EOT 1051C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: 05/15/00
Receiving Date: 05/17/00
Analysis Date: 05/24/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25832	MW 1	0.120	0.003	0.002	0.002	<0.001
25833	MW 2	0.059	<0.001	<0.001	<0.001	<0.001
25834	MW 4	0.002	0.001	0.001	<0.001	<0.001
25835	MW 6	0.055	0.002	0.005	0.002	0.001
25836	MW 7	0.004	<0.001	0.001	<0.001	<0.001
	% IA	99	97	96	104	96
	% EA	95	92	93	100	91
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Umesh Rao
Umesh Rao, Ph. D.

5/25/00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 137

Project Manager: JESSE TAYLOR
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETGI P.O. BOX 4845 MIDLAND TX 79704

Project #: EOT 1051 C
Project Name: RED BIRD

Project Location: MONUMENT NM
Sampler Signature: Simon Casas

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE (2000)	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
25832	MW 1	2	✓	X					X		X			5-15	1115	X							
25833	MW 2														1140								
25834	MW 4														1205								
25835	MW 6														1025								
25836	MW 7	↓	↓	↓					↓		↓			↓	1000	↓							

Relinquished by:	Date:	Time:	Received by:
Simon Casas	5-17-00	1530	
Justin Jones	5/17/00	5:45	J McMurray
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS

Mail Results K. Dutton

Rec 32°F

Invoice: EOTT 1015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-397-4701

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ -1 deg. C
Project #: EOT 2043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: 09/14/00
Receiving Date: 09/16/00
Analysis Date: 09/21/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p XYLENE mg/L	o XYLENE mg/L	TOTAL BTEX mg/L
31027	MW 1	0.361	0.002	0.002	<0.001	<0.001	0.365
31028	MW 2	0.104	<0.001	<0.001	<0.001	<0.001	0.104
31029	MW 4	0.007	<0.001	0.006	0.004	<0.001	0.017
31030	MW 6	0.046	0.002	0.003	<0.001	<0.001	0.051
31031	MW 7	0.046	<0.001	0.002	<0.001	<0.001	0.048
31032	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	98	96	95	96	90	
	% EA	92	90	91	92	86	
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-25-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 231

Project Manager: BETH ALDRICH
Phone #: (505) 397-4882
FAX #: (505) 397-4781

Company Name & Address: ETGI
2540 W MARLAND HOBBS NM

Project #: EOT 2043C
Project Name: RED BYRD

Project Location: MONUMENT NM
Sampler Signature:

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
31027	MW 1	2	Y	X					X		X			9-14	1430	X							
31028	MW 2														1450								
31029	MW 4														1540								
31030	MW 6														1335								
31031	MW 7														1400								
31032	EB 1														1520								

Relinquished by:	Date:	Times:	Received by:
Simon Casas	9-15-00		
Relinquished by:	Date:	Times:	Received by:
Danny Lara			
Relinquished by:	Date: 9-14-00	Times: 14:55	Received by Laboratory: Celey Keene

REMARKS: -1°C

INVOICE: EOTT
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT

Mar 02 01 04:04p

P.5

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-397-4701

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -2.0 deg. C
Project #: EOT 2043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: 12/05/00
Receiving Date: 12/09/00
Analysis Date: 12/09/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
35155	MW 1	0.483	0.001	0.001	0.001	<0.001
35156	MW 2	0.180	<0.001	0.003	0.001	<0.001
%IA		102	105	104	111	104
%EA		94	100	98	104	100
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

12-13-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-397-4701

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -2.0 deg. C
Project #: EOT 2043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: 12/05/00
Receiving Date: 12/09/00
Analysis Date: 12/10/00

ELT #	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
35157	MW 4	0.013	0.001	0.004	0.003	<0.001
35158	MW 6	0.073	0.001	0.006	0.005	0.001
35159	MW 7	0.062	<0.001	0.002	<0.001	<0.001
35160	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001
	%IA	99	104	102	106	100
	%EA	88	91	93	99	96
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

12-13-00
Date

Environmental Technology Group, Inc

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 682-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

Project Manager: BETH ALDRICH

Project Name: RED BYRD

Project Number: EOT 2043C

Project Location: MONUMENT NM

Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
35155	MW 1	2	V	X				X			X		12-5	1200	X											
35156	MW 2													1218												
35157	MW 4													1237												
35158	MW 6													1132												
35159	MW 7													1115												
35160	EB 1													~~1300~~ 1300												

Relinquished by: Simon Casas Date: 12-3-00 Time: 1596

Received by: [signature] Date: 12-5-00 Time: 12:30

Relinquished by: [signature] Date: 12-5-00 Time: 12:30

Received at Lab by: [signature] Date: 12-8-00 Time: 1230

REMARKS:
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT
INVOICE: EOTT Rec-2.0°C

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

May 26, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5051-3235

Mr. Glen Waldrop
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
Midland, Texas 79702

RE: RED BYRD #1 SITE
LEA COUNTY, NEW MEXICO

Dear Mr. Waldrop:

The New Mexico Oil Conservation Division (OCD) has reviewed EOTT Energy Pipeline Limited Partnership's (EOTT) February 21, 2000 "RED BYRD #1, UL N, SEC 36, T-20-S, 35-E, LEA CO., NM". This document contains the results of soil sampling from monitor well installations at the Red Byrd #1 site and concludes that the contamination is not a result of EOTT's activities.

The information submitted is insufficient for evaluating EOTT's conclusions as to the extent or the source of contamination. The above referenced document does not contain maps of the site, geologic logs for the monitor wells or the results of the water quality sampling. Therefore the OCD requires that EOTT submit a comprehensive report on the site investigative actions which contains:

1. A description of all investigation, remediation and monitoring activities which have occurred including conclusions and recommendations.

2. A geologic/lithologic log and well completion diagram for each monitor well.

3. A map showing the location of spills, excavated areas, monitor wells, and any other pertinent site features as well as the direction and magnitude of the hydraulic gradient.

4. Isopleth maps for contaminants of concern which were observed during the investigations.

5. Summary tables of all product thickness measurements and soil and ground water quality sampling results as well as copies of all laboratory data sheets and associated QA/QC.

6. The disposition of all wastes generated.

Please submit the above information to the OCD Santa Fe Office by July 25, 2000 with a copy provided to the OCD Hobbs District Office. Submission of this information will allow the OCD to complete an evaluation of EOTT's conclusions.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office

15.

EOTT ENERGY Pipeline Limited Partnership

P.O. BOX 1660
5805 E. BUSINESS 20
MIDLAND, TEXAS 79702
(915) 682-3761

CERTIFIED MAIL
RETURN RECEIPT REQUESTED - Z 471 136 368

February 21, 2000

State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505
Attn: William Olson

RE: **Red Byrd #1**
UL N, Sec. 36, T-20-S, 35-E
LEA CO., NM

Dear Mr. Olson:

The above captioned site is an old Texas New Mexico Pipeline (TNMPL) leak that happened over 8 years ago. The landowner, Red Byrd, requested that EOTT investigate the site to determine extent of soil contamination and possible groundwater contamination. He had requested this of TNMPL but to no avail.

EOTT has investigated the site. You were verbally notified on February 17, 2000 of our encounter with groundwater at the above captioned leaksite. . We completed several soil borings and installed several monitor wells on this location. There was contamination of groundwater and samples were taken for analysis. Attached please find a letter from Mr. Raland Tuttle of Environmental Labs of Texas explaining the results of these analysis. (Soil analysis attached)

Based upon the analysis, EOTT believes the groundwater contamination is not related to the soil contamination from old spill that we plan to remediate. There are several gas plants and an old chemical plant adjacent to this property and we believe that it is possible that this may be the source of groundwater contamination.

I hope all meets with OCD approval but if you have any questions, please don't hesitate to call.

Sincerely,

Lennah Frost

Lennah Frost
Sr. Environmental Engineer

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

Environmental Technology Group, Inc.
Mr. Jesse Taylor
Post Office Box 4845
Midland, Texas 79704

February 17, 2000

RE: Fingerprint analysis from Red Byrd project #EOT1043C.

Dear Mr. Taylor,

In reference to the comparison of the surface analysis (SS-1 and SS-2) to the MW-3 (35') and MW-1 (35'); there seems to be few similarities.

All analysis were performed under the same chromatographic conditions, enabling any hydrocarbon chain from C-6 through C-28 to be seen.

As evidenced by the chromatogram the SS-1 and SS-2 samples have no reportable gasoline range organics (C6-C10) and only starts to show evidences of hydrocarbon around C-20. Due to the nature of this sample, most of the hydrocarbon within this sample is beyond the diesel range (C28). Visually and physically, the sample appears to be asphaltic in nature.

In contrast, the MW-1 (35') and MW-3(35') samples exhibit a large total percentage of hydrocarbons within the gasoline range; and a very defined cut-off within the first part of the diesel range. This is usually found in refined products. It would be possible for a condensate to exhibit similar characteristics, but it is not typically found in a crude (i.e. 40wt). As seen on the enclosed chromatogram "crude" even though the crude may contain (GRO's), most typical crudes will usually exhibit a wider range of hydrocarbon chains.

The possibility of the lighter end (GRO) traveling from the surface to 35' is possible, but the evidence of no significant traces of either GRO or DRO between the surface to 35' make this theory very unlikely.

In conclusion, due to the vast differences in chemical make-up and lack of evidence of leaching from surface contamination; it is very unlikely that the contamination from 35' (MW-1 and MW-3) is from the same source as the surface contaminant (SS-1 and SS-2).

Should you have any further questions please do not hesitate to call.

Sincerely,

Raland K Tuttle

Raland K. Tuttle

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 01/31/00
Analysis Date: 02/01/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	Sample Date
23259	MW-1 (5')	<10	<10	1/27/00
23260	MW-1 (35')	20	54	1/27/00
23261	MW-2 (5')	<10	33	1/27/00
23262	MW-2 (35')	<10	<10	1/27/00
23263	MW-3 (5')	<10	<10	1/27/00
23264	MW-3 (35')	827	885	1/27/00
23265	MW-4 (5')	<10	<10	1/27/00
23266	MW-4 (35')	<10	<10	1/27/00
23267	MW-5 (35')	<10	<10	1/28/00
23268	MW-5 (40')	<10	<10	1/28/00
23269	MW-6 (25')	45	472	1/28/00
23270	MW-6 (30')	74	373	1/28/00
23271	MW-6 (35')	<10	11	1/28/00
23272	MW-7 (30')	<10	<10	1/28/00
23273	SB-1 (6')	<10	78	1/27/00
23274	SB-1 (30')	129	199	1/27/00
	%INSTRUMENT ACCURACY	107	93	
	% EXTRACTION ACCURACY	100	88	
	BLANK	<10	<10	

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle — Date: 2-7-00

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: See Below
Receiving Date: 01/31/00
Analysis Date: 2/2 & 2/3/00

ELT#	FIELD CODE/SAMPLE DATE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
23259	MW-1 (5') 1/27/00	<0.100	<0.100	0.130	0.155	<0.100
23260	MW-1 (35') 1/27/00	<0.100	0.353	0.138	0.395	0.200
23261	MW-2 (5') 1/27/00	<0.100	0.139	0.215	0.221	0.116
23262	MW-2 (35') 1/27/00	<0.100	<0.100	<0.100	<0.100	<0.100
23263	MW-3 (5') 1/27/00	<0.100	<0.100	<0.100	<0.100	<0.100
23264	MW-3 (35') 1/27/00	2.09	1.28	3.10	4.88	2.03
23265	MW-4 (5') 1/27/00	<0.100	0.140	<0.100	0.166	<0.100
23266	MW-4 (35') 1/27/00	<0.100	0.105	<0.100	0.290	0.167
23267	MW-5 (35') 1/28/00	<0.100	0.244	<0.100	0.310	0.183
23268	MW-5 (40') 1/28/00	<0.100	<0.100	<0.100	<0.100	<0.100
23269	MW-6 (25') 1/28/00	0.131	0.635	0.314	1.65	0.967
23270	MW-6 (30') 1/28/00	0.531	1.18	0.350	<0.100	0.754
23271	MW-6 (35') 1/28/00	<0.100	<0.100	<0.100	<0.100	<0.100
23272	MW-7 (30') 1/28/00	<0.100	0.184	0.117	0.210	0.111
23273	SB-1 (6') 1/27/00	<0.100	<0.100	<0.100	<0.100	<0.100
23274	SB-1 (30') 1/27/00	<0.100	0.923	0.538	1.22	0.567
	% IA	94	91	88	90	88
	% EA	94	87	87	88	85
	BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: EPA SW 846-8021B,5030

Raland K. Tuttle

2-7-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713
970 - 401 - 1412

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 75

Project Manager: J. TAYLOR

Phone #: (915) 664-9166

FAX #: (505) 392-3760

Company Name & Address: ETGI
P.O. Box 4845, Midland, TX 79704

Project #: EOT 1043C

Project Name: [redacted] RED BYRD

Project Location: MONUMENT, N.M.

Sampler Signature: Ken Dutton

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TOS	RCI	TPH 8015 DRO/GRO		
23259	MW-1 (5')	1	4oz	X							X			01-27	0935	X								X	X	
23260	MW-1 (35')	1	4oz	X							X				0945										X	
23261	MW-2 (5')														1320										X	
23262	MW-2 (35')														1350											
23263	MW-3 (5')														1435										X	
23264	MW-3 (35')														1450											
23265	MW-4 (5')														1600										X	
23266	MW-4 (35')														1645											
23267	MW-5 (35')													01-28	0850										X	
23268	MW-5 (40')														0855											
23269	MW-6 (25')														0930											

Relinquished by:	Date:	Time:	Received by:
[signature]	3 Jan 00	1240	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory: [signature]

REMARKS

FAX RESULTS: K. DUTTON

RUN (4) hottest 30-35' range

INVOICE: L. FROST

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC: 75

Project Manager: J. Taylor

Phone #: (915) 664-9166

FAX #: (505) 392-3760

Company Name & Address: ETGI P.O. BOX 4845, MIDLAND TX 79704

Project #: EOT 1043C

Project Name: RED BYRD

Project Location: MONUMENT NM

Sampler Signature: [signature]

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE (2000)	TIME	BTEX 8020/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	TPH 8015 DRO/GRO	
23270	MW-6 (30')	1	4oz		X						X			01-27	0950	X								X	
23271	MW-6 (35')														1020										X
23272	MW-7 (30')														1145										
23273	SB-1 (6')													1-27	1110										
23274	SB-1 (30')													1-27	1140										

Relinquished by:	Date:	Time:	Received by:
[signature]	31 Jan 00	1240	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory: [signature]

REMARKS:

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1043C
Project Name: Red Byrd
Project Location: Monument, N.M.

Sampling Date: 02/08/00
Receiving Date: 02/08/00
Analysis Date: 02/14/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
23433	SS-1	<100	4550
23434	SS-2	<100	1627
	%INSTRUMENT ACCURACY	111	110
	% EXTRACTION ACCURACY	112	113
	BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO

Raland K. Tuttle

2-16-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Jesse Taylor
Phone #:
FAX #:
Company Name & Address: ETGI
Project #: EOT 1043C
Project Name: Red Bird
Project Location: Monument, N.M.
Sampler Signature:

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI	Ranger Prod
23433	SS-1	1			X						X			2-8	905									X
23434	SS-2	1			X						X			2-8	910									X

Relinquished by:	Date:	Time:	Received by:
	2-8-00		
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
		16:00	

REMARKS:

FEB 10 '00 15:32

Olson, William

From: Lennah Frost [SMTP:Lennah_Frost@EOTT.COM]
Sent: Thursday, February 17, 2000 2:46 PM
To: Olson, William
Subject: Red Byrd #1

During the week of February 1, 2000, EOTT was conducting preliminary soil tests on an old Texas New Mexico Pipeline leaksite located in Unit N, Sec. 36, T-20-S, R-35-E. Several soil borings were completed along with 3 monitor wells. Soil and water samples were taken from all borings and the monitor wells. A preliminary subsurface investigation should be complete within the next 2 weeks.

Water samples pulled from the wells indicated that there was product on the water but exactly what is unknown at this time. The water is being analyzed by Environmental Labs of Texas and results should be in tomorrow. I will send you copies of all analyticals on the water and you will also receive the preliminary report.