



**SITE INVESTIGATION,
REMEDATION AND FINAL C-141
CLOSURE DOCUMENTATION**

**LYNCH STATION UNIT #2 PUMP
LINK REF: 2003-00211**

**UL-G&B (NE¼) OF SECTION 34 T20S R34E
~23.5 MILES NORTHWEST (286.4°) OF
EUNICE, LEA COUNTY, NEW MEXICO**

LATITUDE: N32° 32' 00.78"

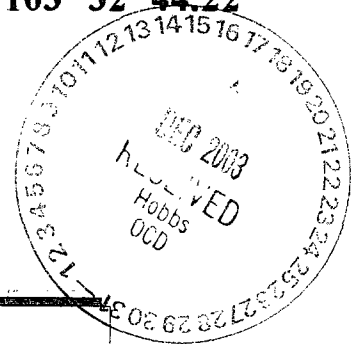
LONGITUDE: W103° 32' 44.22"

*facility - FPAC 0602633102
inspect - ePAC 0602633329
incident - NPAC 0602633360*

DECEMBER 2, 2003

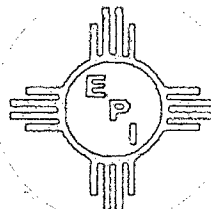
PREPARED BY: JCG

Claims - 34053



Environmental Plus, Inc.

2100 Avenue O
P.O. Box 1558
Eunice, NM 88231
Phone: (505)394-3481
FAX: (505)394-2601



application - pPAC 0602633474



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

December 9, 2003

Mr. Larry Johnson
Energy, Minerals, and Natural Resources Department
New Mexico Oil Conservation Division
1625 North French Dr.
Hobbs, New Mexico 88240

Subject: LINK Lynch Station Unit #2 Pump Final C-141 and Closure Documentation
LINK Site Reference: 2003-00211

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of Link Energy LLC (LINK), submits for your consideration and approval the Final C-141 and Closure Documentation for the "Lynch Station Unit #2 Pump" remediation site (LINK Reference: 2003-10211). This report documents the vertical and horizontal extents of hydrocarbon contamination at the site, removal of contaminated soils down to a maximum 16-ft bgs excavation level within the pooling area north of the main battery facility, disposal of ~3,330-yd³ of contaminated soils at the South Monument approved land farm, and backfill of the excavation with a combination of adequately blended contaminated material, clean caliche and clean topsoil. The remediation is consistent with the NMOCD approved "EOTT General Work Plan for Remediation of EOTT Pipeline Spills, Leaks and Releases in New Mexico, July 2000." Environmental Plus, Inc., on behalf of Link Energy LLC, therefore requests that the NMOCD consider the information provided within this documentation and require "no further action" at this site.

If there are any questions please call Mr. Ben Miller or myself at EPI's offices, or at 505-390-0288 or 505-390-9804 respectively. Mr. Frank Hernandez of Link Energy LLC can be contacted at 505-631-3095.

All official correspondence should be addressed to:

Mr. Frank Hernandez
Link Energy LLC
P.O. Box 1660
Midland, Texas 79703

Sincerely,

John Good
EPI Environmental Consultant

cc: Frank Hernandez, Link Energy LLC (w/enclosure)
William Von Drehle, Link Energy LLC
Jeffrey P. Dann, Link Energy LLC (w/enclosure)
Sherry Miller, EPI President
Ben Miller, EPI Vice President and General Manager
Pat McCasland, EPI Technical Manager
File

ENVIRONMENTAL PLUS, INC.

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Project Summary

Site Specific:

- ◆ **Company Name:** Link Energy, LLC
- ◆ **Facility Name:** Lynch Station Unit #2 Pump
- ◆ **Project Reference** 2003-00211
- ◆ **Company Contact:** Frank Hernandez
- ◆ **Site Location:** WGS84: N32° 32' 00.78"; W103° 32' 44.22"
- ◆ **Legal Description:** Unit Letters B & G*, (W½ of the NE¼), Section 34, T20S, R34E
- ◆ **General Description:** approximately 23.5-miles northwest (286.4°) of Eunice, NM
- ◆ **Elevation:** 3725-ft amsl **Depth to Ground Water:** 130-ft
- ◆ **Land Ownership:** Link Energy (15 acres); Berry Ranch (Danny Berry)
- ◆ **EPI Personnel:** Technical Manager – Pat McCasland
 Consultant – John Good
 Foreman – Morris Burkett

Release Specific:

- ◆ **Product Released:** Crude oil
- ◆ **Volume Released:** ~300 bbl **Volume Recovered:** 130 bbl
- ◆ **Time of Occurrence:** 7/30/03 **Time of Discovery:** 7/30/03 23:40
- ◆ **Release Source:** Unit #2 crude oil pump failure
- ◆ **Initial Surface Area Affected:** 35,450-ft²

Remediation Specific:

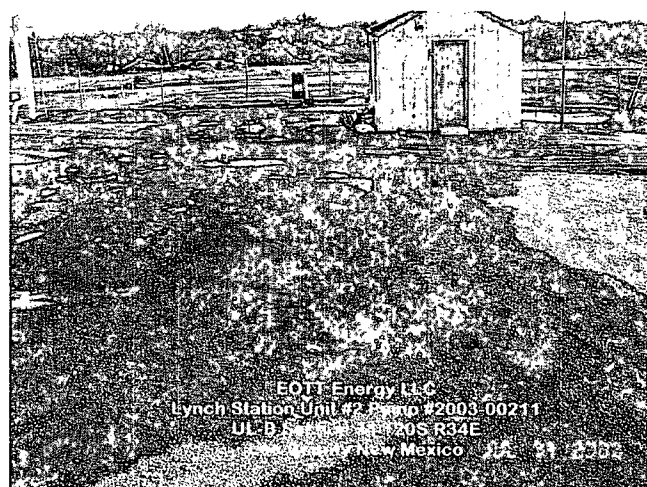
- ◆ **Final Vertical extent of contamination:** 16 bgs; Remaining depth to ground water: >100-ft
- ◆ **Water wells within 1000-ft:** 0 **Surface water bodies within 1000-ft:** 0
- ◆ **NMOCD Site Ranking Index:** 0 points (>100-ft to top of water table)
- ◆ **Remedial goals for Soil > 30-ft bgs:** TPH – 5000 ppm; BTEX – 50 ppm; Benzene – 10 ppm; Chlorides – 250 ppm
- ◆ **RCRA Waste Classification:** Non-Exempt
- ◆ **Remediation Option Selected:** a) Excavate and dispose of contaminated soil from 0'-10' bgs; b) Excavate and blend contaminated soil from 10'-16' bgs; c) analytical confirmation of bottom-hole and sidewall contaminant levels; c) backfill with blended soil and then clean topsoil for adequate root zone.
- ◆ **Disposal Facility:** South Monument SWF **Volume disposed of:** 3307-yd³
- ◆ **Project Completion Date:** October 8, 2003
- ◆ **Additional Commentary:** * POR is in UL-G of Section 34, flowed north onto UL-B



1.0 Introduction & Background

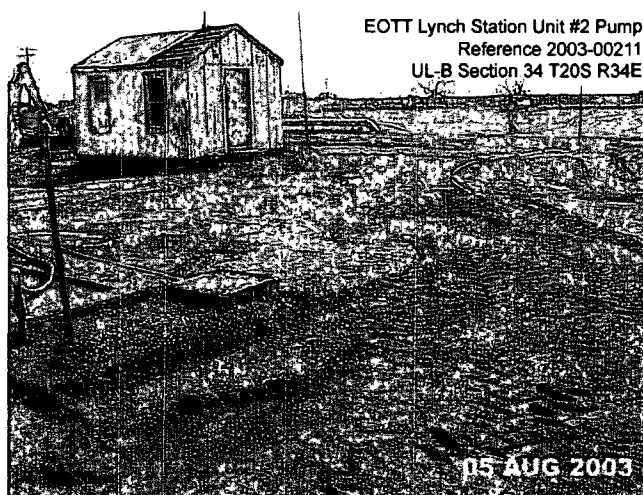
This report addresses the site investigation and remediation of the Link Energy (LINK) “Lynch Station Unit #2 Pump 2003-00211” crude oil pipeline remediation site. On July 31, 2003, Environmental Plus, Inc. (EPI) was notified by LINK regarding a newly discovered crude oil release at the Lynch Station tank battery facility. The initial C-141 Form submitted to the New Mexico Oil Conservation Division (NMOCD) on July 31, 2003 reports the release volume as ~300-bbl with 130-bbl recovered. EPI responded the day of the notification and commenced GPS delineation, photography, flow path containment and characterization of the site. The site consisted of a ~35,135-ft² area with oil saturated soil (*Plate 3, Attachments*). Remediation of this release site consisted of the excavation and disposal of 3,307-yd³ (1-ft to 10-ft depth) of contaminated soil from the flow path extents. The contaminated soil was disposed of at the South Monument NMOCD approved surface waste facility. The northern extent of the flow path was excavated from the 10-ft bgs level to the 12-ft bgs level, and to 16-ft bgs in one area. This contaminated soil was blended on-site with clean backfill material to below remedial goals, and utilized as backfill. The project was completed on October 8, 2003.

The release site is located in Unit Letters G and B, (SW¼ and NW¼ of the NE¼), Section 34, T20S, R34E, N32° 32' 00.78" and W103° 32' 44.22". The site is located approximately 23.5-miles northwest (286.4°) of the intersection of Eunice, NM. The affected property in UL-G is owned by



the Berry Ranch (Danny Berry) and the affected property in UL-B is owned by Link Energy LLC. A site location map, site topographical map and a detailed GPS site diagrams are included in the Attachments as *Plates 1, 2, 3, and 4*.

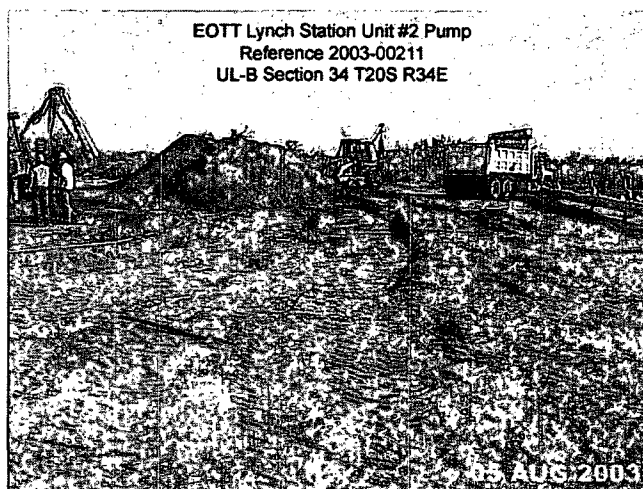
The crude oil release at this site was discovered late on July 30, 2003 and reported to NMOCD the following morning of July 31, 2003. The Initial NMOCD C-141 Form was submitted on July 31, 2003. The leak was the result of a failure of the Unit #2 pump. The pump was repaired by LINK personnel.



2.0 Site Description

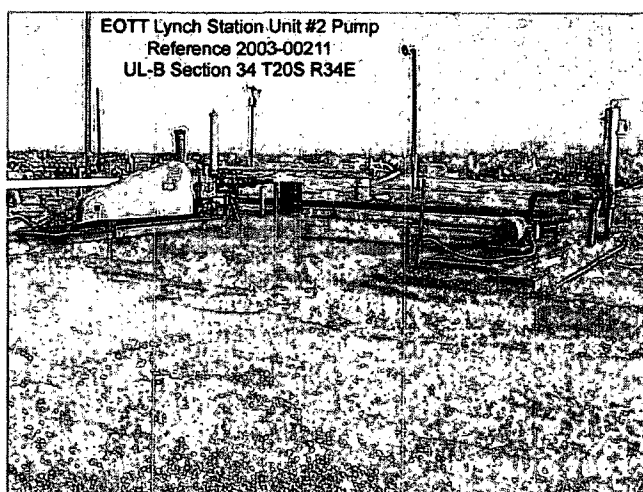
2.1 Geological Description

The release site is located 23.5 miles northwest of Eunice, NM, in a transition zone between the Grama Ridge Area and the Querecho Plains physiographic areas of Lea County. *The United States Geological Survey Ground-Water Report 6, "Geology and Ground-Water Conditions in Southern Lea County, New Mexico," A. Nicholson and A. Clebsch, 1961*, describes this area of the Grama Ridge as an area where dune sand overlaps from the Querecho Plains – Laguna Valley areas. The surface of this area of Lea County slopes generally to the west. Ground water is typically located at less than 150-feet bgs in this area, and is of a quality and quantity suitable for domestic or stock use.



2.2 Ecological Description

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of hummocky sand hills covered with Harvard Shin Oak (*Quercus harvardi*) interspersed with Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses, flowering annuals and flowering perennials. Mammals represented, include Orrd's and Merriam's Kangaroo Rat, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, Amphibians, and Birds are numerous and



typical of the area. A survey of Listed, Threatened, or Endangered species was not conducted.

2.3 Area Ground Water

The unconfined ground water aquifer at this site is conservatively estimated to be 130-ft bgs based upon the depths of two windmills within 1-mile of the release location. Ground water gradient in this area is generally to the southwest.

2.4 Area Water Wells

There are no water wells within 1000-feet of the release site.

2.5 Area Surface Water Features

No surface water bodies exist within 1000 horizontal feet of the site.

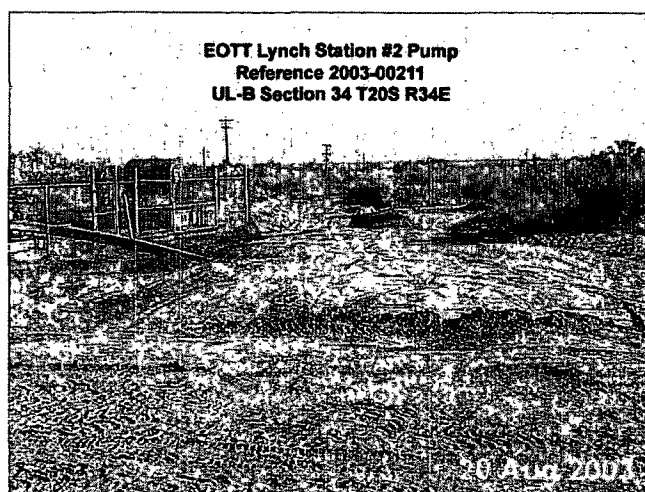
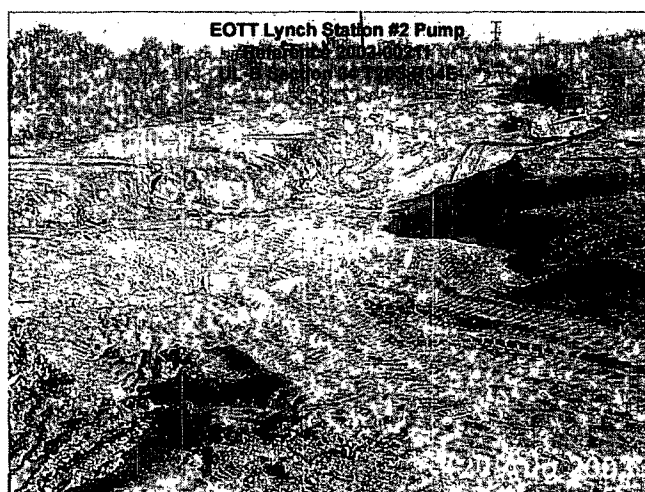
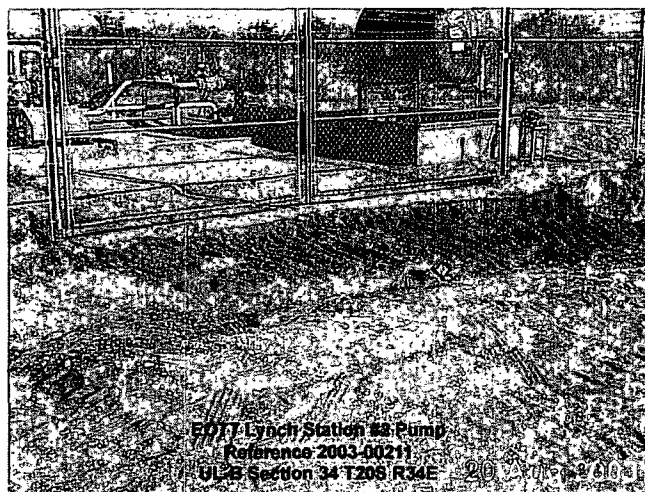
3.0 NMOCD Site Ranking

Contaminant delineation and remedial work done at this site indicate that the chemical parameters of the soil and the physical parameters of the ground water were characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the following New Mexico Oil Conservation Division (NMOCD) publications:

- ♦ Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)
- ♦ Unlined Surface Impoundment Closure Guidelines (February 1993)

Acceptable thresholds for contaminants/constituents of concern (CoCs), i.e., TPH^{8015m}, Benzene, and the mass sum of Benzene, Toluene, Ethyl Benzene, and total Xylenes (BTEX), was determined based on the NMOCD Ranking Criteria as follows:

- ♦ *Depth to Ground water, i.e., distance from the lower most acceptable concentration to the ground water.*
- ♦ *Wellhead Protection Area, i.e., distance from fresh water supply wells.*



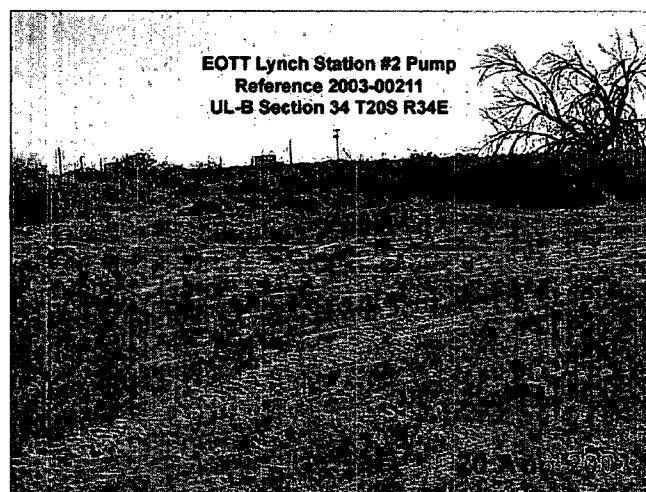
- ◆ *Distance to Surface Water Body, i.e., horizontal distance to all down gradient surface water bodies.*

Based on the proximity of the site to protectable area water wells, surface water bodies, and depth to ground water from the lower most contamination, the NMOCD ranking score for the site is 0 points with the soil remedial goals highlighted in the Site Ranking table presented below.

1. Ground Water	2. Wellhead Protection Area	3. Distance to Surface Water	
Depth to GW <50 feet: 20 points	If <1000' from water source, or; <200' from private domestic water source: 20 points	<200 horizontal feet: 20 points	
Depth to GW 50 to 99 feet: 10 points		200-1000 horizontal feet: 10 points	
Depth to GW >100 feet: 0 points	If >1000' from water source, or; >200' from private domestic water source: 0 points	>1000 horizontal feet: 0 points	
Ground Water Score = 0	Wellhead Protection Score= 0	Surface Water Score= 0	
Site Rank (1+2+3) = 0 + 0 + 0 = 0 points (for soil 0-200' bgs)			
Total Site Ranking Score and Acceptable Remedial Goal Concentrations			
Parameter	20 or >	10	0
Benzene ¹	10 ppm	10 ppm	10 ppm
BTEX ¹	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm

4.0 Subsurface Soil Investigation

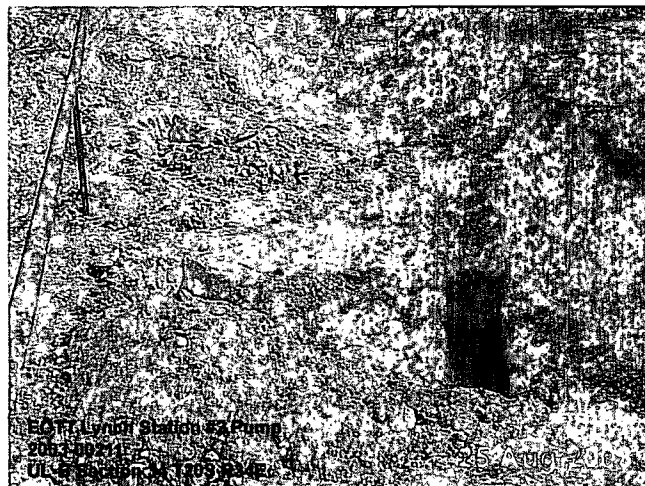
The deepest excavation of the project was at the northern extent of the flow path (*Plates 3, 4, 5, Attachments*). This area was initially excavated to a fairly uniform depth of 10-ft bgs. VOC measurements at this depth were very low, so composite bottom hole samples were taken in the east, west and southern portions of the excavation on August 19, 2003. Composite sidewall samples were also taken at this time. Analytical results of this sampling (*Plate 6, Attachments*) indicated that the 10-ft excavation bottom and the south sidewall of the excavation were still contaminated above the 5000-ppm remedial goal for TPH. Ten areas of the excavation bottom (*Plate 5, Attachments*) were selected for sampling at the 12-ft bgs level. These areas were excavated to that level and sampled on August 25, 2003. Analytical results of the 12-ft sampling indicated that the remedial goals could be achieved at this level except at one area on the



south end of the excavation. This one area was eventually excavated to a depth of 16-ft. A TPH concentration of 474-ppm was achieved at this depth.

5.0 Ground Water Investigation

The depth to ground water at this site is estimated to be ~130-ft bgs, based on the known water depths of two windmills within 1 mile of the Lynch Station. The water depth information was provided by the landowner. Excavation at this site was to a maximum depth of 16-ft. Final Constituents of Concern (CoC) levels of the excavation (bottom and sidewalls) were confirmed to be below the remedial goals for Benzene (non-detectable) and the combined BTEX components (non-detectable to 6.28 mg/kg). The final TPH concentrations of the excavation ranged from non-detectable to 3,267 mg/kg. A composite sample of the blended backfill material was analyzed and had a TPH concentration of 492 mg/kg, non-detectable benzene and a combined BTEX concentration of 0.37 mg/kg. Chlorides and sulfates were analyzed at the 10-ft level and were both below 10 mg/kg.



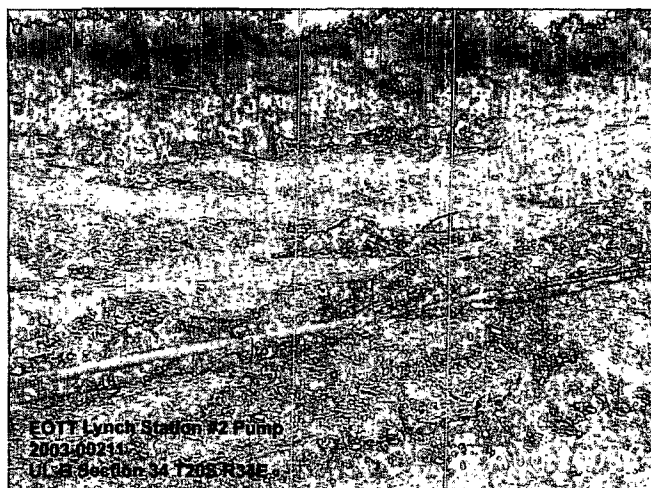
The lower excavation was backfilled with the blended material and the remainder of the excavation was backfilled with clean topsoil. Based on the adequate removal of CoC's and depth to ground water >100-ft, further ground water investigation at this site is not recommended at this time.

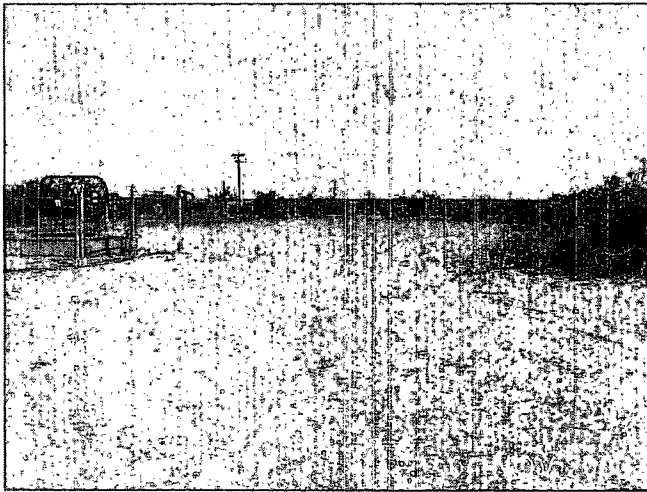
6.0 Remediation Process

Remediation of the site commenced on July 31, 2003 and continued through October 8, 2003. The crude oil originating from the Unit #2 pump failure initially flowed north until it encountered the recessed access road where it flowed eastward until finally turning north again to pool north of the fenced pumping compound (*Plates 3, 4, 5, Attachments*). Due to the numerous buried pipelines and electrical conduits in the vicinity of the pump units and the access road, only the contaminated soil that could be safely excavated was removed and disposed of. Excavation depth in these active areas of the facility ranged from 6-in to 2-ft. Clean caliche was used to replace the removed

contaminated soil in these working and driving surface areas. A composite sample of the 2-ft bottom of the east-west flow path resulted in a TPH concentration >11,000 mg/kg. Although this concentration is above the remedial goal for this site, safety concerns preclude additional excavation in these areas until such time that the Lynch Station facility (or appropriate portions of it) are deactivated.

The northern pooling area was excavated initially to 10-ft bgs, resulting in 3,307-yd³ of contaminated soil being disposed of at the South Monument surface waste facility. Based





on the analytical results of composite samples taken from this 10-ft bottom, it was determined that remedial goals had not been achieved at that excavation depth (*Plate 5, Attachments*). The excavation depth was extended to 12-ft bgs (16-ft bgs in one small area) and the south sidewall was extended 4-ft. This contaminated soil was blended on-site with clean caliche to achieve a composite TPH concentration of 492-ppm. The blended material was returned to the excavation as backfill and then covered with clean caliche and topsoil.

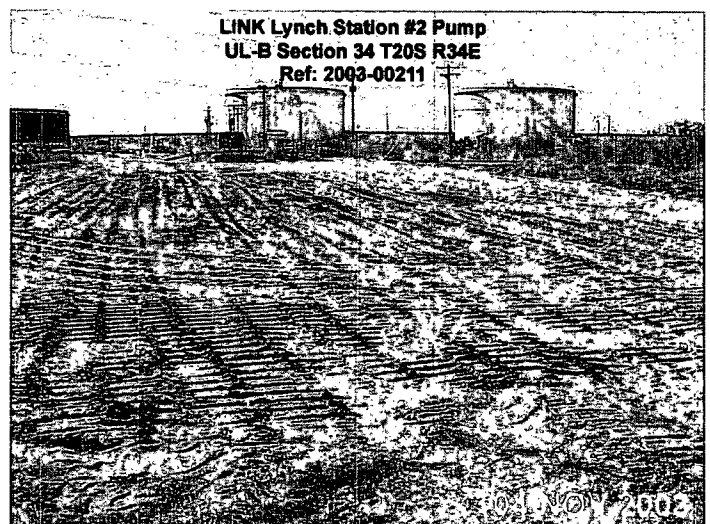
The combined analytical results of the bottom and sidewall sampling performed during this project (*Plates 6-7 and Pages 19-42; Attachments*) confirm that the contamination levels of the vertical and lateral extents of the excavation are below remedial goals. With the exception of those areas of the facility where deeper excavation could not be performed safely, remedial goals for TPH, BTEX and Benzene have been achieved for this release site.

7.0 Closure Justification

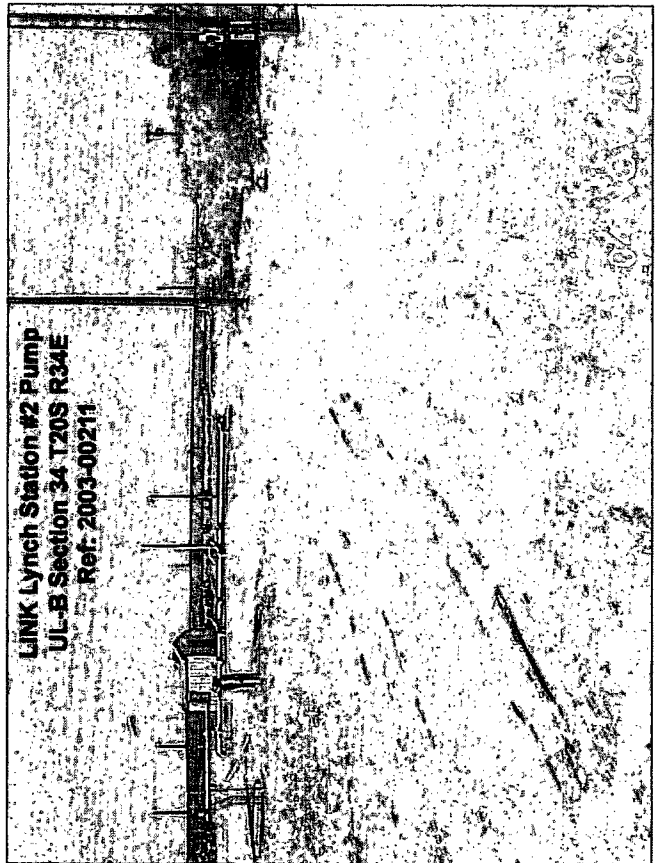
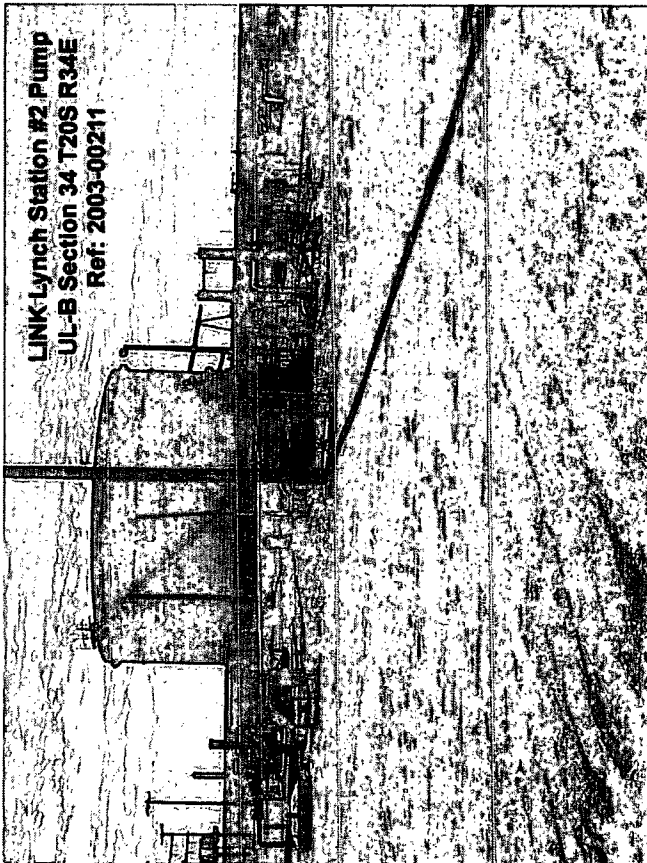
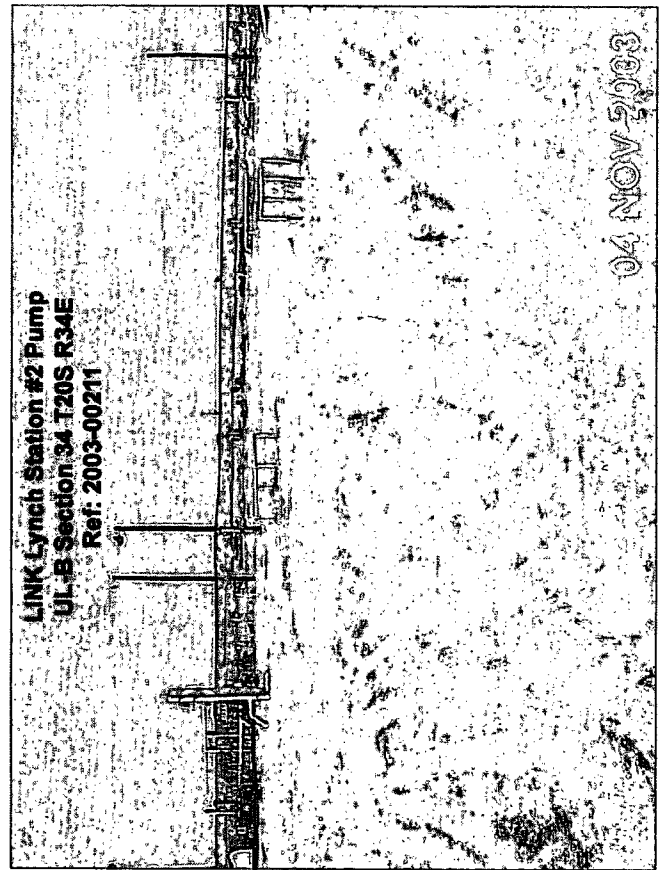
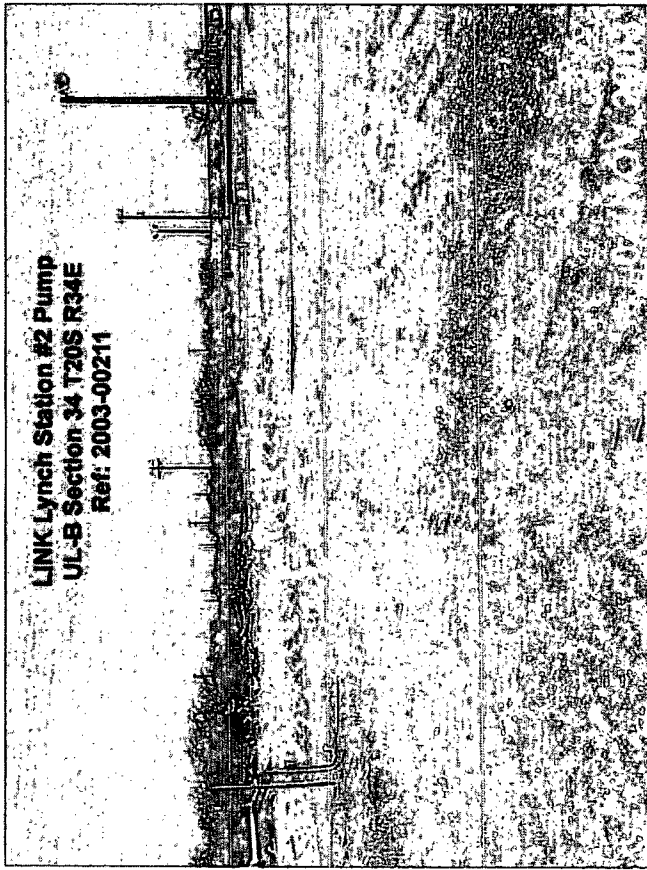
This report documents successful implementation of the Remediation Plan approved by NMOCD for this release site. 3,307-yd³ of soil contaminated above acceptable CoC remedial concentrations was excavated and removed from the location. Disposal of the RCRA non-exempt contaminated soil was at the NMOCD approved South Monument surface waste facility. Additionally, ~700-yd³ of contaminated soil was blended on-site with clean material to achieve CoC concentration levels well below remedial goals. The excavation was backfilled with the blended soil, clean caliche and clean topsoil. The site was properly contoured to provide adequate drainage. The release affected area(s) of this project that are underlain with active pipelines and/or electrical conduits were excavated as deeply as possible without endangering personnel or property. Link Energy recognizes the contamination level of the soil left in place in these areas remains above NMOCD remedial goals. Based on the remediation activities and data presented in this report, Environmental Plus, Inc., on behalf of Link Energy, requests that the NMOCD require "no further action" at this site.



LINK Lynch Station #2 Pump
UL-B Section 34 T20S R34E
Ref: 2003-00211

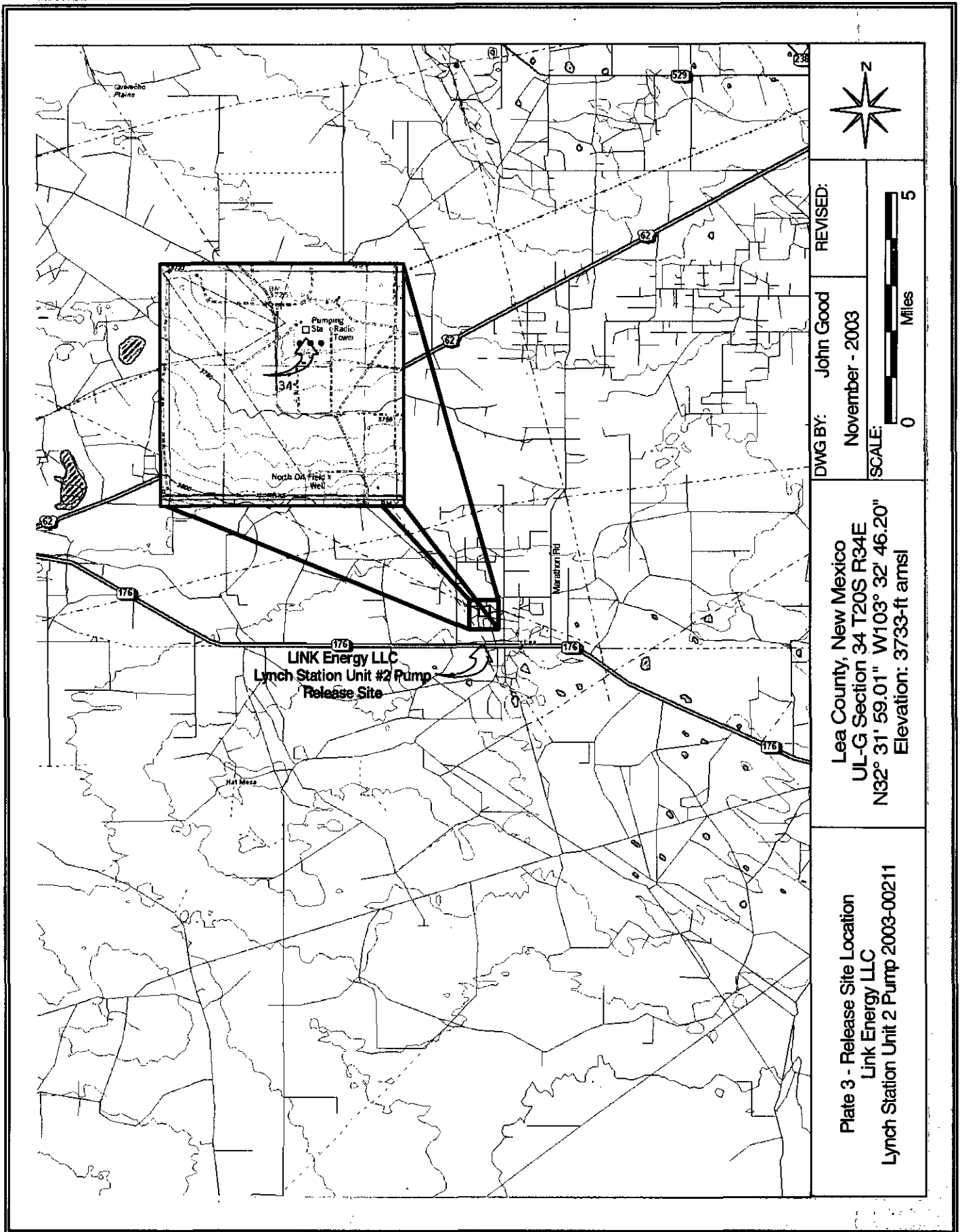


LINK Lynch Station #2 Pump
UL-B Section 34 T20S R34E
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ATTACHMENTS

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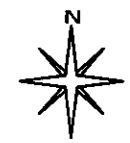
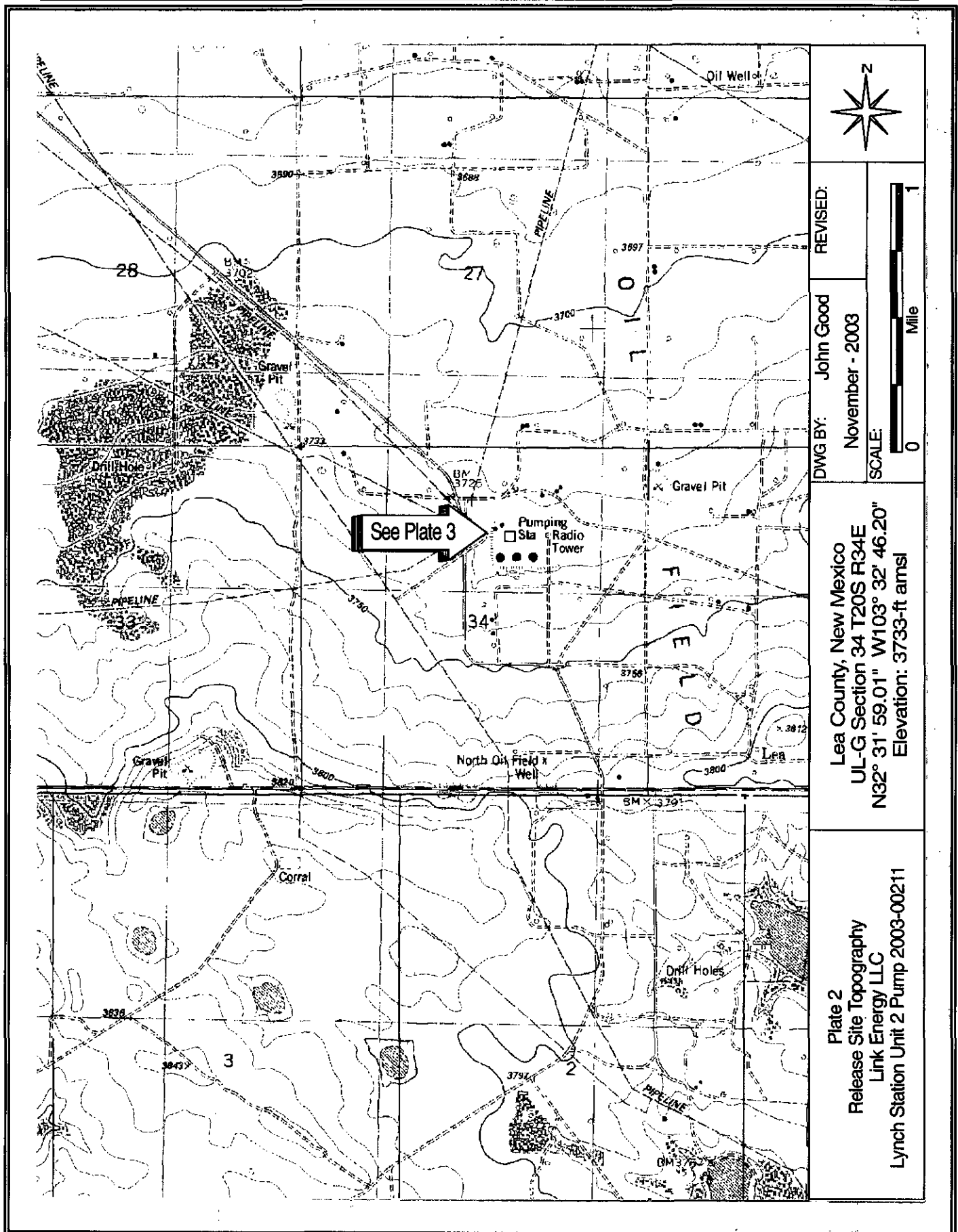


DWG BY: John Good
November - 2003
REVIS: 0

SCALE: 0 5 Miles

Lea County, New Mexico
UL-G Section 34 T20S R34E
N32° 31' 59.01" W103° 32' 46.20"
Elevation: 3733-ft amsl

Plate 3 - Release Site Location
Link Energy LLC
Lynch Station Unit 2 Pump 2003-00211



REVISED:

DWG BY: John Good

November - 2003

SCALE:



Lea County, New Mexico
UL-G Section 34 T20S R34E
N32° 31' 59.01" W103° 32' 46.20"
Elevation: 3733-ft amsl

Plate 2
Release Site Topography
Link Energy LLC
Lynch Station Unit 2 Pump 2003-00211

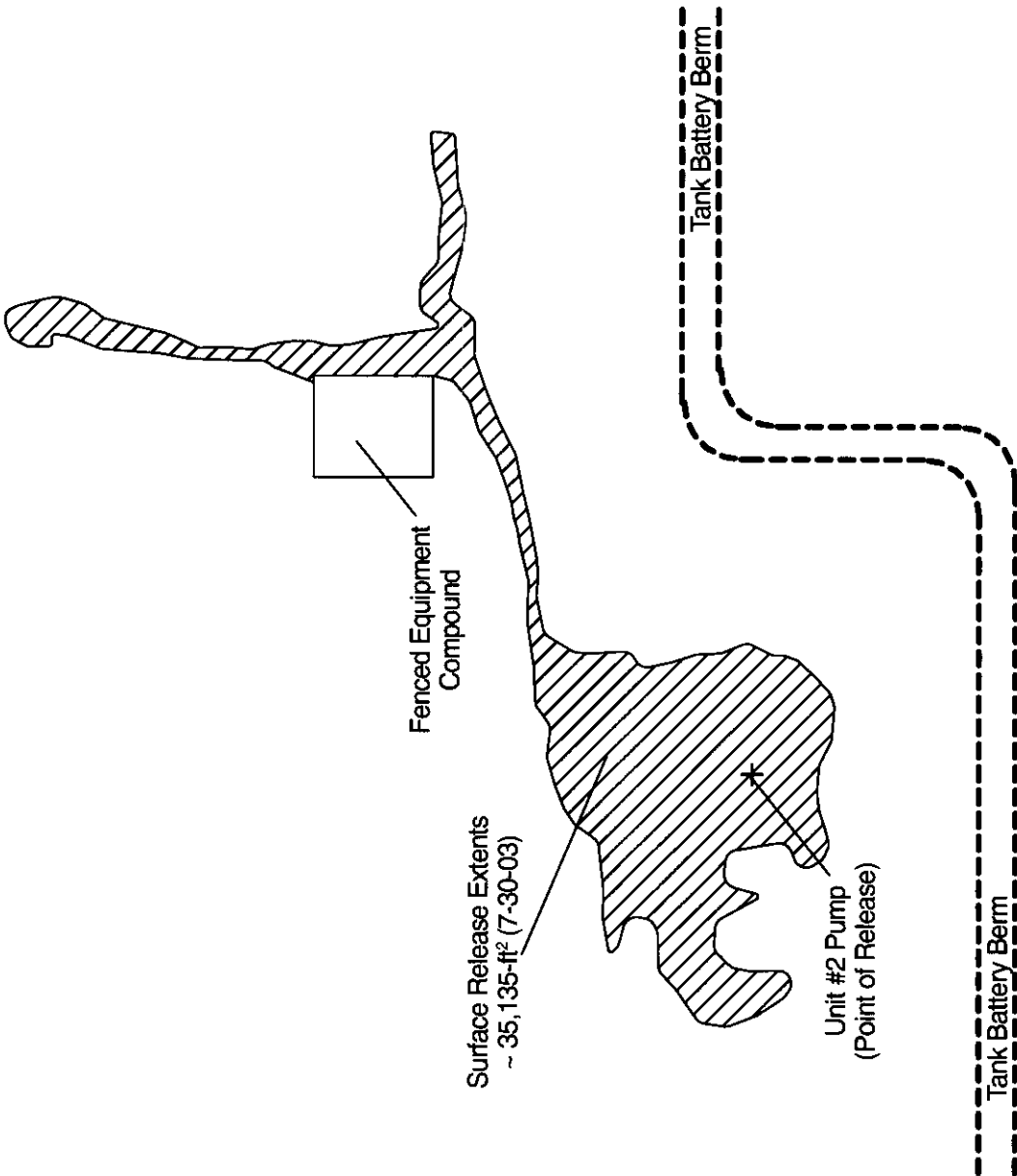


Plate 3 - Initial GPS Demarcation Link Energy LLC Lynch Station #2 Pump 2003-00211	Lea County, New Mexico UL-G Section 34 T20S R34E N32° 31' 59.01" W103° 32' 46.20" Elevation: 3733-ft amsl		DWG BY: John Good November - 2003	REVISD: SCALE: 0 200 Feet

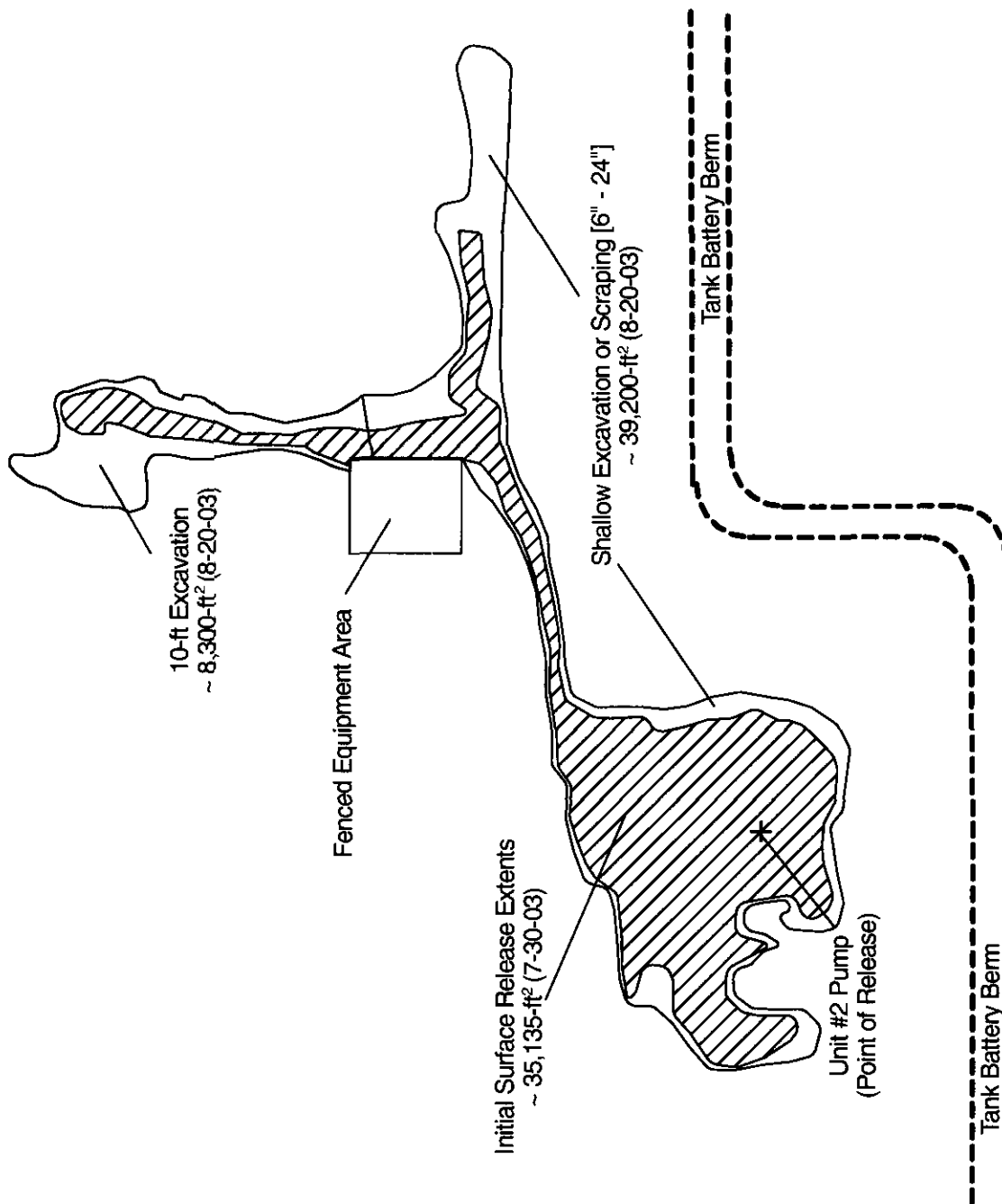


Plate 4 - August 20, '03 GPS Demarcation Link Energy LLC Lynch Station #2 Pump 2003-00211	Lea County, New Mexico UL-G Section 34 T20S R34E N32° 31' 59.01" W103° 32' 46.20" Elevation: 3733-ft amsl	DWG BY: John Good November - 2003	REVISED:	SCALE: 0 200 Feet
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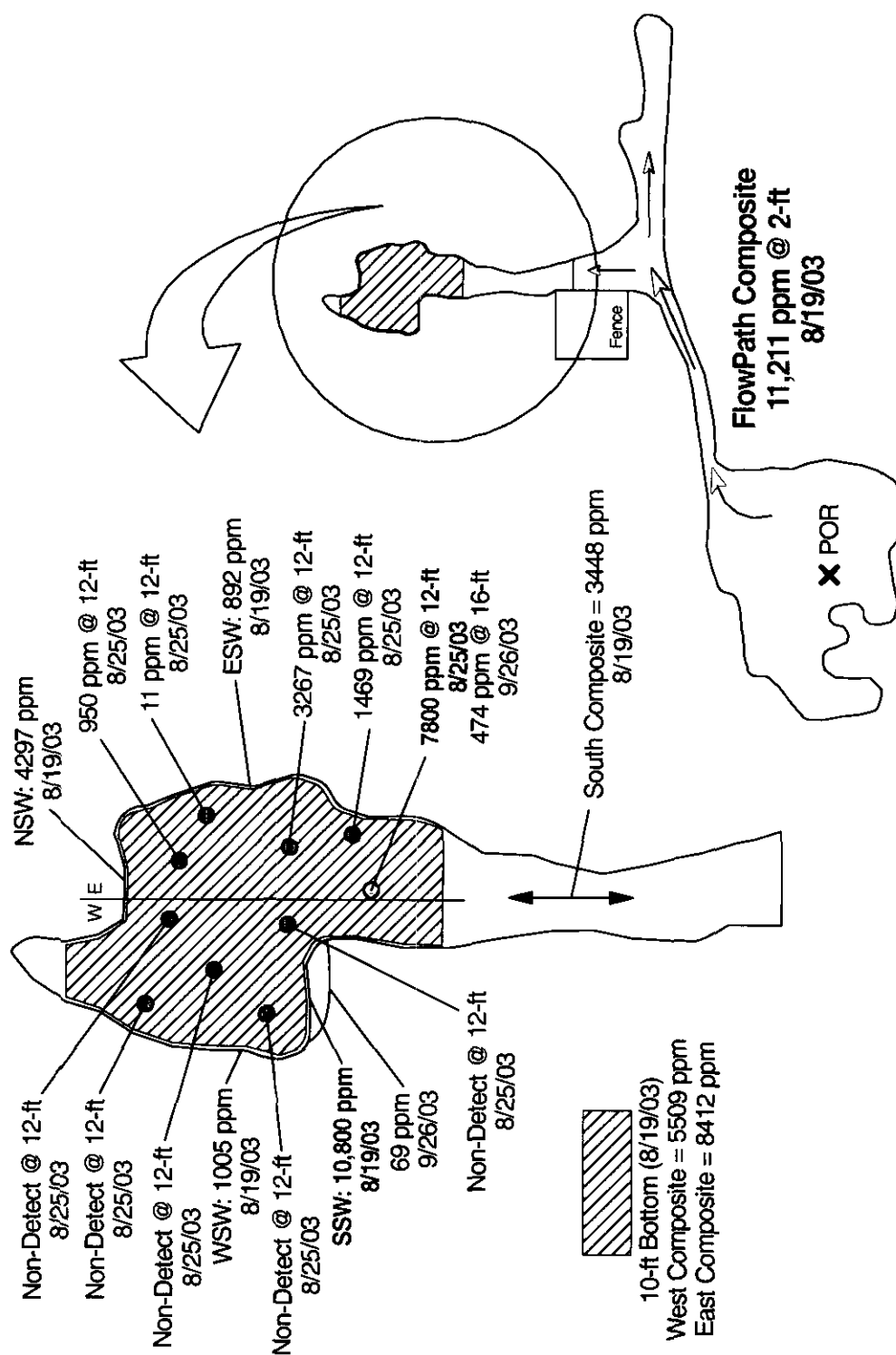


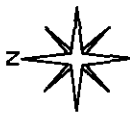
Plate 5 - Soil Analyses - TPH 8/19, 8/25, 9/26 Sampling Results LINK Energy LLC Lynch Station #2 Pump - 2003-00211	Lea County, New Mexico UL-G Section 34 T20S R34E N32° 31' 59.01" W103° 32' 46.20" Elevation: 3733-ft amsl	DWG BY: John Good November - 2003 SCALE:	REVISED: Dec - 2003	
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Plate6: Soil Analytical Results Data Table

LINK Energy - Lynch Station #2 Pump 2003-00211 Excavation Sampling Results															
highlighted cells indicate values in excess of the NMOCD remedial action guideline thresholds: TPH: 5000 mg/Kg; BTEX: 50 mg/Kg; Benzene: 10 mg/Kg; Cl: 250 ppm; SO ⁴ : 600 ppm															
Sample Date	Excavation Sampling Area	Depth (ft - bgs ¹)	SAMPLE ID#	VOC ppm	GRO ² mg/Kg	DRO ³ mg/Kg	TPH ⁴ mg/Kg	BTEX ⁵ mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl Benzene mg/Kg	Total Xylenes mg/Kg	Cl ⁻ mg/Kg	SO ₄ mg/Kg	pH
19-Aug	West Bottom Hole	10-ft	SELS81903NWBHC-10		149	5360	5509	4.616	0.002	0.584	1.020	3.010			
19-Aug	East Bottom Hole	10-ft	SELS81903NEBHC-10		532	7880	8412	13.710	0.040	1.820	2.770	9.080	9.8	5.0	
19-Aug	South Bottom Hole	10-ft	SELS81903SBHC-10		28	3420	3448	0.162	0.020	0.020	0.020	0.102			
19-Aug	East Sidewall	5-10-ft	SELS81903ESWC		10	882	892	0.193	0.020	0.020	0.036	0.117			
19-Aug	South Sidewall	5-10-ft	SELS81903SSWC		253	10500	10753	6.299	0.020	0.499	1.380	4.400			
19-Aug	North Sidewall	5-10-ft	SELS81903NSWC		57	4240	4297	0.353	0.020	0.027	0.063	0.242			
19-Aug	West Sidewall	5-10-ft	SELS81903WSWC		9	996	1005	0.272	0.020	0.026	0.056	0.170			
19-Aug	Flow Path	2-ft	SELS81903FPC-2		111	11100	11211	2.766	0.020	0.267	0.626	1.853			
25-Aug	East-NW	12-ft	SELS82503ENW-12		19	931	950	0.915	0.020	0.051	0.179	0.665			
25-Aug	East-NE	12-ft	SELS82503ENE-12		5	6	11	0.100	0.020	0.020	0.020	0.040			
25-Aug	East-Center	12-ft	SELS82503EC-12		367	2900	3267	6.282	0.020	0.282	1.370	4.610			
25-Aug	East-SE	12-ft	SELS82503ESE-12		59	1410	1469	1.355	0.020	0.454	0.198	0.683			
25-Aug	East-SW	12-ft	SELS82503ESW-12		1540	6260	7800	72.079	0.479	12.700	16.300	42.600			
25-Aug	West-NW	12-ft	SELS82503WNW-12		5	5	10	0.100	0.020	0.020	0.020	0.040			
25-Aug	West-NE	12-ft	SELS82503WNE-12		5	5	10	0.100	0.020	0.020	0.020	0.040			
25-Aug	West-Center	12-ft	SELS82503WC-12		5	5	10	0.100	0.020	0.020	0.020	0.040			
25-Aug	West-SE	12-ft	SELS82503WSE-12		5	5	10	0.100	0.020	0.020	0.020	0.040			
25-Aug	West-SW	12-ft	SELS82503WSW-12		5	5	10	0.100	0.020	0.020	0.020	0.040			
26-Sep	East-SW	16-ft	SELS082503ESW-16		34	440	474	0.361	0.025	0.042	0.069	0.225			
26-Sep	South Sidewall	5-10-ft	SELS082603SSW		10	59	69	0.155	0.025	0.025	0.030	0.075			
26-Sep	Blended Stockpile		SELS81903-BLEND		48	444	492	0.367	0.025	0.039	0.071	0.232			

bgs = below ground surface

² GRO - Gasoline Range Organics (Detection Limit = 5 mg/Kg)

³ DRO - Diesel Range Organics (Detection Limit = 5 mg/Kg)

TPH - Total Petroleum Hydrocarbon (GRO+DRO)

5 BTEX = Sum of Benzene, Toluene, Ethyl Benzene (Detection Limits = 0.020 mg/Kg) and Total Xylenes (Detection Limit = 0.040mg/Kg)

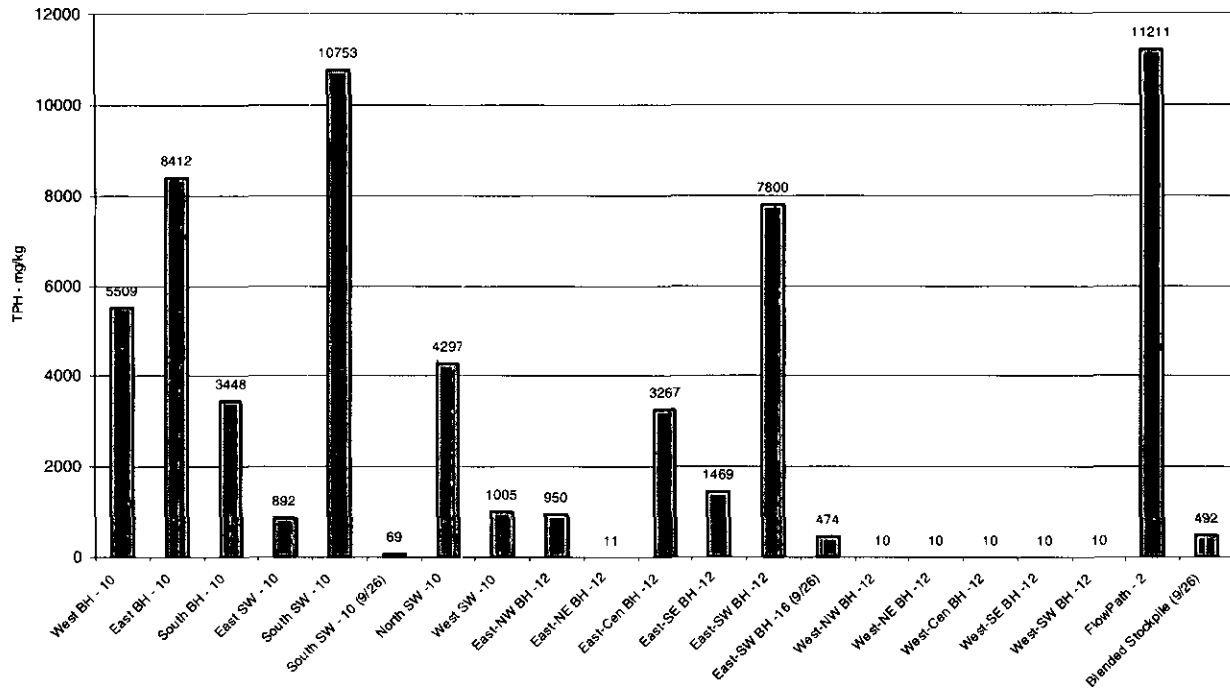
Note: Reported detection limits are considered "de minimus" values and are included in the TPH and BTEX summations.

¹ bgs = below ground surface ² GRO - Gasoline Range Organics (Detection Limit = 5 mg/Kg) ³ DRO - Diesel Range Organics (Detection Limit = 5 mg/Kg)⁴ TPH - Total Petroleum Hydrocarbon (GRO+DRO) ⁵ BTEX = Sum of Benzene, Toluene, Ethyl Benzene (Detection Limits = 0.020 mg/Kg) and Total Xylenes (Detection Limit = 0.040mg/Kg)

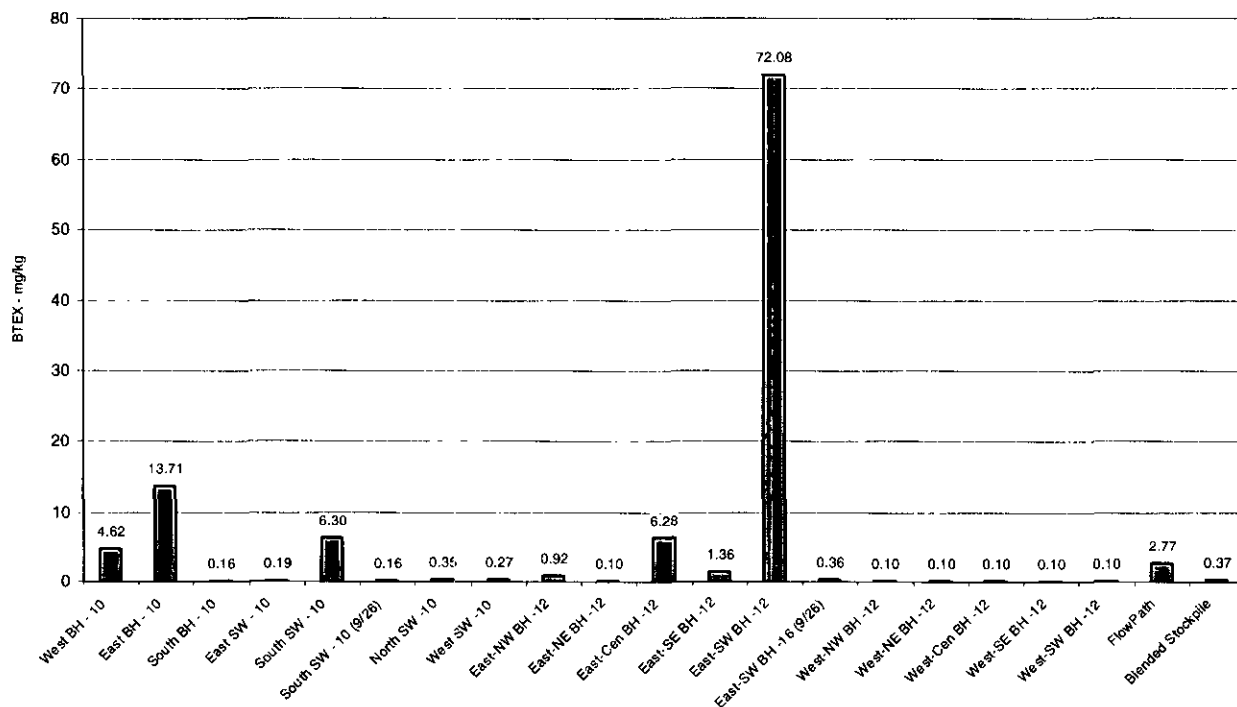
Note: Reported detection limits are considered "de minimus" values and are included in the TPH and BTEX summations.

Plate7: Soil Analytical Results Charts

Link Energy Lynch Station #2 Pump 2003-00211
 TPH Levels (Limit = 5000 ppm)
 BottomHole and Sidewall Samples
 8/19/03 (10-ft Samples); 8/25/03 (12-ft Samples); 9/26/03 (confirmation and backfill)



Link Energy Lynch Station #2 Pump 2003-00211
 BTEX Levels (Limit = 50 ppm)
 BottomHole and Sidewall Samples
 8/19/03 (10-ft Samples); 8/25/03 (12-ft Samples); 9/26/03 (confirmation and backfill)



LABORATORY ANALYTICAL REPORTS

Chain of Custody Form

2209 N. Padre Island Dr., Corpus Christi, TX 78408

$$T = 4.30 e$$

EPI Form "Analysis Chain of Custody 081903.xls"



Client: Environmental Plus, Inc.

Attn: John Good

Address: P.O. Box 1558

Eunice,

NM 88231

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Report#/Lab ID#: 146377 Report Date: 08/22/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELS81903NWBHC-10

Sample Matrix: soil

Date Received: 08/21/2003 Time: 11:00

Date Sampled: 08/19/2003 Time: 09:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5360	mg/Kg	50	<50	08/22/03	8015 mod.	S.M	0	Mt.Inf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	149	mg/Kg	5	<5	08/22/03	8015 mod.	S.M	0.1	68.3	80.5	81.2
Volatiles organics-8260b/BTEX	---	---	---	---	08/22/03	8260b	---	---	---	---	---
Benzene	23	µg/Kg	20	<20	08/22/03	8260b	---	5.5	89.3	107.9	101.6
Ethylbenzene	1020	µg/Kg	20	<20	08/22/03	8260b	---	5.1	119.8	116.4	115.6
m,p-Xylenes	1980	µg/Kg	20	<20	08/22/03	8260b	---	4.4	114.3	112.2	112.1
o-Xylene	1030	µg/Kg	20	<20	08/22/03	8260b	---	4.8	110.9	116.1	112.2
Toluene	584	µg/Kg	20	<20	08/22/03	8260b	---	3.1	106.2	117.7	126.1

QUALITY ASSURANCE DATA¹

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

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Respectfully Submitted,

Richard Laster



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Phone: 505 394-3481

FAX: 505 394-2601

Report#/Lab ID#: 146378

Report Date: 08/22/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SEL81903NEBHC-10

Sample Matrix: soil

Date Received: 08/21/2003

Time: 11:00

Date Sampled: 08/19/2003

Time: 09:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	7880	mg/Kg	50	<50	08/22/03	8015 mod.	S,M	0	Mt.Intf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	532	mg/Kg	50	<50	08/22/03	8015 mod.	S,M	0.1	68.3	80.5	81.2
Chloride	9.82	mg/Kg	2.5	<2.5	08/25/03	325.2&9251	---	5.41	108.06	105.44	99.69
Sulfate	<5	mg/Kg	5	<5	08/25/03	375.4&9038	---	2.43	97.4	94.52	116.05
Volatile organics-8260b/BTEX	---	---	---	---	08/22/03	8260b	---	---	---	---	---
Benzene	39.7	µg/Kg	20	<20	08/22/03	8260b	---	5.5	89.3	107.9	101.6
Ethylbenzene	2770	µg/Kg	20	<20	08/22/03	8260b	---	5.1	119.8	116.4	115.6
m,p-Xylenes	5910	µg/Kg	20	<20	08/22/03	8260b	---	4.4	114.3	112.2	112.1
o-Xylene	3170	µg/Kg	20	<20	08/22/03	8260b	---	4.8	110.9	116.1	112.2
Toluene	1820	µg/Kg	20	<20	08/22/03	8260b	---	3.1	106.2	117.7	126.1

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Report#/Lab ID#: 146379 **Report Date:** 08/22/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELS81903SBHC-10
Sample Matrix: soil
Date Received: 08/21/2003 **Time:** 11:00
Date Sampled: 08/19/2003 **Time:** 09:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3420	mg/Kg	50	<50	08/22/03	8015 mod.	S,M	0	Mt.Intf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	28.3	mg/Kg	5	<5	08/22/03	8015 mod.	S,M	0.1	68.3	80.5	81.2
Volatiles organics-8260b/BTEX	---	---	---	---	08/22/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/22/03	8260b	---	5.5	89.3	107.9	101.6
Ethylbenzene	<20	µg/Kg	20	<20	08/22/03	8260b	J	5.1	119.8	116.4	115.6
m,p-Xylenes	52.8	µg/Kg	20	<20	08/22/03	8260b	---	4.4	114.3	112.2	112.1
o-Xylene	48.8	µg/Kg	20	<20	08/22/03	8260b	---	4.8	110.9	116.1	112.2
Toluene	<20	µg/Kg	20	<20	08/22/03	8260b	J	3.1	106.2	117.7	126.1

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Richard Laster

Richard Laster

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Report#/Lab ID#: 146380 Report Date: 08/27/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELS81903ESWC
Sample Matrix: soil
Date Received: 08/21/2003 Time: 11:00
Date Sampled: 08/19/2003 Time: 09:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	882	mg/Kg	5	<5	08/22/03	8015 mod.	S,M	0	Mt.Inf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	10.4	mg/Kg	5	<5	08/22/03	8015 mod.	S,M	0.1	68.3	80.5	81.2
Volatile organics-8260b/BTEX	---	---	---	---	08/27/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/27/03	8260b	---	19.7	76.1	93.4	91.7
Ethylbenzene	36	µg/Kg	20	<20	08/27/03	8260b	---	0	113.3	117.3	112
m,p-Xylenes	76.1	µg/Kg	20	<20	08/27/03	8260b	---	0.6	110	112.4	109.2
o-Xylene	40.5	µg/Kg	20	<20	08/27/03	8260b	---	1.5	111.2	114.4	111.8
Toluene	<20	µg/Kg	20	<20	08/27/03	8260b	J	19.3	77.7	95.9	92.8

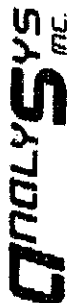
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Report#/Lab ID#: 146381 Report Date: 08/27/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELS81903SSWC
Sample Matrix: soil

Date Received: 08/21/2003 Time: 11:00
Date Sampled: 08/19/2003 Time: 09:20

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
TPH by GC (as diesel)	10500	mg/Kg	100	<100	08/22/03	8015 mod.	S.M	0	Mt.Intf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	253	mg/Kg	5	<5	08/22/03	8015 mod.	S.M	0.1	68.3	80.5	81.2
Volatile organics-8260b/BTEX	---	---	---	---	08/27/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/27/03	8260b	---	19.7	76.1	93.4	91.7
Ethylbenzene	1380	µg/Kg	20	<20	08/27/03	8260b	---	0	113.3	117.3	112
m,p-Xylenes	2880	µg/Kg	20	<20	08/27/03	8260b	---	0.6	110	112.4	109.2
o-Xylene	1520	µg/Kg	20	<20	08/27/03	8260b	---	1.5	111.2	114.4	111.8
Toluene	499	µg/Kg	20	<20	08/27/03	8260b	---	19.3	77.7	95.9	92.8

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Richard Laster

Richard Laster

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Report#/Lab ID#: 146382 Report Date: 08/27/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELS81903NSWC

Sample Matrix: soil

Date Received: 08/21/2003 Time: 11:00

Date Sampled: 08/19/2003 Time: 09:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4240	mg/Kg	50	<50	08/22/03	8015 mod.	S.M	0	Mt.Inf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	56.5	mg/Kg	5	<5	08/22/03	8015 mod.	S.M	0.1	68.3	80.5	81.2
Volatiles organics-8260b/BTEX	---	---	---	---	08/27/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/27/03	8260b	---	19.7	76.1	93.4	91.7
Ethylbenzene	63.3	µg/Kg	20	<20	08/27/03	8260b	---	0	113.3	117.3	112
m,p-Xylenes	150	µg/Kg	20	<20	08/27/03	8260b	---	0.6	110	112.4	109.2
o-Xylene	92.2	µg/Kg	20	<20	08/27/03	8260b	---	1.5	111.2	114.4	111.8
Toluene	27.1	µg/Kg	20	<20	08/27/03	8260b	---	19.3	77.7	95.9	92.8

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Report#/Lab ID#: 146383 Report Date: 08/27/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELS81903WSWC
Sample Matrix: soil
Date Received: 08/21/2003 Time: 11:00
Date Sampled: 08/19/2003 Time: 09:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	996	mg/Kg	10	<10	08/22/03	8015 mod.	S,M	0	Mt.Intf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	8.84	mg/Kg	5	<5	08/22/03	8015 mod.	S,M	0.1	.68.3	80.5	81.2
Volatile organics-8260b/BTEX	---	---	---	---	08/27/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/27/03	8260b	---	19.7	76.1	93.4	91.7
Ethylbenzene	56.1	µg/Kg	20	<20	08/27/03	8260b	---	0	113.3	117.3	112
m,p-Xylenes	115	µg/Kg	20	<20	08/27/03	8260b	---	0.6	110	112.4	109.2
o-Xylene	54.9	µg/Kg	20	<20	08/27/03	8260b	---	1.5	111.2	114.4	111.8
Toluene	25.8	µg/Kg	20	<20	08/27/03	8260b	---	19.3	77.7	95.9	92.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.

Attn: John Good

Address: P.O. Box 1558

Eunice,

NM 88231

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

Report#/Lab ID#: 146384 **Report Date:** 08/27/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELS81903FPC-2

Sample Matrix: soil

Date Received: 08/21/2003 **Time:** 11:00

Date Sampled: 08/19/2003 **Time:** 09:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	11100	mg/Kg	100	<100	08/22/03	8015 mod.	S,M	0	Mt.Intf.	86.3	91.9
TPH by GC (as diesel-ext)	---	---	---	---	08/21/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	111	mg/Kg	5	<5	08/22/03	8015 mod.	S,M	0.1	68.3	80.5	81.2
Volatle organics-8260b/BTEX	---	---	---	---	08/27/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/27/03	8260b	---	19.7	76.1	93.4	91.7
Ethylbenzene	626	µg/Kg	20	<20	08/27/03	8260b	---	0	113.3	117.3	112
m,p-Xylenes	1230	µg/Kg	20	<20	08/27/03	8260b	---	0.6	110	112.4	109.2
o-Xylene	623	µg/Kg	20	<20	08/27/03	8260b	---	1.5	111.2	114.4	111.8
Toluene	267	µg/Kg	20	<20	08/27/03	8260b	---	19.3	77.7	95.9	92.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Plus, Inc.
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Address: P.O. Box 1558
Eumice, NM 88231

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

Report#/Lab ID#: 146536 **Report Date:** 09/03/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELSD82503ENW-12

Sample Matrix: soil

Date Received: 08/26/2003 **Time:** 10:05

Date Sampled: 08/25/2003 **Time:** 09:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	931	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	19.2	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/28/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/28/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	179	µg/Kg	20	<20	08/28/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	432	µg/Kg	20	<20	08/28/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	233	µg/Kg	20	<20	08/28/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	51.2	µg/Kg	20	<20	08/28/03	8260b	---	5.3	85.6	89.1	94.4

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Client: Environmental Plus, Inc.

Attn: John Good

Address: P.O. Box 1558

Eunice, NM 88231

Phone: 505 394-3481 FAX: 505 394-2601

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Report#/Lab ID#: 146537 Report Date: 09/03/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELSD82503ENE-12

Sample Matrix: soil

Date Received: 08/26/2003 Time: 10:05

Date Sampled: 08/25/2003 Time: 09:05

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
TPH by GC (as diesel)	5.94	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/28/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/28/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	<20	µg/Kg	20	<20	08/28/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	<20	µg/Kg	20	<20	08/28/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	<20	µg/Kg	20	<20	08/28/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	<20	µg/Kg	20	<20	08/28/03	8260b	---	5.3	85.6	89.1	94.4

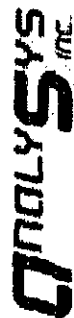
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Client: Environmental Plus, Inc.
Attn: John Good
Address: P.O. Box 1558
Eunice,

NM 88231

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

Report#/Lab ID#: 146538 **Report Date:** 09/03/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELSD82503EC-12
Sample Matrix: soil
Date Received: 08/26/2003 **Time:** 10:05
Date Sampled: 08/25/2003 **Time:** 09:10

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2900	mg/Kg	50	<50	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	367	mg/Kg	50	<50	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/28/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/28/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	1370	µg/Kg	20	<20	08/28/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	2950	µg/Kg	20	<20	08/28/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	1660	µg/Kg	20	<20	08/28/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	282	µg/Kg	20	<20	08/28/03	8260b	---	5.3	85.6	89.1	94.4

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Client: Environmental Plus, Inc.
Attn: John Good
Address: P.O. Box 1558
Eunice, NM 88231

Phone: 505 394-3481 FAX: 505 394-2601

Report#/Lab ID#: 146539 Report Date: 09/03/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELSD82503ESE-12
Sample Matrix: soil
Date Received: 08/26/2003 Time: 10:05
Date Sampled: 08/25/2003 Time: 09:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1410	mg/Kg	10	<10	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	59	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/28/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/28/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	198	µg/Kg	20	<20	08/28/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	442	µg/Kg	20	<20	08/28/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	241	µg/Kg	20	<20	08/28/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	45.4	µg/Kg	20	<20	08/28/03	8260b	---	5.3	85.6	89.1	94.4

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Address: P.O. Box 1558
 Eunice,

NM 88231

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

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

Report#/Lab ID#: 146540 **Report Date:** 09/03/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELSD82503ESW-12
Sample Matrix: soil
Date Received: 08/26/2003 **Time:** 10:05
Date Sampled: 08/25/2003 **Time:** 09:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6260	mg/Kg	50	<50	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1540	mg/Kg	50	<50	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/29/03	8260b	---	---	---	---	---
Benzene	479	µg/Kg	100	<100	08/29/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	16300	µg/Kg	100	<100	08/29/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	29000	µg/Kg	100	<100	08/29/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	13600	µg/Kg	100	<100	08/29/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	12700	µg/Kg	100	<100	08/29/03	8260b	---	5.3	85.6	89.1	94.4

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Attn: John Good

Address: P.O. Box 1558

Eunice,

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Report# / Lab ID#: 146541 Report Date: 09/03/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELSD82503WNNW-12

Sample Matrix: soil

Date Received: 08/26/2003 Time: 10:05

Date Sampled: 08/25/2003 Time: 09:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/29/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.3	85.6	89.1	94.4

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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 Plus, Inc.

Attn: John Good

Address: P.O. Box 1558

Eunice,

NM 88231

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

Report#/Lab ID#: 146542 **Report Date:** 09/03/03

Project ID: Lynch Station Unit #2 Pump 2003-00211

Sample Name: SELSD82503WNE-12

Sample Matrix: soil

Date Received: 08/26/2003 **Time:** 10:05

Date Sampled: 08/25/2003 **Time:** 09:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/29/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.3	85.6	89.1	94.4

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: John Good
Address: P.O. Box 1558
Eunice, NM 88231

Phone: 505 394-3481 FAX: 505 394-2601

Report#/Lab ID#: 146543 Report Date: 09/03/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELSD82503WC-12
Sample Matrix: soil
Date Received: 08/26/2003 Time: 10:05
Date Sampled: 08/25/2003 Time: 09:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/29/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.3	85.6	89.1	94.4

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: John Good
Address: P.O. Box 1558
Eunice, NM 88231

Phone: 505 394-3481 FAX: 505 394-2601

Report#/Lab ID#: 146544 Report Date: 09/03/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELSD82503WSE-12
Sample Matrix: soil
Date Received: 08/26/2003 Time: 10:05
Date Sampled: 08/25/2003 Time: 09:40

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
TPH by GC (as diesel)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatile organics-8260b/BTEX	---	---	---	---	08/29/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.3	85.6	89.1	94.4

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Client: Environmental Plus, Inc.
Attn: John Good
Address: P.O. Box 1558
Eunice, NM 88231

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

Report#/Lab ID#: 146545 **Report Date:** 09/03/03
Project ID: Lynch Station Unit #2 Pump 2003-00211
Sample Name: SELSD82503WSW-12
Sample Matrix: soil
Date Received: 08/26/2003 **Time:** 10:05
Date Sampled: 08/25/2003 **Time:** 09:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	6.1	101.3	100.8	94.7
TPH by GC (as diesel-ext)	---	---	---	---	09/02/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	09/02/03	8015 mod.	---	12.6	107.8	98	97.1
Volatiles organics-8260b/BTEX	---	---	---	---	08/29/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.4	81.5	87.6	87.2
Ethylbenzene	<20	µg/Kg	20	<20	08/29/03	8260b	---	3.3	109.5	114.1	107.9
m,p-Xylenes	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.1	106.9	111.9	106.6
o-Xylene	<20	µg/Kg	20	<20	08/29/03	8260b	---	0.8	106.6	114.5	106.4
Toluene	<20	µg/Kg	20	<20	08/29/03	8260b	---	5.3	85.6	89.1	94.4

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0307590
Project: 2003-00211
Project Name: Lynch Station #2 Pump
Location: UL-G Section 34 T20S R34E

Lab ID: 0307590-02
Sample ID: SELS092603SSW

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		9/29/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	58.8	10.0
TOTAL, C6-C35	58.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	88%	70	130

8021B/S030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0006995-02		9/30/03	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.030	0.025
p/m-Xylene	0.050	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	100%	80	120
Bromofluorobenzene	89%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0307590
Project: 2003-00211
Project Name: Lynch Station #2 Pump
Location: UL-G Section 34 T20S R34E

Lab ID: 0307590-02
Sample ID: SELS092603SSW

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		9/29/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	58.8	10.0
TOTAL, C6-C35	58.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	88%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0006995-02		9/30/03	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.030	0.025
p/m-Xylene	0.050	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	100%	80	120
Bromofluorobenzene	99%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0307590
Project: 2003-00211
Project Name: Lynch Station #2 Pump
Location: U/L-G Section 34 T20S R34E

Lab ID: 0307590-03
Sample ID: SELS092603-B1.END

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		9/29/03	1	1	JLH	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	48.4	10.0
DRO, >C12-C35	444	10.0
TOTAL, C6-C35	492	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	92%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0006995-02		9/30/03	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	0.039	0.025
Ethylbenzene	0.071	0.0265
p/m-Xylene	0.164	0.025
o-Xylene	0.068	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	96%	80	120

Approval: Raland K. Tuttle 10-02-03
 Raland K. Tuttle, Lab Director, QA Officer
 Celey D. Keene, Org. Tech. Director
 Jeanne McMurrey, Inorg. Tech. Director
 Sandra Biezugbe, Lab Tech.
 Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 3

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141

Revised March 17, 1999

Submit 2 Copies to appropriate

District Office in accordance

with Rule 116 on back

side of form

Release Notification and Corrective Action**OPERATOR**☐ Initial Report ☒ Final Report

Name of Company Link Energy LLC	Contact Frank Hernandez
Address P.O. Box 1660 Midland, TX 79702	Telephone No. (505) 631-3095
Facility Name Lynch Station Unit #2 Pump	Facility Type Tank Battery

Surface Owner Danny Berry; Link Energy	Mineral Owner NA	Lease No. NA
--	----------------------------	------------------------

LOCATION OF RELEASE

Unit Letter G:B	Section 34	Township 20S	Range 34E	Feet from South Line 3930	Feet from West Line 3200	Longitude W103° 32' 46.20"	Latitude N32° 31' 59.01"	County: Lea
---------------------------	----------------------	------------------------	---------------------	-------------------------------------	------------------------------------	--------------------------------------	------------------------------------	-----------------------

NATURE OF RELEASE

Type of Release Crude Oil Release and associated components	Volume of Release 300 bbl	Volume Recovered 160 bbl
Source of Release Crude Oil Pump (Unit 2)	Date and Hour of Occurrence 7/30/2003	Date and Hour of Discovery 7/30/03
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Johnny Robinson, NMOCD-Hobbs	
By Whom? Pat McCasland - EPI	Date and Hour 7/31/03 6:00 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Pump failure; pump was repaired		
Describe Area Affected and Cleanup Action Taken.* ~34,450-ft² surface area affected; 300-bbl of product released, 130 recovered; RCRA Non-Exempt Non-hazardous contaminated soil (beyond beyond active equipment areas) above remedial goals was excavated and disposed of by EPI, or blended to below remedial goals onsite.		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Frank Hernandez	Approved by District Supervisor:	
Title: District Environmental Supv.	Approval Date:	Expiration Date:
E-Mail: frank.hernandez@eott.com	Conditions of Approval: ☐ Attached	
Date: 10/26/03 Phone: (505) 631-3095		



Incident Date and NMOCD Notified?

7/30/03

7/31/03 6:00 AM

SITE: Lynch Station Unit #2 Pump		Assigned Site Reference 2003-00211	
Company: Link Energy LLC			
Street Address: 5805 East Highway 80			
Mailing Address: P.O. Box 1660			
City, State, Zip: Midland, TX 79702			
Representative: Frank Hernandez			
Representative Telephone: (505) 631-3095			
Telephone:			
Fluid volume released (bbls): 300		Recovered (bbls): 160	
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.			
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)			
Leak, Spill, or Pit (LSP) Name: 2003-00211			
Source of contamination: Crude Oil Pump (Unit 2)			
Land Owner, i.e., BLM, ST, Fee, Other: Danny Berry; Link Ene			
LSP Dimensions: see Attached documentation			
LSP Area: ~35,445 -ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N32° 31' 59.01"			
Longitude: W103° 32' 46.20"			
Elevation above mean sea level: 3733 -ft amsl			
Feet from South Section Line: 3930			
Feet from West Section Line: 3200			
Location - Unit and 1/4 1/4: UL- G:B SW 1/4 of NE 1/4			
Location - Section: 34			
Location - Township: 20S			
Location - Range: 34E			
Surface water body within 1000' radius of Site: 0			
Surface water body within 1000' radius of Site: 0			
Domestic water wells within 1000' radius of Site: 0			
Domestic water wells within 1000' radius of Site: 0			
Agricultural water wells within 1000' radius of Site: 0			
Agricultural water wells within 1000' radius of Site: 0			
Public water supply wells within 1000' radius of Site: 0			
Public water supply wells within 1000' radius of Site: 0			
Depth (ft) from land surface to ground water (DG): 130			
Depth (ft) of contamination (DC): 20			
Depth (ft) to ground water (DG - DC = DtGW): 110			
1. Ground Water		2. Wellhead Protection Area	
If Depth to GW <50 feet: 20 points		If <1000' from water source, or, <200' from private domestic water source: 20 points	
If Depth to GW 50 to 99 feet: 10 points		If >1000' from water source, or, >200' from private domestic water source: 0 points	
If Depth to GW >100 feet: 0 points			
Ground water Score: 0		Wellhead Protection Area Score: 0	
Site Rank (1+2+3) = 0		Surface Water Score: 0	
Total Site Ranking Score and Acceptable Concentrations			
Parameter	20 or >	10	0
Benzene ¹	10 ppm	10 ppm	10 ppm
BTEX ¹	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1000 ppm	5000 ppm

¹100 ppm field VOC headspace measurement may be substituted for lab analysis

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy Minerals and Natural Resources

Form C-141

Revised March 17, 1999

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

**Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505**

Submit 2 Copies to appropriate

District Office in accordance

with Rule 116 on back

side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Link Energy LLC	Contact Frank Hernandez
Address P.O. Box 1660 Midland, TX 79702	Telephone No. (505) 631-3095
Facility Name Lynch Station Unit #2 Pump	Facility Type Tank Battery

Surface Owner	Mineral Owner	Lease No.
Danny Berry; Link Energy	NA	NA

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from South Line	Feet from West Line	Longitude	Latitude	County:
G:B	34	20S	34E	3930	3200	W103° 32' 46.20"	N32° 31' 59.01"	Lea

NATURE OF RELEASE

Type of Release Crude Oil Release and associated components	Volume of Release 300 bbl	Volume Recovered 160 bbl
Source of Release Crude Oil Pump (Unit 2)	Date and Hour of Occurrence 7/30/2003	Date and Hour of Discovery 7/30/03
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Johnny Robinson, NMOCD-Hobbs	
By Whom? Pat McCasland - EPI	Date and Hour 7/31/03 6:00 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Pump failure; pump was repaired		
Describe Area Affected and Cleanup Action Taken.* ~34,450-ft² surface area affected; 300-bbl of product released, 130 recovered; RCRA Non-Exempt Non-hazardous contaminated soil (beyond beyond active equipment areas) above remedial goals was excavated and disposed of by EPI, or blended to below remedial goals onsite.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should the operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state or local laws and/or regulations.		

Signature: 		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Frank Hernandez		Approved by District Supervisor:	
Title: District Environmental Supv.	Approval Date:	Expiration Date:	
E-Mail: frank.hernandez@cott.com	Conditions of Approval:		
Date: 10/26/03	Phone: (505) 631-3095	☐ Attached	

Attach Additional Sheets If Necessary