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

July 7, 2004

Mr. Jimmy Bryant
P.O. Box 1660
Midland, TX 79703

Dear Mr. Bryant:

The New Mexico Oil Conservation Division has received Link's "Preliminary 2003 Ground Water Monitoring Summary" for the Link Energy South Mattix Sump #2000-10410 (NMOCD ref. 1R0091) site dated April 5, 2004.

NMOCD inspected the subject site on December 3, 2003. At that time the sump at the site was still leaking. Has this sump now been repaired? If so, please send documentation to that effect including recent photographs of the site. If not, this sump must be repaired or pulled and replaced by August 15, 2004.

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 W. Johnson, NMOCD, Hobbs
Jeff Dann, Link Energy, Houston
Pat McCasland, EPI

ENVIRONMENTAL PLUS, INC. Micro-Blaze Micro-Blaze Oct™
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

April 5, 2004

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

1R-91

Subject: Preliminary 2003 Ground water monitoring summary

Re: Link Energy South Mattix Sump #2000-10410
UL-G Section 15 T24S R37E
Lea County New Mexico
Landowner: Grobe

Dear Mr. Martin,

Environmental Plus, Inc. (EPI), on behalf of Mr. Frank Hernandez, Link Energy, submits for your consideration this *Preliminary 2003 Ground Water Monitoring Report* for the Link Energy South Mattix Sump #2000-10410. The information included in this submittal summarizes water levels and analytical results and includes an annotated map of the site.

If there are any questions or comments please call Mr. Ben Miller or myself at EPI's offices, or at 505-390-2088 or 505-390-7864 respectively. Mr. Hernandez may be contacted through Link's Midland office at 915-638-3799 or 505-631-3095.

All official correspondence should be addressed to:

Mr. Frank Hernandez
Link Energy
P.O. Box 1660
5805 East Highway 80
Midland, Texas 79703

Sincerely,

Pat McCasland
EPI Technical Manager

cc: Larry W. Johnson, NMOCD – Hobbs District Office
Frank Hernandez, Link Energy
Jeff Dann, Link Energy (Houston)
Sherry Miller, EPI President
Ben Miller, EPI Vice President and General Manager

P.O. BOX 1558 • • • 2100 AVENUE O • • • EUNICE, NEW MEXICO 88231
TELEPHONE 505•394•3481 • • • FAX 505•394•2601

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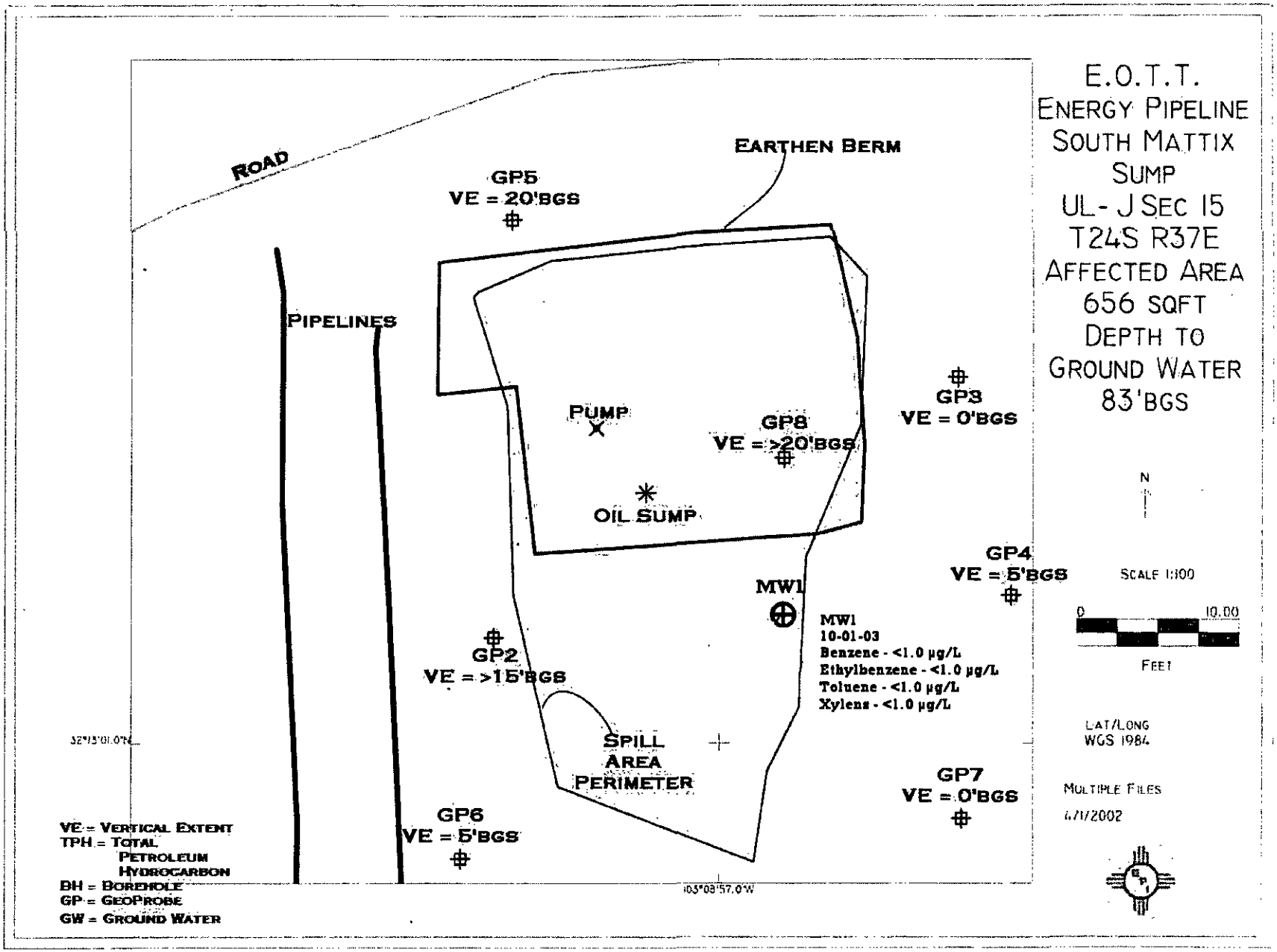
E.O.T.T.
ENERGY PIPELINE
SOUTH MATTIX
SUMP
UL- J SEC 15
T24S R37E
AFFECTED AREA
656 SQFT
DEPTH TO
GROUND WATER
83'BGS
ROAD
EARTHEN BERM
GP5
VE = 20'BGS
PIPELINES
PUMP
GP8
VE = >20'BGS
GP3
VE = 0'BGS
OIL SUMP
GP4
VE = 5'BGS
MW1
MW1
10-01-03
Benzene - <1.0 µg/L
Ethylbenzene - <1.0 µg/L
Toluene - <1.0 µg/L
Xylens - <1.0 µg/L
GP2
VE = >15'BGS
SPILL
AREA
PERIMETER
GP7
VE = 0'BGS
GP6
VE = 5'BGS
VE = VERTICAL EXTENT
TPH = TOTAL
PETROLEUM
HYDROCARBON
BH = BOREHOLE
GP = GEOPROBE
GW = GROUND WATER
N
SCALE 1:100
0
10.00
FEET
LAT/LONG
WGS 1984
MULTIPLE FILES
4/1/2002

Link Energy

South Mattix Sump #2000-10410

Water Level and Analytical Information

Well #	Date	Water Level	Total Depth	Benzene	Ethylbenzene	m,p-Xylenes	o-Xylene	Toluene	Chloride	TDS
		'btoc	'btoc	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
MW1	12/28/2001	86.00	88.50	2.00	1.00	7.00	2.00	1.00	46	655
MW1	4/3/2002	86.00	88.45	26.10	10.10	25.50	13.20	26.00	na	na
MW1	7/9/2002	86.09	88.45	26.10	5.93	16.70	7.48	13.40	105	731
MW1	10/5/2002	86.10	88.45	16.00	2.88	7.89	2.54	5.82	na	na
MW1	12/13/2002	86.08	88.40	10.20	1.06	5.18	<1	<1	na	na
MW1	2/17/2003	86.07	88.45	<1	<1	<1	<1	<1	na	na
MW1	4/2/2003	86.04	88.50	7.63	<1	4.54	1.30	<1	na	na
MW1	7/25/2003	86.15	88.50	4.68	1.41	3.32	1.63	3.07	na	na
MW1	10/1/2003	86.15	88.50	<1	<1	<1	<1	<1	na	na
			WQCC Standard	10.00	750.00	Total Xylene 620.0		750.00	250	1000

'btoc - feet below top of casing
µg/L - micrograms per Liter
TDS - Total Dissolved Solids
WQCC - New Mexico Water Quality Control Commission

ENVIRONMENTAL PLUS, INC.
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

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December 19, 2002

Mr. Randolph, Hydrologist
Energy, Minerals, and Natural Resources Department
New Mexico Oil Conservation Division, Environmental Bureau
P.O. Box 6429
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: EOTT Energy Pipeline
South Mattix Transfer Pump #2000-10410
UL-G Section 15 T24S R37E
Land owner of record: Grobe Estate

RECEIVED
DEC 30 2002
Environmental Bureau
Oil Conservation Division

Subject: Notification of ground water impact

Mr. Bayliss,

This notification of ground water impact is being submitted by Environmental Plus, Inc. (EPI) of Eunice, New Mexico on behalf of Mr. Wayne Brunette, EOTT District Environmental Supervisor and follows the 12-19-02 verbal notification.

Even though the August 2000 site delineation did not indicate ground water impact, the well was installed to avoid duplicate drilling costs in anticipation of it being required to support the soil remediation plan that would propose disposal of the upper 8 feet of contamination and isolating the remaining hydrocarbon source term with an oversized clay barrier supported by a risk assessment. At the direction from the New Mexico Oil Conservation Division, EOTT began quarterly monitoring of the well in December 2001.

On 12-13-02 during quarterly monitoring of the South Mattix #2000-10410 Monitor Well #1, an oil sheen was observed on the purge water. Benzene had previously been detected above the 20 NMAC 6.2.3103A, i.e., the New Mexico Water Quality Control Commission (WQCC) Benzene standard of 0.01 mg/L.

The sheen is in excess of **20 NMAC 6.2.3103A**, i.e., "Non-aqueous phase liquid shall not be present floating atop or immersed within ground water, as can be reasonably measured."

EOTT will address the contamination consistent with Rule 19 NMAC 15.1.19 B(2) which states:

> The ground-water pollution at any place of withdrawal for present or reasonably foreseeable future use, where the TDS concentration is 10,000 mg/L or less, shall be abated to conform to the following standard;
> (a) Toxic pollutant(s) as defined in 20 NMAC 6.2.1101 shall not be present; and
> (b) The standards of **20 NMAC 6.2.3103** shall be met.

P.O. BOX 1558 ••• 2100 WEST AVE. O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 505•394•3481 FAX 505•394•2601

ENVIRONMENTAL PLUS, INC.

All official communication should be sent to;

Mr. Wayne Brunette
District Environmental Supervisor
EOTT Energy Pipeline
5805 East Highway 80
P.O. Box 1660
Midland, TX 79703
Office 915.684.3479; Mobile: 915.553.7557; FAX: 915.684.3456

Attached is a summary of the ground water data collected to date, the laboratory analytical reports from past sampling events, photographs, maps, and the monitor well construction diagram.

Ground water level is consistently measured at 83' below ground surface and there are no surface water bodies or domestic or agricultural water wells within 1000 horizontal feet of the site.

If there are any questions please contact Mr. Brunette or Ben Miller or myself at the office or at 505.390.0288 and 505.390.7864, respectively.

Sincerely,

Pat McCasland
EPI Technical Services Manager

cc: Wayne Brunette, ETS
William Kendrick, ETS
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President
file

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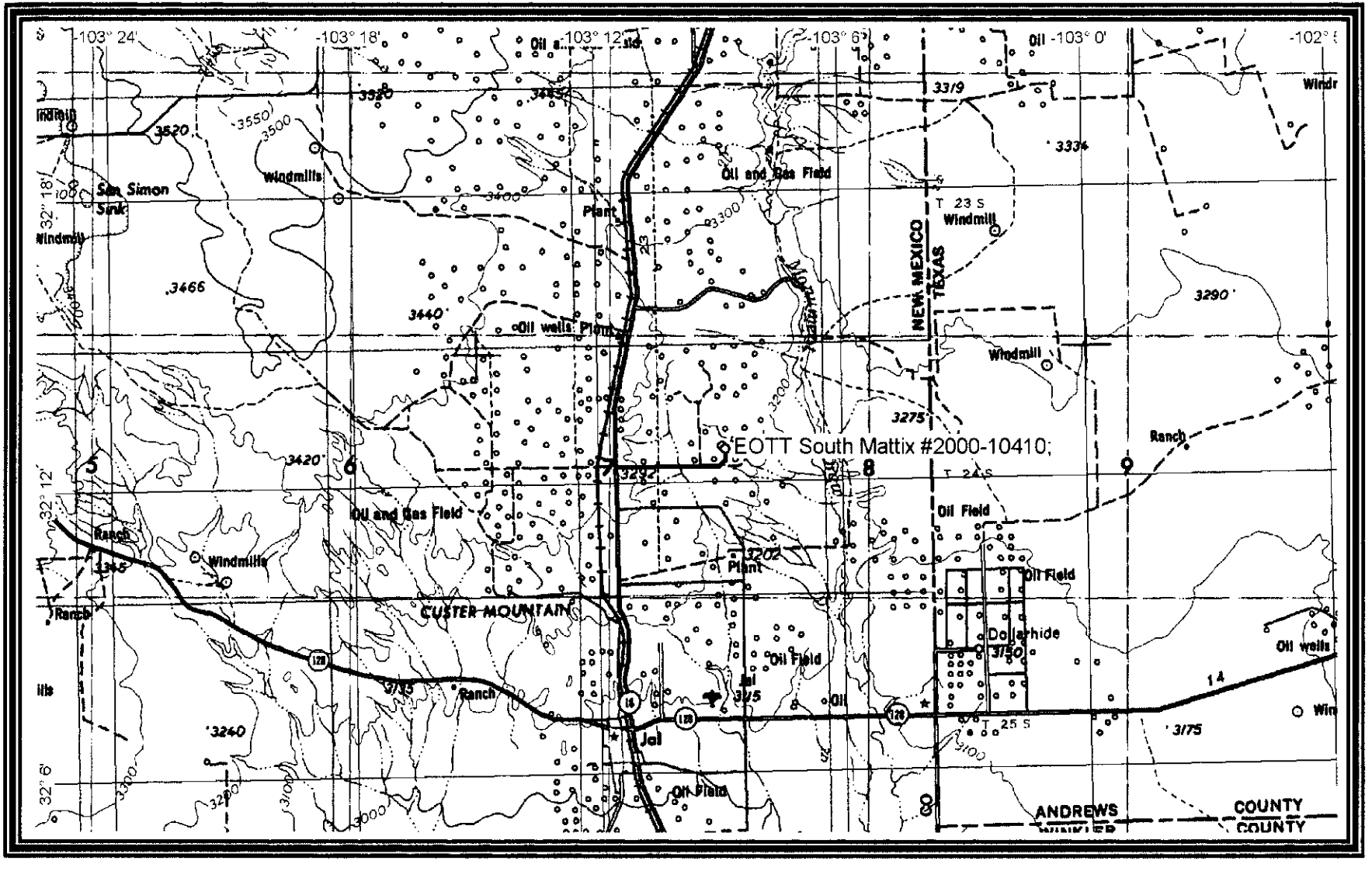
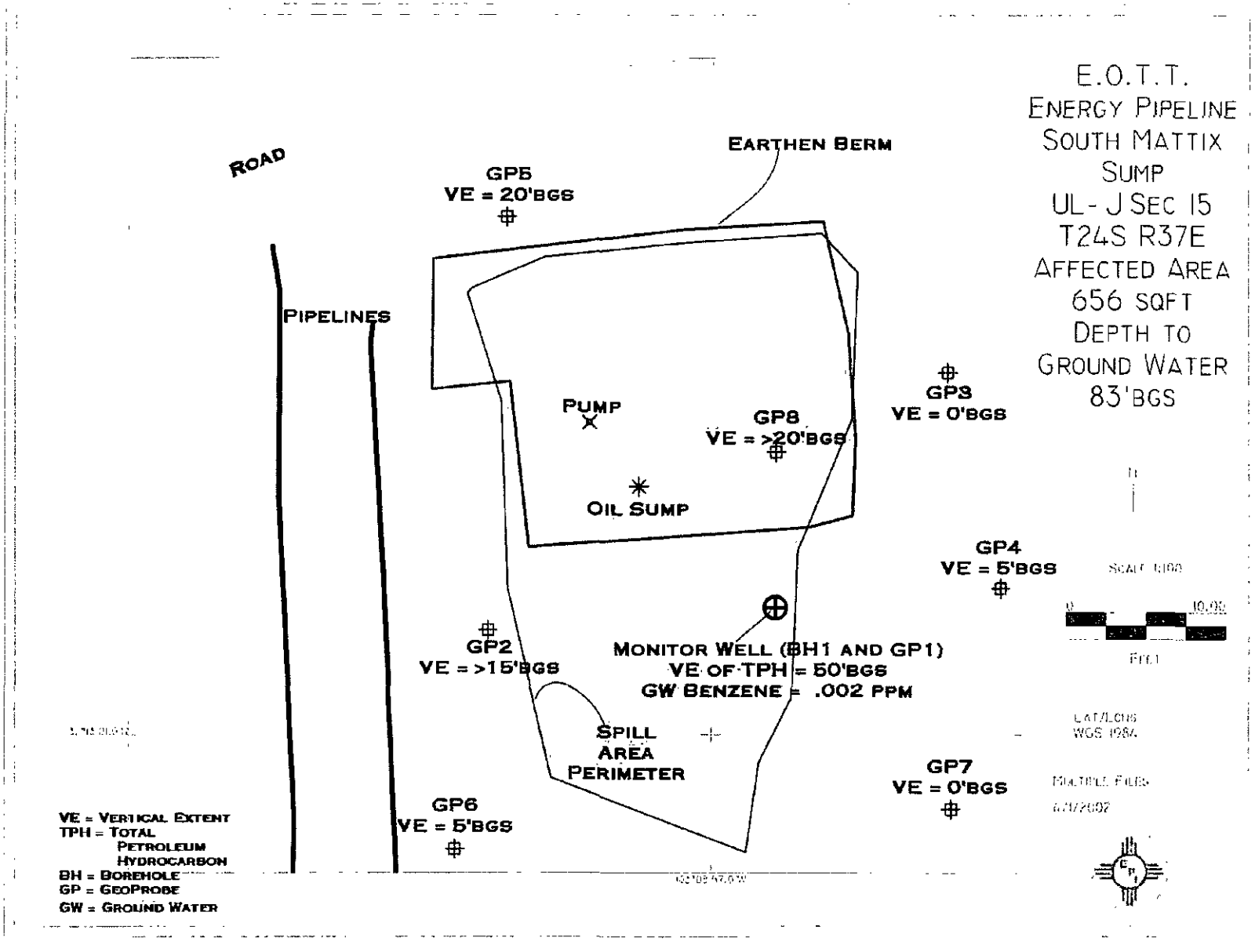

EOTT South Mattix #2000-10410;
-103° 24'
-103° 18'
-103° 12'
-103° 6'
-103° 0'
-102°
32° 18'
32° 12'
32° 6'
NEW MEXICO
TEXAS
T 23 S
T 24 S
T 25 S
CUSTER MOUNTAIN
San Simon Sink
Windmills
Windmill
Oil and Gas Field
Oil wells
Oil Field
Plant
Ranch
Jal
Dollarhide
ANDREWS COUNTY
3520
3500
3550
3400
3300
3466
3440
3420
3290
3275
3240
3334
3319
3375
3750


E.O.T.T.
ENERGY PIPELINE
SOUTH MATTIX
SUMP
UL - J SEC 15
T24S R37E
AFFECTED AREA
656 SQFT
DEPTH TO
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83'BGS
ROAD
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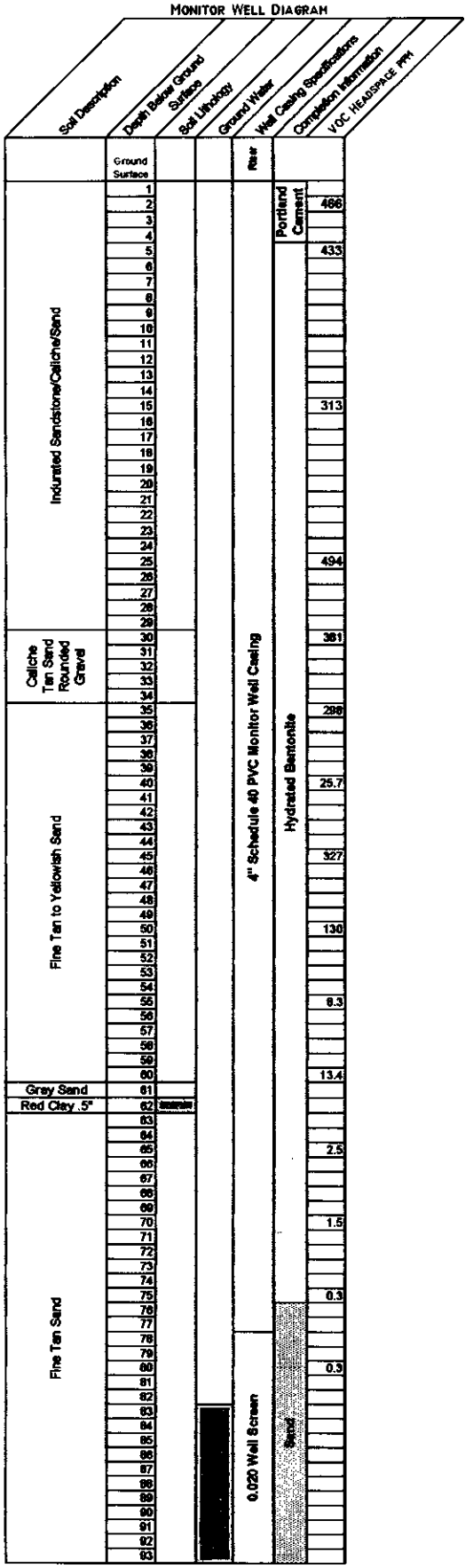
VE = 20'BGS
PIPELINES
PUMP
GP8
VE = >20'BGS
GP3
VE = 0'BGS
OIL SUMP
GP4
VE = 5'BGS
GP2
VE = >15'BGS
MONITOR WELL (BH1 AND GP1)
VE OF TPH = 50'BGS
GW BENZENE = .002 PPM
SPILL
AREA
PERIMETER
GP7
VE = 0'BGS
GP6
VE = 5'BGS
VE = VERTICAL EXTENT
TPH = TOTAL PETROLEUM HYDROCARBON
BH = BOREHOLE
GP = GEOPROBE
GW = GROUND WATER

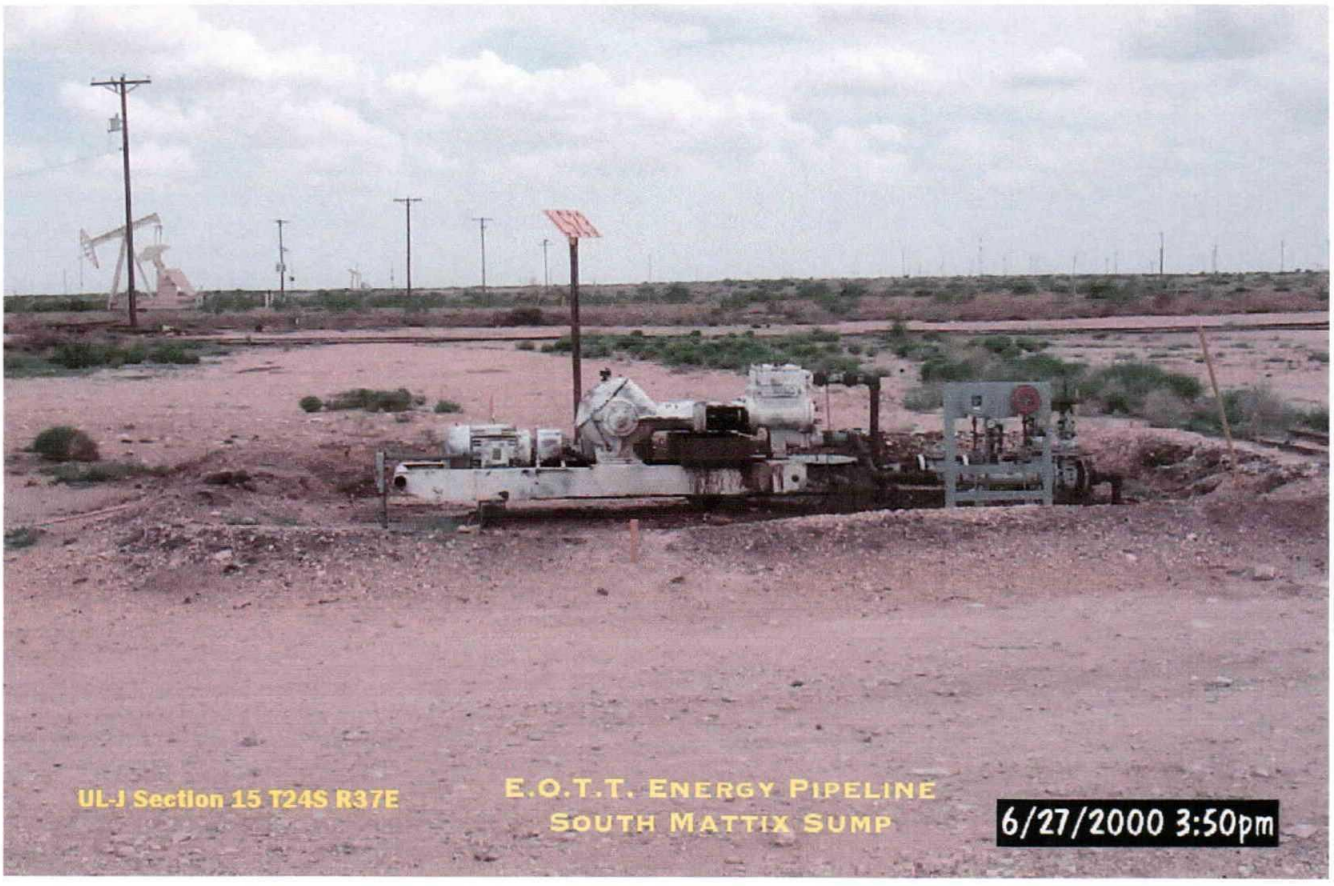
EOTT Energy Pipeline
South Mattix #2000-10410
Monitor Well Data Summary (Well installed 8-30-00)

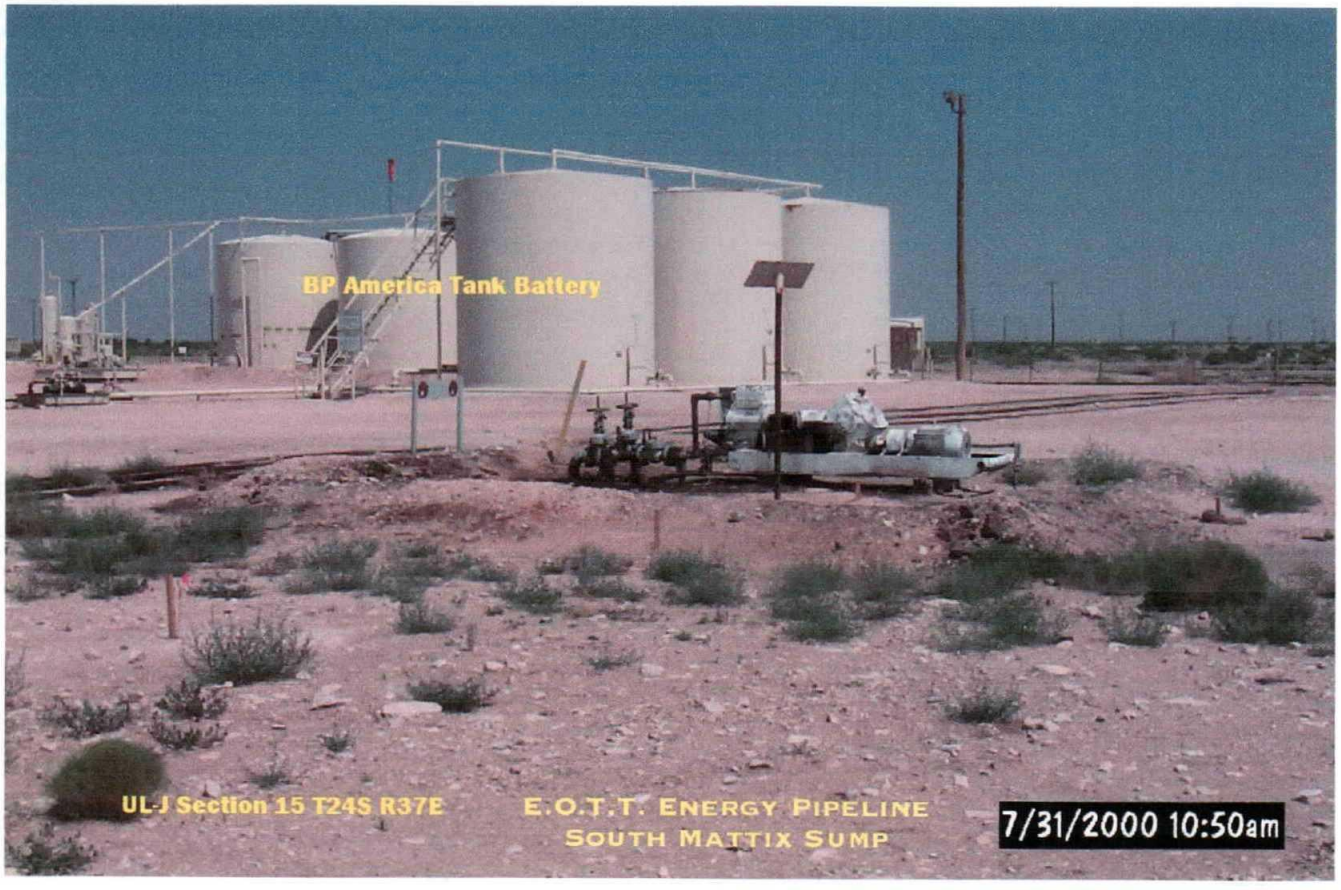
	Sample Date	12/28/2001	4/3/2002	7/9/2002	10/5/2002	12/13/2002
	Observations	no product	no product	no product	no product	oil sheen
Parameter	Units	ESM122801MW	WESMMW4302	WESM7902MW	WESM10502MW	WESM121302MW
Water Level (below ground level)	feet	-	83.10	83.05	83.07	83.07
TPH[1] (GRO)[2]	mg/L	<3	[5]na	na	na	
TPH (DRO)[3]	mg/L	<3	na	na	na	
TPH (DRO+GRO)	mg/L	<3	na	na	na	
Benzene	mg/L	0.00200	0.02610	0.02610	0.01600	
Toluene	mg/L	0.00100	0.02600	0.01340	0.00582	
Ethyl Benzene	mg/L	0.00100	0.01010	0.00593	0.00288	
m, p-XYLENE	mg/L	0.00700	0.02550	0.01670	0.00789	
o-XYLENE	mg/L	0.00200	0.01320	0.00748	0.00254	
Total Xylene[4]	mg/L	0.00900	0.03870	0.02418	0.01043	
Naphthalene	mg/L	[6]ND	na	na	na	
Acenaphthylene	mg/L	ND	na	na	na	
Acenaphthene	mg/L	ND	na	na	na	
Fluorene	mg/L	ND	na	na	na	
Phenanthrene	mg/L	ND	na	na	na	
Anthracene	mg/L	ND	na	na	na	
Fluoranthene	mg/L	ND	na	na	na	
Pyrene	mg/L	ND	na	na	na	
Benzo[a]anthracene	mg/L	ND	na	na	na	
Chrysene	mg/L	ND	na	na	na	
Benzo[b]fluoranthene	mg/L	ND	na	na	na	
Benzo[k]fluoranthene	mg/L	ND	na	na	na	
Benzo[a]pyrene	mg/L	ND	na	na	na	
Indeno[1,2,3,-cd]pyrene	mg/L	ND	na	na	na	
Dibenzo[a,h]anthracene	mg/L	ND	na	na	na	
Benzo[g,h,i]perylene	mg/L	ND	na	na	na	
Silver	mg/L	0.008	na	na	na	
Arsenic	mg/L	0.035	na	na	na	
Barium	mg/L	0.172	na	na	na	
Cadmium	mg/L	0.003	na	na	na	
Chromium	mg/L	0.018	na	na	na	
Mercury	mg/L	ND	na	na	na	
Lead	mg/L	0.031	na	na	na	
Selenium	mg/L	0.035	na	na	na	
Carbonate	mg/L	<0.100	na	na	na	
Bicarbonate	mg/L	310	na	na	na	
Sulfate	mg/L	122	na	na	na	
Nitrate	mg/L	1.4	na	na	na	
Calcium	mg/L	113	na	na	na	
Potassium	mg/L	4.56	na	na	na	
Magnesium	mg/L	24	na	na	na	
Sodium	mg/L	49.6	na	na	na	
Chloride (Cl)	mg/L	46	na	na	na	
Total Disolved Solids (TDS)	mg/L	655	na	na	na	
pH	SU	7.43	na	na	na	

[1]TPH - Total Petroleum Hydrocarbon EPA Method 8015M
[2]GRO - Gasoline Range Organics C_6-C_{10}
[3]DRO - Diesel Range Organics C_{10}-C_{28}
[4]Total Xylene - Sum of the m, p, and o - Xylene values.
[5]na- Not Analyzed
[6]ND- Not detected above instrument detection limit

EOTT SOUTH MATTIX #2000-10410
MONITOR WELL DIAGRAM




UL-J Section 15 T24S R37E
E.O.T.T. ENERGY PIPELINE
SOUTH MATTIX SUMP
6/27/2000 3:50pm


BP America Tank Battery
UL-J Section 15 T24S R37E
E.O.T.T. ENERGY PIPELINE
SOUTH MATTIX SUMP
7/31/2000 10:50am


UL-J Section 15 T24S R37E
E.O.T.T. ENERGY PIPELINE
SOUTH MATTIX SUMP
MONITOR WELL INSTALLATION
8/30/2000 9:43am

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY PIPELINE
ATTN: WAYNE BRUNETTE
5805 E. HWY. 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 0.5 deg C
Project Name: South Mattix
Project #: 2000-10410
Project Location: None Given

Sampling Date: 12/28/01
Receiving Date: 01/04/02
Analysis Date: 01/08/02

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
0202334-01	ESM122801MW	0.002	0.001	0.001	0.007	0.002
QUALITY CONTROL		0.110	0.109	0.103	0.223	0.106
TRUE VALUE		0.100	0.100	0.100	0.200	0.100
% IA		110	109	103	112	106
SPIKED AMOUNT		0.100	0.100	0.100	0.200	0.100
ORIGINAL SAMPLE		<0.001	<0.001	<0.001	<0.001	<0.001
SPIKE		0.110	0.108	0.104	0.225	0.107
SPIKE DUP		0.111	0.110	0.107	0.231	0.111
%EA		110	108	104	112	107
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001
RPD		0.90	1.83	2.84	2.63	3.67

METHODS: EPA SW 846-8021B ,5030

Celey D. Keene
Raland K. Tuttle

01/18/02
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY PIPELINE
ATTN: WAYNE BRUNETTE
5805 E. HIGHWAY 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ HNO3/ 0.5 Deg. C
Project Name: South Mattix
Project #: 2000-10410
Project Location: None Given

Sampling Date: 12/28/01
Receiving Date: 01/04/02
Analysis Date: 01/09/02
Analysis Date: Hg 01/04/02

TOTAL METALS (mg/L)

ELT#	Field Code	Ag	As	Ba	Cd	Cr	Hg	Pb	Se
0202334-01	ESM122801MW	0.008	0.035	0.172	0.003	0.018	ND	0.031	0.035
REPORT LIMIT		0.002	0.008	0.001	0.001	0.002	0.002	0.011	0.004
QUALITY CONTROL		1.02	1.01	0.987	1.01	0.980	0.015	0.995	0.995
TRUE VALUE		1.00	1.00	1.00	1.00	1.00	0.015	1.00	1.00
% INSTRUMENT ACCURACY		102	101	99	101	98	101	100	100
SPIKED AMOUNT		1.00	0.200	1.00	0.200	1.00	0.015	1.00	0.200
ORIGINAL SAMPLE		<0.002	<0.008	<0.001	<0.001	<0.002	<0.002	<0.011	<0.004
SPIKE		1.00	0.226	0.969	0.211	0.946	0.017	0.967	0.238
SPIKE DUP		1.01	0.229	0.970	0.213	0.958	0.016	0.978	0.231
% EXTRACTION ACCURACY		101	115	97	106	96	106	98	115
BLANK		<0.002	<0.008	<0.001	<0.001	<0.002	<0.002	<0.011	<0.004
RPD		1.19	1.40	0.09	0.66	1.28	6.69	1.09	3.28

ND= Not detected at report limit.

METHODS: EPA SW 846- 3005, 6010B, 7470

Celey D. Keene
Raland K. Tuttle

01/18/02
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY PIPELINE
ATTN: WAYNE BRUNETTE
5805 E. HIGHWAY 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 0.5 deg C
Project Name: South Mattix
Project #: 2000-10410
Project Location: None Given

Sampling Date: 12/28/01
Receiving Date: 01/04/02
Analysis Date: 01/04/02

ELT#	FIELD CODE	pH s.u.	Carbonate mg/L	Bicarbonate mg/L	Chloride mg/L	Sulfate mg/L	* Nitrate mg/L	TDS mg/L
0202334-01	ESM122801MW	7.43	<0.100	310	46	122	1.4	655
REPORT LIMIT		NA	0.100	2.00	5.00	0.500	0.500	5.00
QUALITY CONTROL		7.28	0.020	0.020	5140	49.5	10.6	NA
TRUE VALUE		7.00	0.020	0.020	5000	50.0	10.0	NA
% INSTRUMENT ACCURACY		104	102	102	103	99	106	NA
SPIKED AMOUNT		NA	NA	NA	200	40	NA	NA
ORIGINAL SAMPLE		NA	NA	NA	120	24.3	NA	NA
SPIKE		NA	NA	NA	312	69.1	NA	NA
SPIKE DUP		NA	NA	NA	316	68.6	NA	NA
% EXTRACTION ACCURACY		NA	NA	NA	98	107	NA	NA
BLANK		NA	<0.100	<2.00	<5.00	<0.500	<0.500	<5.00
RPD		0.134	0.00	0.647	1.27	0.73	15.4	13.4

METHODS: EPA 120.1, 375.4, 353.3, 340.1, 160.1, SW 846-9253

*Note: Nitrate received and analyzed after the holding time expired.

Celey D. Keene
Raland K. Tuttle

01/18/02
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY PIPELINE
ATTN: WAYNE BRUNETTE
5805 E. HIGHWAY 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ HNO3/ 0.5 deg C
Project Name: South Mattix
Project #: 2000-10410
Project Location: None Given

Sampling Date: 12/28/01
Receiving Date: 01/04/02
Analysis Date: 01/07/02

ELT#	FIELD CODE	Ca mg/L	K mg/L	Mg mg/L	Na mg/L
0202334-01	ESM122801MW	113	4.56	24.0	49.6
	REPORT LIMIT	0.01	0.05	0.001	0.01
	QUALITY CONTROL	1.94	1.81	2.08	1.78
	TRUE VALUE	2.00	2.00	2.00	2.00
	% INSTRUMENT ACCURACY	97	91	104	89
	SPIKED AMOUNT	1.00	1.00	1.00	1.00
	ORIGINAL SAMPLE	<0.01	<0.05	<0.001	<0.01
	SPIKE	0.972	0.883	1.10	0.889
	SPIKE DUP	0.974	0.887	1.08	0.851
	% EXTRACTION ACCURACY	97	88	110	89
	BLANK	<0.01	<0.05	<0.001	<0.01
	RPD	0.18	0.45	1.01	4.32

METHODS: SW846-6010B

Celey D. Keene
Raland K. Tuttle

01/18/02
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY PIPELINE
ATTN: WAYNE BRUNETTE
5805 E. HIGHWAY 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat Mc Casland)

Sample Type: Water
Sample Condition: Intact/ Iced/ 0.5 deg C
Project Name: South Mattix
Project #: 2000-10410
Project Location: None Given

Sampling Date: 12/28/01
Receiving Date: 01/04/02
Extraction Date: 01/04/02
Analysis Date: 01/17/02
Field Code: ESM122801MW

EPA SW846 8270C (mg/L)	REPORT LIMIT	ELT# 0202334-01	RPD	%EA	%DEV
Naphthalene	0.005	ND			-15.7
Acenaphthylene	0.005	ND			-13.8
Acenaphthene	0.005	ND	1	66	-15.4
Fluorene	0.005	ND			-20.4
Phenanthrene	0.005	ND			-6.8
Anthracene	0.005	ND			-18.3
Fluoranthene	0.005	ND			-15.5
Pyrene	0.005	ND	2	79	5.1
Benzo[a]anthracene	0.005	ND			-15.6
Chrysene	0.005	ND			-0.8
Benzo[b]fluoranthene	0.005	ND			-40.9#
Benzo[k]fluoranthene	0.005	ND			-33.6#
Benzo [a]pyrene	0.005	ND			-31.6#
Indeno[1,2,3-cd]pyrene	0.005	ND			-21.6
Dibenz[a,h]anthracene	0.005	ND			-24.7
Benzo[g,h,i]perylene	0.005	ND			-8.3

	% RECOVERY
Nitrobenzene-d5 SURR	66
2-Fluorobiphenyl SURR	69
p-Terphenyl-d14 SURR	91

ND= not detected at report limit.
Method: EPA SW 846 8270C , 3510

Celey D. Keene
Raland K. Tuttle

01/18/02
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT ENERGY PIPELINE
ATTN: WAYNE BRUNETTE
5805 E. HIGHWAY 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 0.5 deg C
Project Name: South Mattix
Project #: 2000-10410
Project Location: None Given

Sampling Date: 12/28/01
Receiving Date: 01/04/02
Analysis Date: 01/04/02

ELT #	FIELD CODE	GRO C6-C10 mg/L	DRO >C10-C28 mg/L
0202334-01	ESM122801MW	<3	<3
	QUALITY CONTROL	588	532
	TRUE VALUE	500	500
	% INSTRUMENT ACCURACY	118	106
	SPIKED AMOUNT	476	476
	ORIGINAL SAMPLE	<3	<3
	SPIKE	412	467
	SPIKE DUP	449	471
	% EXTRACTION ACCURACY	94	99
	BLANK	<3	<3
	RPD	8.59	0.85

Methods: SW 846-8015M

Celey D. Keene
Raland K. Tuttle

01/18/02
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

Project Manager: Wayne Brunette
Company Name: EOTT ENERGY PIPELINE
Company Address: 5805 E. HIGHWAY 80
City/State/Zip: MIDLAND TX 79701
Telephone No:
Sampler Signature: Cody Miller

Project Name: South Mattix
Project #: 2000-10410
Project Loc:
PO#:

					Preservative							Matrix				Analyze For (TCLP / TOTAL ✓)															
Lab #	Sample ID	Date Sampled	Time Sampled	No. of Containers	ICE	HNO	HCl	NaOH	HSO	None	Other (Specify)	Water	Sludge	Soil	Other (Specify)	TDS/CL/SAR/EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals	Volatiles	Semivolatiles	btex 8021B/5030	PAH	General Chemistry					RUSH TAT	Standard TAT
020231-01	ESM122801MW	12/28/2001	11:40	2	X							X							X												✓
02	ESM122801MW	12/28/2001	11:42	2	X		X					X											X								✓
01	ESM122801MW	12/28/2001	11:45	1	X							X												X							✓
01	ESM122801MW	12/28/2001	11:46	1	X							X								X											✓
01	ESM122801MW	12/28/2001	11:47	1	X							X													X						

Special Instructions

FAX RESULTS TO PAT MCCASLAND ~~ASAP~~

Standard turn per Cody 1-04-02
NO3 - out of Hold when Received.

Relinquished:	Date	Time	Received by:	Date	Time
Cody Miller	12/29/01	4:00	Brett CIAT	12/29/01	4:00
Brett CIAT	1/4/02	9:35	[illegible signature]	1-04-02	0935

Sample Containers Intact Y N
Temperature Upon Request
Laboratory Comments:
Rec 0.5°C

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

ient: Environmental Plus, Inc.
tn: Pat McCasland
ldress: 1324 M.St Po Box
Eunice NM 88231

one: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 127954 **Report Date:** 04/16/02
Project ID: South Matrix 2000-10410
Sample Name: WESMMW4302
Sample Matrix: water
Date Received: 04/11/2002 **Time:** 10:30
Date Sampled: 04/03/2002 **Time:** 11:30

PORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

rameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
latile organics-8260b/BTEX	---		---		04/12/02	8260b	---	---	---	---	---
nzene	26.1	µg/L	1	<1	04/12/02	8260b	---	5.9	80.3	87.1	83
ylbenzene	10.1	µg/L	1	<1	04/12/02	8260b	---	2.4	103.5	116.1	108.8
p-Xylenes	25.5	µg/L	1	<1	04/12/02	8260b	---	3.9	106.7	119.7	113
Xylene	13.2	µg/L	1	<1	04/12/02	8260b	---	4.9	104.3	116.1	110.6
luene	26	µg/L	1	<1	04/12/02	8260b	---	7.2	85.8	89.8	89.6

is analytical report is respectfully submitted by AnalySys, Inc. The enclosed results ve been carefully reviewed and, to the best of my knowledge, the analytical results 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.

Report to:
Company Name: Environmental Plus
Address: 2100 Ave O
City: Eunice State: N.M Zip: 88231
ATTN: Pat McCasland
Phone: 505-394-3481 Fax: 505-394-2601

Bill to (if different):
Company Name: EOTT Energy
Address:
City: Midland State: TX Zip: 79701
ATTN: Frank Hernandez
Phone: Fax:

ANALYSIS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 7
(512) 444-5896

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: South Monument 2000-10410 Sampler: Bradley Blair

Analyses Requested (1)
Please attach explanatory information as req

Client Sample No. / Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021	Comments
ESMMW4302	4-3-02	11:30	2		X		127954	X	

Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal rep (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 Pollu 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
RB	EA			Melanie Humphrey	ASI	4/4/02	10:3

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

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 Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 131466 **Report Date:** 07/23/02
Project ID: South Matrix #2000-10410
Sample Name: WESM7902MW
Sample Matrix: water
Date Received: 07/12/2002 **Time:** 09:15
Date Sampled: 07/09/2002 **Time:** 13:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		07/15/02	8260b	---	---	---	---	---
Benzene	26.1	µg/L	1	<1	07/15/02	8260b	---	5.4	91.6	102.7	84.1
Ethylbenzene	5.93	µg/L	1	<1	07/15/02	8260b	---	2.2	101.7	110.1	111.9
m,p-Xylenes	16.7	µg/L	1	<1	07/15/02	8260b	---	1.7	107.1	114.4	115
o-Xylene	7.48	µg/L	1	<1	07/15/02	8260b	---	1.6	102.9	110.5	110.1
Toluene	13.4	µg/L	1	<1	07/15/02	8260b	---	4	93.7	95.5	81.5

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

Respectfully Submitted,

Richard Laster

Richard Laster

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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 Plus, Inc.	**Project ID:** South Matrix #2000-10410	**Report#/Lab ID#:** 131466
Attn: Pat McCasland	**Sample Name:** WESM7902MW	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	97.8	88-110	---

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

...ts...:

...any Name Environmental Plus
...ess 2100 Ave O
Eunice State N.M Zip 88231
...N: Pat McCasland
...e 505-394-3481 Fax 505-394-2601
... Status (must be confirmed with lab mgr.): ______
...ct Name/PO#: South Mattix #2000-10410 Sampler: Bradley Bl...

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

Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78...
(512) 444-5896

Analyses Requested (1)
Please attach explanatory information as requ...

Client Sample No. ...scription/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B	Chloride	TDS						Comments
ESM7902MW	7-9-02	1:00	1		X		131465		X	X						
ESM7902MW	7-9-02	1:05	2		X		131466	X								

...ecifically 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 repo... ...QL). 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 Pollutar... ...at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 4.0 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[signature]	Environmental Plus	7-9-02		Melanie Humphrey	ASI	7/12/02	0915

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

AnalySys Inc.
[redacted] Austin, TX [redacted] &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 1324 M.St Po Box
Eunice NM 88231
Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 134894 **Report Date:** 10/14/02
Project ID: 2000-10410
Sample Name: WESM10502MW
Sample Matrix: water
Date Received: 10/09/2002 **Time:** 10:00
Date Sampled: 10/05/2002 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
Volatile organics-8260b/BTEX	---		---		10/11/02	8260b	---	---	---	---	---
Benzene	16	µg/L	1	<1	10/11/02	8260b	---	6.2	118.8	96.7	123.7
Ethylbenzene	2.88	µg/L	1	<1	10/11/02	8260b	---	5.8	109.5	118.6	115.6
m,p-Xylenes	7.89	µg/L	1	<1	10/11/02	8260b	---	1.1	108.2	118.7	107.8
o-Xylene	2.54	µg/L	1	<1	10/11/02	8260b	---	1.8	98.9	107.8	98.3
Toluene	5.82	µg/L	1	<1	10/11/02	8260b	---	6.6	96.6	103.1	100.6

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

Respectfully Submitted,

Richard Laster

Richard Laster

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

ANALYSYS INC.

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

Client: Environmental Plus, Inc.	**Project ID:** 2000-10410	**Report#/Lab ID#:** 134894
Attn: Pat McCasland	**Sample Name:** WESM10502MW	**Sample Matrix:** water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	106	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
(512) 444-5896

Send Report To:
Company Name: Environmental Plus
Address: 2100 Ave O
City: Eunice State: N.M Zip: 88231
ATTN: Pat McCasland
Phone: 505-394-3481 Fax: 394-2601

Bill to (if different):
Company Name: Eott Energy Pipeline
Address: 5805 E Hwy 80
City: Midland State: Tx Zip: 79701
ATTN: Frank Hernandez
Phone: 915-638-3799 Fax:

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: 2000-10410 Sampler: Bradley Blair

Analyses Requested (1)
Please attach explanatory information as re

Client Sample No. / Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021B								Comment
ESM10502MW	10-5-02	10:30	2		X		134894	X								

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

Temp: 4.0° C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Bradley Blair	Environmental Plus	10/5/02		Melonie Humphrey	ASI	10/9/02	10:0

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

EOTT ENERGY Pipeline Limited Partnership

P.O. BOX 1660
5805 E. BUSINESS 20
MIDLAND, TEXAS 79702
(915) 687-2040

June 28, 2000

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM. 87505

Re: Soil Remediation Work Plan
South Mattix Sump Site

Dear Mr. Olson:

EOTT Energy Pipeline (EOTT) wishes to provide notification to NMOCD of an ongoing subsurface investigation associated with the South Mattix Sump Site.

Background

The South Mattix Sump is located in Lea County approximately two miles east of Highway 18 between Eunice and Jal, New Mexico in Section 15, Township 24S, Range 37E, Unit Letter G. EOTT currently operates a pumping station with an in-ground sump used to collect incidental losses of oil. The sump is approximately nine feet deep and two feet in diameter. During periods of rainfall over several years, water has entered the sump and carried hydrocarbons out of the sump onto the surrounding soil. As a result, an area of soil covering approximately 225 square feet has been stained. EOTT plans to excavate the sump to perform maintenance.

An initial site investigation was performed at the referenced site in May 2000 in anticipation of these maintenance activities. This investigation consisted of 8 geoprobe borings advanced to determine the lateral and vertical extent of contamination and volume of hydrocarbon-impacted soil. Data collected from this initial phase indicated that subsurface contamination is present and that further delineation will be required. Based on a preliminary field survey of potential receptors in the vicinity, EOTT believes that the stained soil area is not posing any immediate threat. The Subsurface Investigation Report, which describes this initial investigation, is currently being prepared by Environmental Plus, Inc., and will include appropriate site ranking and future site activity information to address potential human health and environmental concerns, as required by NMOCD regulations.

As required by NMOCD, 1993, soil samples from the investigation were analyzed for total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO) and for benzene, toluene, ethylbenzene, and xylenes (BTEX). These data will be submitted to NMOCD once the additional delineation is completed.

Upon conclusion of the final site investigation activities, a report will be submitted to the NMOCD. If you have any questions on the information presented in this letter, please contact me at 915 684 3453. EOTT appreciates your assistance in resolving this issue.

Sincerely,

Glenn Waldrop
Director, Operations