

CLOSURE PROPOSAL

LYNCH DISCHARGE LINE

**1RP # 885
COMPANY No. 36785
EPI REF: 130016**

UL-H (SE¼ OF THE NE¼) OF SECTION 15 T19S R34E

~16.6 MILES WEST-NORTHWEST OF MONUMENT

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 39' 49.9"

LONGITUDE: W 103° 32' 28.8"

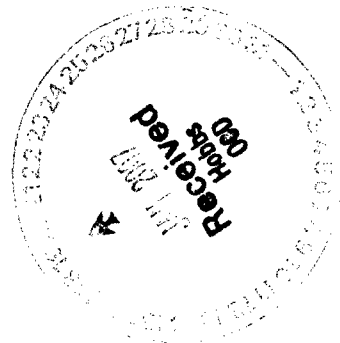
JANUARY 2007

PREPARED BY:

**ENVIRONMENTAL PLUS, INC.
2100 AVENUE O
EUNICE, NEW MEXICO 88231**

PREPARED FOR:

***dcp*
*Midstream.***



LETTER OF TRANSMITTAL

ENVIRONMENTAL
PLUS, INC.



Date: January 8, 2007
To: **Larry Johnson**
Company Name: New Mexico Oil Conservation Division – Hobbs
Address: 1625 French Drive
City / State / Zip: Hobbs, New Mexico 88240
From: Jason Stegemoller
CC: Paul Evans, BLM – Carlsbad, NM; Steve Weathers, DEFS – Denver, CO;
Lynn Ward, DEFS – Midland, TX
Project #: **1RP# 885**; EPI Ref. 130016
Project Name: DCP Midstream, LLC – Lynch Discharge Line
Subject: **Closure Proposal**

# of originals	# of copies	Description
	1	Copy of the DCP Midstream, LLC – Lynch Discharge Line Closure Proposal

Remarks

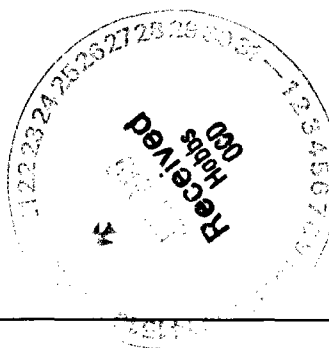
Dear Mr. Johnson:

Enclosed is a copy of the Closure Proposal for the above-referenced site. A copy of the proposal was sent to the Bureau of Land Management and appropriate DCP Midstream personnel. Should you have any questions or concerns, please contact Cody Miller or me at (505) 394-3481.

Sincerely,

Environmental Plus, Inc.

Jason Stegemoller
Environmental Scientist



P. O. Box 1558
Eunice, NM 88240
(505) 394-3481
Fax: (505) 394-2601



Distribution List

**DCP Midstream, LLC – Lynch Discharge Line
NMOCD IRP #885; EPI Ref: 130016**

Name	Title	Company or Agency	Mailing Address	e-mail
Larry Johnson	Environmental Engineer	New Mexico Oil Conservation Division – Hobbs	1625 North French Drive Hobbs, NM 88240	larry.johnson@state.nm.us
Paul Evans	Environmental Protection Specialist	U.S. Department of the Interior – Bureau of Land Management	620 E. Greene Street Carlsbad, NM 88220	paul_evans@nm.blm.gov
Lynn Ward	Environmental Specialist – Western Division	DCP Midstream, LLC	10 Desta Drive, Suite 400-W Midland, TX 79705	lcward@dcpmidstream.com
Steve Weathers	Senior Environmental Specialist	DCP Midstream, LLC	370 17 th Street, Suite 2500 Denver, CO 80202	swweathers@dcpmidstream.com
File	- -	Environmental Plus, Inc.	P.O. Box 1558 Eunice, NM 88231	jstegemoller@envyplus.net



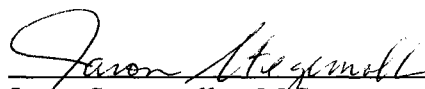
STANDARD OF CARE

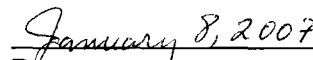
Closure Proposal

Lynch Discharge Line (NMOCD 1RP#885; EPI Ref. #130016)

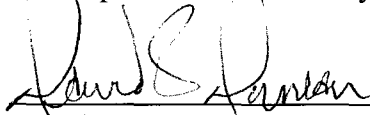
The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills and Releases* (August 13, 1993), the NMOCD *Unlined Surface Impoundment Closure Guidelines* (February, 1993) and Environmental Plus, Inc. (EPI) *Standard Operating Procedures and Quality Assurance/Quality Control Plan*. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were derived using currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered professional with a background in engineering, environmental and/or natural sciences.

This report was prepared by:


Jason Stegemoller, M.S.
Environmental Scientist


Date

This report was reviewed by:


David Duncan
Civil Engineer

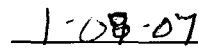

Date



Table of Contents

1.0	Project Synopsis	iv
2.0	Site and Release Information	1
3.0	NMOCD Site Ranking	2
4.0	Excavation Soil Information	3
5.0	Sampling Information	4
6.0	Analytical Results	5
7.0	Discussion	6
8.0	Conclusion and Recommendations	7

FIGURES

Figure 1: Area Map
Figure 2: Site Location Map
Figure 3: Site Map
Figure 4: Delineation Sampling Map
Figure 5: Excavation and Sample Location Map

TABLES

Table 1: Well Data
Table 2: Summary of Test Trench Analytical Results
Table 3: Summary of Excavation Analytical Results

APPENDICES

Appendix I: Laboratory Analytical Reports and Chain-of-Custody Forms
Appendix II: Project Photographs
Appendix III: Informational Copy of Initial NMOCD C-141 Form



1.0 PROJECT SYNOPSIS

Site Specific:

- ◆ **Company Name:** DCP Midstream, LLC (formerly Duke Energy Field Services)
- ◆ **Facility Name:** Lynch Discharge Line
- ◆ **Project Reference:** NMOCD 1RP#885; EPI Ref. #130016
- ◆ **Company Contacts:** Lynn Ward
- ◆ **Site Location:** WGS84 N32° 39' 49.9"; W103° 32' 28.8"
- ◆ **Legal Description:** Unit Letter-H, (SE¼ of the NE¼), Section 15, T 19 S, R 34 E
- ◆ **General Description:** Approximately 16.6-miles west-northwest of Monument, New Mexico
- ◆ **Elevation:** 3,895-ft amsl
- ◆ **Land Ownership:** United States Government; administered by the Department of Interior - Bureau of Land Management
- ◆ **EPI Personnel:** Project Consultant – Jason Stegemoller
Project Foreman – Sebastian Romero

Release Specific:

- ◆ **Product Released:** Natural Gas and Natural Gas Liquids (NGL)
- ◆ **Volume Released:** 8 barrels **Volume Recovered:** none
- ◆ **Time of Occurrence:** November 13, 2004 @ 09:00 hrs
- ◆ **Time of Discovery:** November 13, 2004 @ 11:00 hrs
- ◆ **Release Source:** 7-inch high pressure steel natural gas pipeline
- ◆ **Initial Surface Area Affected:** ~ 1,400 square feet

Remediation Specific:

- ◆ **Final Vertical extent of contamination:** 5-feet bgs at maximum depth
- ◆ **Depth to Ground Water:** ~29-ft bgs
- ◆ **Water wells within 1,000-ft:** None
- ◆ **Private domestic water sources within 200-ft:** None
- ◆ **Surface water bodies within 1,000-ft:** None
- ◆ **NMOCD Site Ranking Index:** 20 points
- ◆ **Remedial goals for Soil:** TPH – 100 mg/Kg; BTEX – 50 mg/Kg; Benzene – 10 mg/Kg; Chloride and sulfate residuals may not be capable of impacting groundwater above NMWQCC groundwater standards of 250 mg/L and 600 mg/L, respectively.
- ◆ **RCRA Waste Classification:** Exempt
- ◆ **Remediation Option Selected:** a) Trench to delineate extent of contamination; b) excavate suspected contaminated soils; c) sample sidewalls and floor of excavation; e) blend excavated soils on site; f) sample stockpiled (blended) soil to determine TPH, BTEX constituent and chloride concentrations; g) backfill the excavation with blended soil; h) seed remediation area with a blend approved by the BLM.
- ◆ **Disposal Facility:** Not Applicable
- ◆ **Volume disposed:** Not Applicable
- ◆ **Project Completion Date:** Ongoing



2.0 **SITE AND RELEASE INFORMATION**

2.1 *Describe the land use and pertinent geographic features within 1,000 feet of the site.*
In addition to oilfield activities, land surrounding the area is rangeland and utilized for livestock grazing.

2.2 *Identify and describe the source or suspected source(s) of the release.*
Corrosion of 7-inch diameter steel natural gas pipeline.

2.3 *What is the volume of the release? (if known):* 8 barrels of natural gas and natural gas liquids

2.4 *What is the volume recovered? (if any)* 0 barrels

2.5 *When did the release occur? (if known):* November 13, 2004

2.6 *Geological Description*

The United States Geological Survey (USGS) Ground-Water Report 6, "*Geology and Ground-water Conditions in Southern Lea County, New Mexico*," A. Nicholson and A. Clebsch, 1961, describes the near surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium (QA) sediments (i.e., fine to medium sand) with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche and generally overlain by sandy soil."

The release site is located in the Quercho Plains physiographic subdivision, described by Nicholson & Clebsch as an area that is "stable or semi-stable over most of the area, but which locally drifts. The surface is very irregular and has no drainage features except at the edges of several playas."

2.7 *Ecological Description*

Typical vegetation consists primarily of an intergrade of High Plains and Northern Chihuahuan Desert grasses. Vegetation includes perennial grasses (eg. blue grama, buffalograss) and annual and perennial forbs (eg. broad-leaved milkweed and Russian thistle). Degraded/disturbed areas will consist primarily of annual grasses and forbs and mesquite exhibiting shrubby growth forms. Mammals represented include Orrd's and Merriam's Kangaroo Rats, 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.

2.8 *Area Groundwater*

The unconfined groundwater aquifer at this site is projected to be ~29 feet below ground surface (bgs) based on water depth data obtained from the New Mexico State Engineers Office and the United States Geological Survey data base (reference *Table 1*).

2.9 *Area Water Wells*

No public water supply wells are located within 1,000-feet of the release site. In addition, no private domestic fresh water wells or springs used by less than five households for domestic or stock watering purposes exist within 200-feet of the release site (reference *Table 1* and *Figure 2*).

2.10 *Area Surface Water Features*

No surface water features exist within 1,000 feet of the release site (reference *Figure 2*).



3.0 NMOCD SITE RANKING

Contaminant delineation and remedial work done at this site indicate chemical parameters of the soil and physical parameters of the groundwater 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)*
- ◆ *Pit and Below-Grade Tank Guidelines (November, 2004)*

Acceptable thresholds for contaminants/constituents of concern (CoC) were determined based on the NMOCD Ranking Criteria as follows:

- ◆ *Depth to Groundwater (i.e., distance from the lower most acceptable concentration to groundwater);*
- ◆ *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 groundwater from the lower most contamination, the NMOCD ranking score for the site is twenty (20) points with the soil remedial goals highlighted in the Site Ranking table presented below:

1. GROUNDWATER	2. WELLHEAD PROTECTION AREA	3. DISTANCE TO SURFACE WATER	
Depth to GW < 50 feet: 20 points	If <1,000' 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		200-1,000 horizontal feet: 10 points	
Depth to GW >100 feet: 0 points	If >1,000' from water source, or >200' from private domestic water source: 0 points	>1,000 horizontal feet: 0 points	
Site Rank (1+2+3) = 20 + 0 + 0 = 20 points			
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	1,000 ppm	5,000 ppm

¹ A field soil vapor headspace measurement of 100 ppm can be substituted in lieu of laboratory analyses for benzene and BTEX.



4.0 **EXCAVATED SOIL INFORMATION**

4.1 ***Was soil excavated for off-site treatment or disposal?*** ☐ ***Yes*** ☒ ***No***

Date excavated: August 8, 2006 through August 11, 2006

Total volume removed: Approximately 400-cubic yards of NGL impacted soil were excavated to a maximum depth of 6-feet bgs from a 1,600-square foot area and stockpiled on site. After excavation activities were completed, the stockpiled soil was blended with clean soil obtained from the pipeline right-of-way.

4.2 ***Indicated soil treatment type:***

<input type="checkbox"/>	<i>Disposal</i>
<input type="checkbox"/>	<i>Land Treatment</i>
<input type="checkbox"/>	<i>Composting/Biopiling</i>
<input checked="" type="checkbox"/>	<i>Other (blending)</i>

Name and location of treatment/disposal facility:
Not Applicable



5.0 **SAMPLING INFORMATION**

5.1 ***Briefly describe the field screening methods used to distinguish contaminated from uncontaminated soil.***

Organic Vapor Concentrations – A portion of each soil sample collected was inserted into a self-sealing polyethylene bag to allow volatilization of organic vapors. After the samples equilibrated to ~70° F, they were analyzed for organic vapors utilizing a MiniRae® Photoionization Detector (PID) equipped with a 10.6 electron volt (eV) lamp and calibrated for benzene response.

Chloride Concentrations – A LaMotte Chloride Test Kit was utilized for field analyses of chloride concentration.

5.2 ***Briefly describe the soil analytical sampling and handling procedures used.***

Soil samples were collected from the test trench and excavation utilizing hand and/or mechanical excavation equipment to gather the sample from at least 6-inches below/within the surface of the excavation.

Upon collection of each sample, a portion was immediately placed in a laboratory provided container, labeled and set on ice for transport to an independent laboratory for quantification of total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene and total xylenes (BTEX) and chloride concentrations.

5.3 ***Discuss sample locations and provide rationale for their locations.***

On February 21, 2005, a test trench was excavated parallel to the pipeline to a maximum depth of approximately 10-feet below ground surface (bgs). A series of six soil samples (i.e., LD-A, LD-B, LD-C, LD-D, LD-E and LD-F) were collected at depths ranging from 5 to 10-ft bgs to delineate the horizontal extent of contamination (reference *Figure 4*).

On April 15, 2005, two soil samples were collected from the test trench at 5-feet bgs in locations LD-A and LD-B to provide additional delineation data (reference *Figure 4*).

On August 9, 2006, the site was excavated to remove hydrocarbon contaminated soils with soil samples collected from the excavation sidewalls at 4-feet bgs and the floor at 5-feet bgs. Soil sample locations were chosen to provide the best representative soil sample within the excavation floor and sidewalls (reference *Figure 5*).

On August 11, 2006, five soil samples were collected from the blended, stockpiled soil. Soil sample locations were chosen to provide the best representative soil sample within the blended stockpile.



6.0 ANALYTICAL RESULTS

6.1 *Describe the vertical and horizontal extent and magnitude of soil contamination.*

Laboratory analyses of the soil sample collected on February 21, 2005 from the test trench indicated BTEX constituent concentrations were non-detectable (ND) to low. Benzene and TPH concentrations were ND at or above laboratory method detection limits (MDL). Chloride concentrations ranged from 24.4 to 65.8 mg/Kg (reference *Table 2* and *Figure 4*).

Laboratory analyses of the soil sample collected on April 15, 2005 from the test trench indicated TPH and BTEX constituent concentrations were ND at or above laboratory MDL. Chloride concentrations ranged from 48 to 64 mg/Kg (reference *Table 2* and *Figure 4*).

Laboratory analyses of soil samples collected on August 9, 2006 from the excavation sidewalls and floor indicated TPH, BTEX constituent and chloride concentrations were ND at or above laboratory MDL (reference *Table 2* and *Figure 5*).

Laboratory analyses of soil samples collected on August 11, 2006 from the stockpiled soil indicated BTEX constituent and chloride concentrations were ND at or above laboratory MDL. TPH concentrations were below NMOCD Recommended Remedial Action Levels (reference *Table 2* and *Figure 5*).

6.2 *Is surface soil contamination present at the site (i.e., soil in the uppermost two feet that is visibly stained, contaminated at greater than 10 ppm (PID) or hydrocarbon saturated)?*

☐ *yes* ☒ *no*

If yes, attach a site map identifying extent(s) of surface soil contamination.

Visibly stained soil has been excavated and blended with soil obtained from the pipeline right-of-way. Blended soil is currently stockpiled adjacent to the excavation.



7.0 **DISCUSSION**

7.1 ***Discuss the risks associated with the remaining soil contamination:***

NGL impacted soil been excavated and blended with clean soil obtained from the pipeline right-of-way. Laboratory analyses of soil samples collected from the excavation sidewalls and floor indicated TPH and BTEX constituent and chloride concentrations were ND at or above laboratory MDL. Additionally, laboratory analyses of soil samples collected from the blended stockpile indicated TPH, BTEX constituent and chloride concentrations were ND at or above laboratory MDL.

7.2 ***Discuss the risks associated with the impacted groundwater:*** Not Applicable

7.3 ***Discuss other concerns not mentioned above:***

The initial site assessment performed by EPI on January 28, 2005 indicated approximately 15,650-square feet of surface damage. The majority of this damage was attributed to prior back-dragging the area of concern with a backhoe. The back-dragged soil was stockpiled adjacent to the excavation and later utilized during blending activities.

Additionally, the initial site assessment indicated the release overspray lightly misted vegetation within an area of approximately 13,920-square feet. As of August 2006, there was no visible impact upon vegetation within the overspray area.



8.0 **CONCLUSIONS AND RECOMMENDATIONS**

8.1 ***Recommendation for the site:***

- ☒ ***Site Closure***
☐ ***Additional Groundwater Monitoring***
☐ ***Corrective Action***

8.2 ***Base the recommendation above on Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993). Describe below how you applied the policy to support your recommendation. If closure is recommended, please summarize significant site investigative events and describe how site specific risk issues have been adequately addressed or minimized to acceptable low risk levels.***

Approximately 400-cubic yards of NGL impacted soil were excavated to a maximum depth of 6-ft bgs from a surface area of approximately 1,600 square feet. The excavated soil was then blended with soil obtained from the pipeline right-of-way. Soil samples were collected from the excavation sidewalls and floor and the blended stockpile and submitted to an independent laboratory for quantification of TPH, BTEX constituent and chloride concentrations.

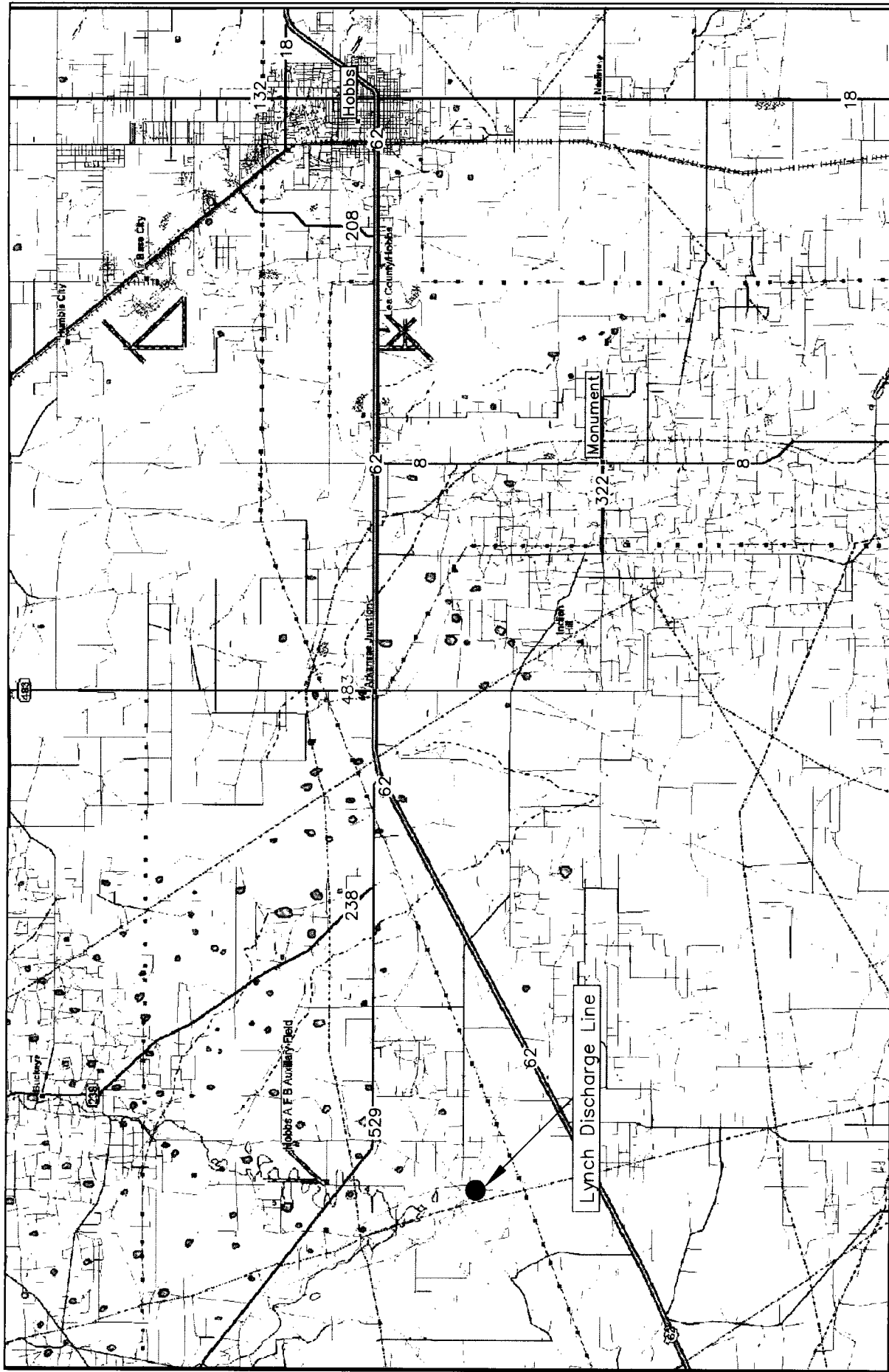
Laboratory analytical results of soil samples collected by EPI personnel from the excavation sidewalls and floor on August 9, 2006 indicate TPH, BTEX constituents and chloride concentrations were ND at or above laboratory MDL. Laboratory analytical results of soil samples collected on August 11, 2006 from the blended soil indicate TPH, BTEX constituent and chloride concentrations were ND at or above laboratory MDL.

8.3 ***If additional groundwater monitoring is recommended, indicate the proposed monitoring schedule and frequency. Conduct quarterly monitoring until the NMOCD responds to this report.*** Not Applicable

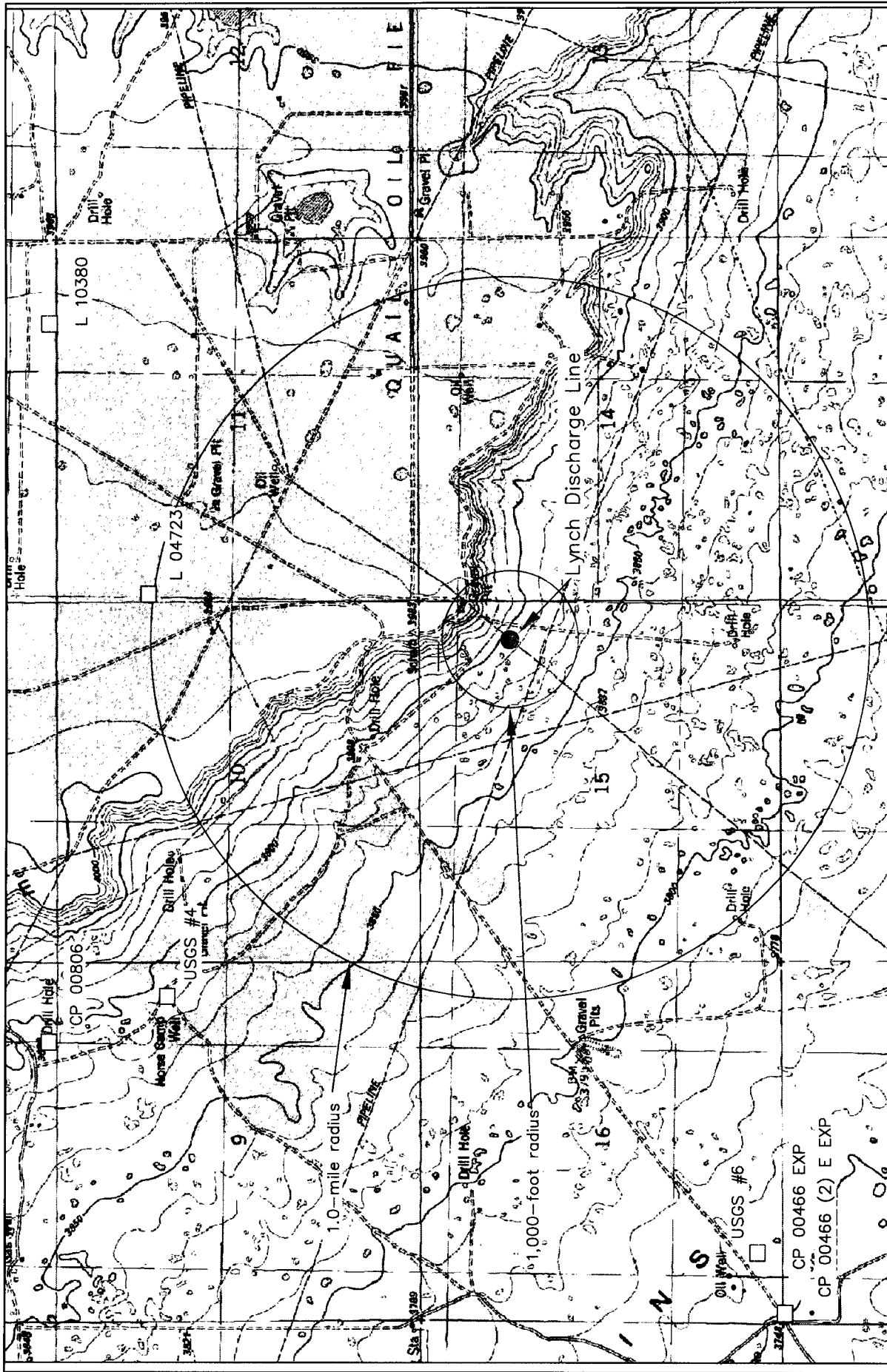
8.4 ***If corrective action is recommended, provide a conceptual approach.*** Environmental Plus, Inc. recommends the following actions be taken: a) backfill the excavation utilizing the blended, stockpiled soil; and b) contour/grade the area to ensure natural drainage; and c) seed the area with a blend preferred by the Bureau of Land Management (BLM).

Upon completion of remedial activities, a Closure Report will be provided to the NMOCD, BLM and appropriate DCP Midstream personnel.

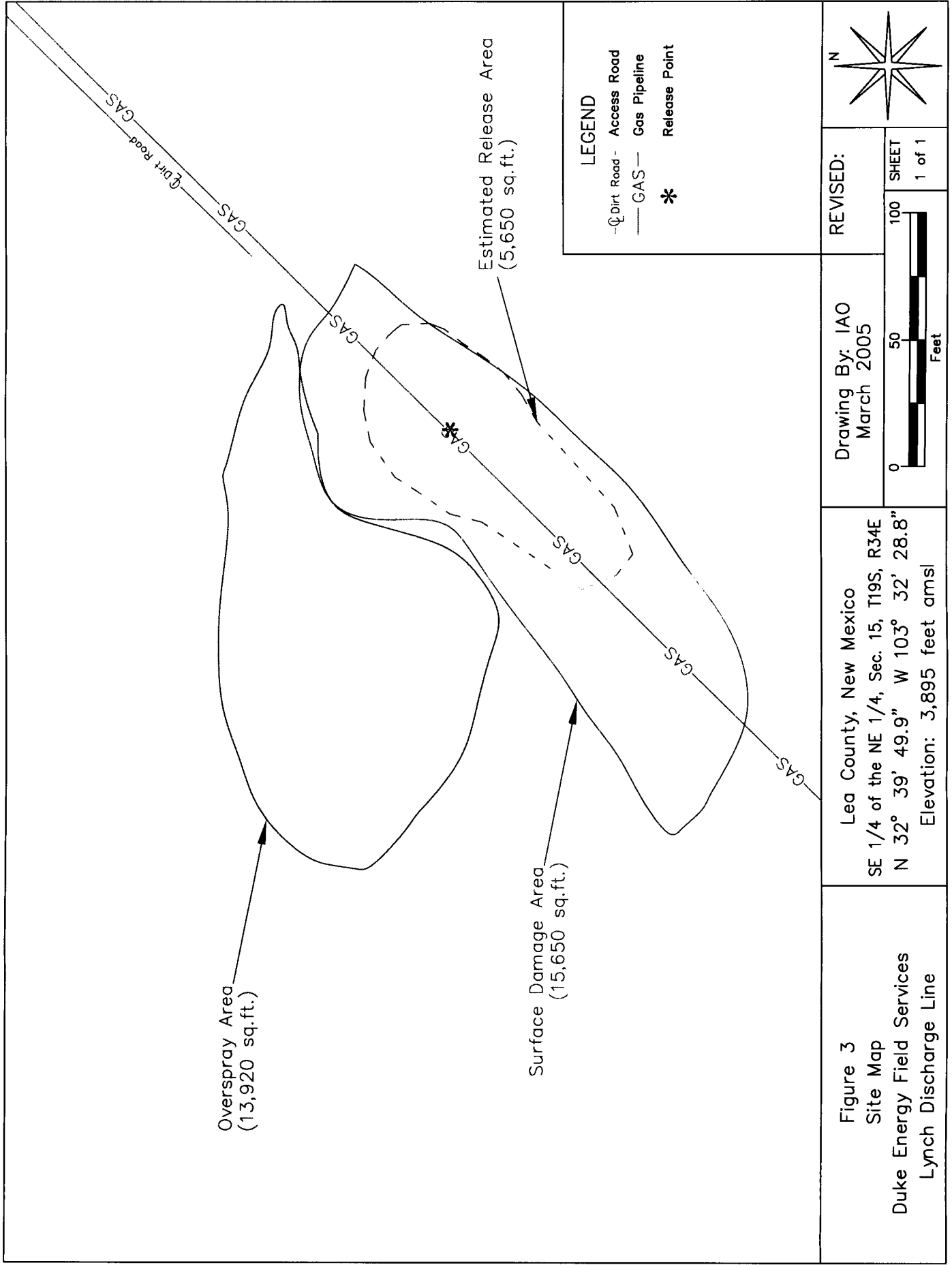
FIGURES

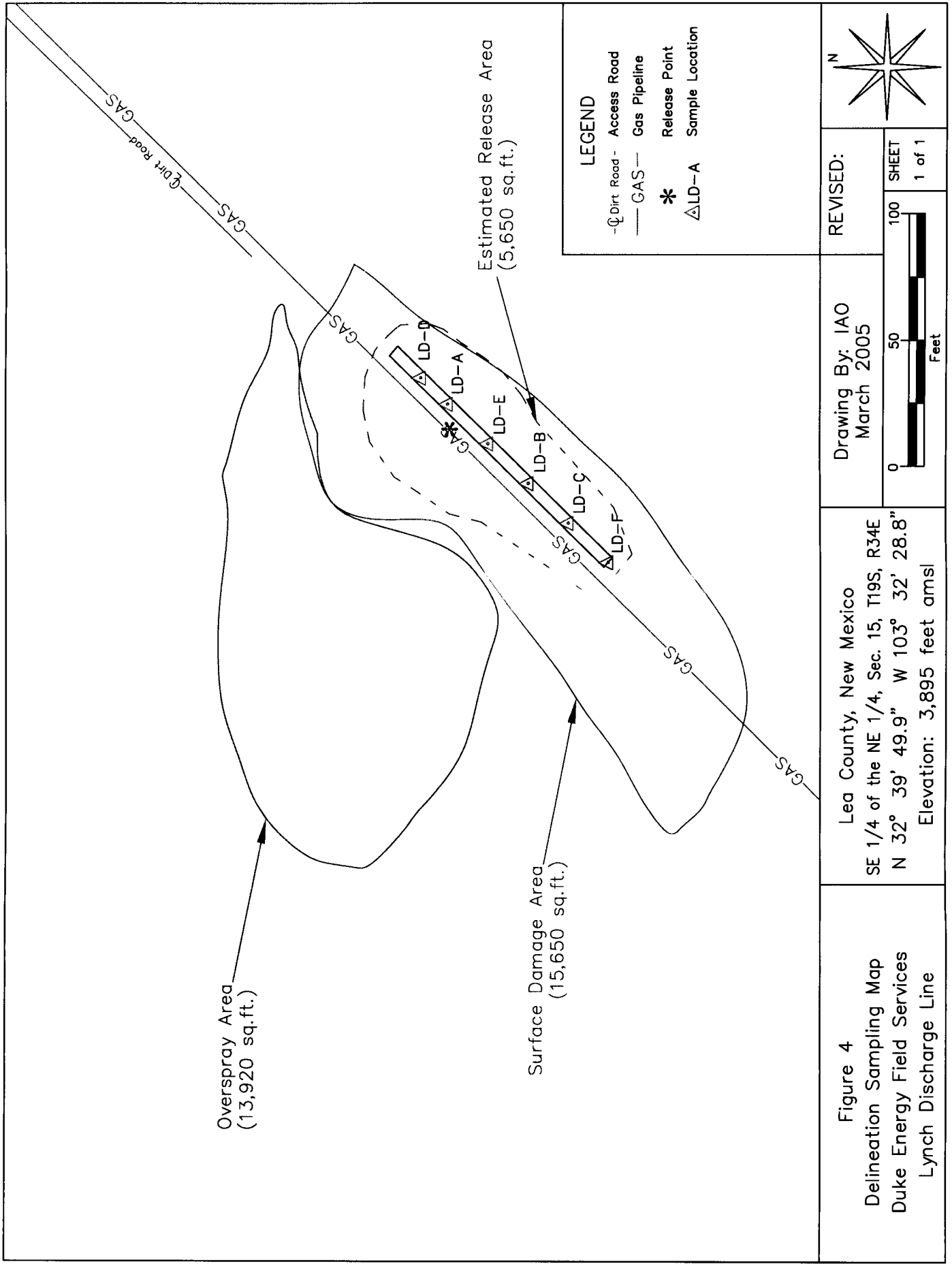


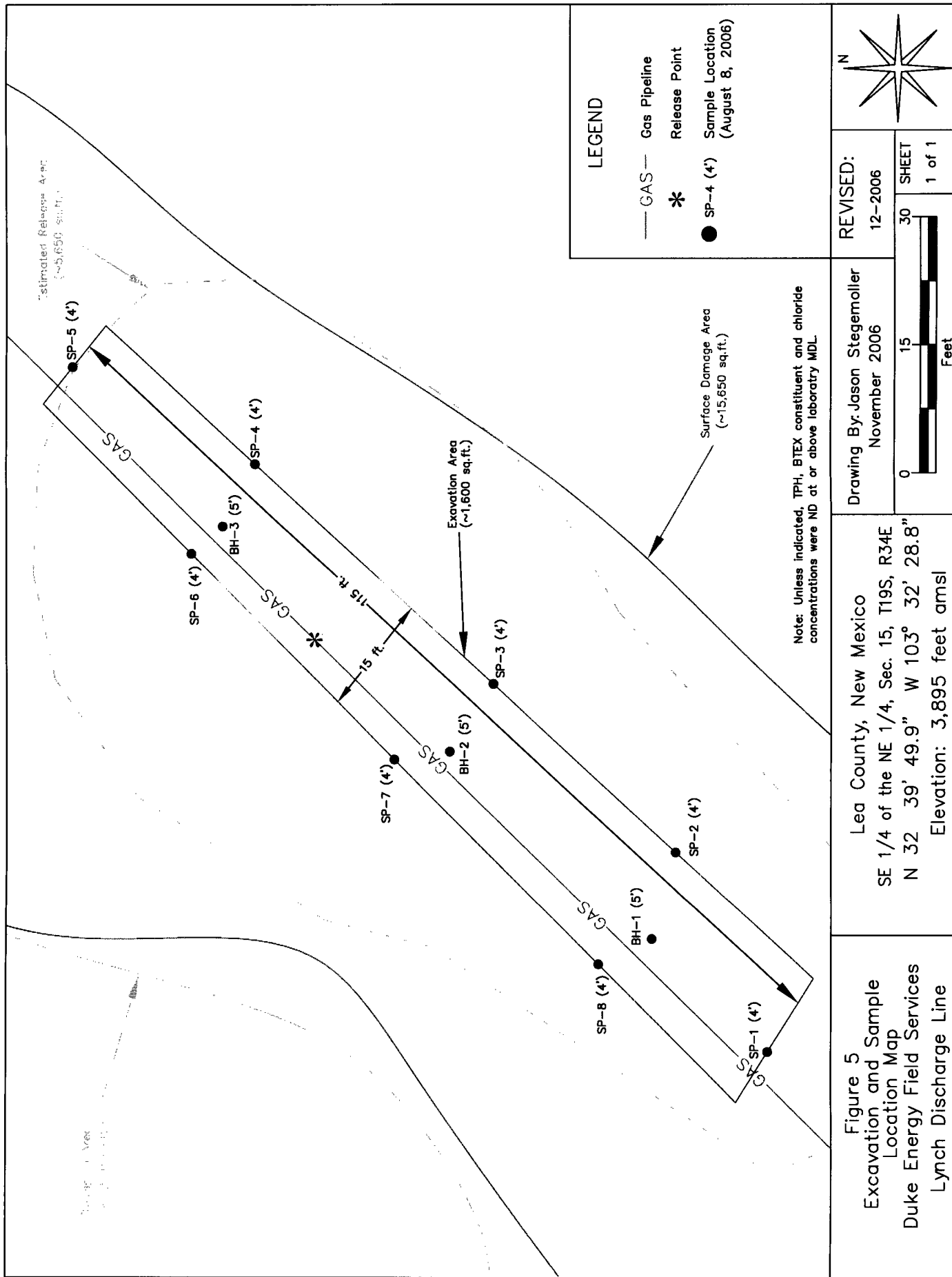
<p>Figure 1 Area Map Duke Energy Field Services Lynch Discharge Line</p>	<p>Lea County, New Mexico SE 1/4 of the NE 1/4, Sec. 15, T19S, R34E N 32° 39' 49.9" W 103° 32' 28.8" Elevation: 3,895 feet amsl</p>	<p>DWG By: Iain Olness March 2005</p> <p>REVISED:</p> <p>0 2.0 4.0 SHEET 1 of 1 Miles</p>



<p>Figure 2</p> <p>Site Location Map</p> <p>Duke Energy Field Services</p> <p>Lynch Discharge Line</p>	<p>Lea County, New Mexico</p> <p>SE 1/4 of the NE 1/4, Sec. 15, T19S, R34E</p> <p>N 32° 39' 49.9" W 103° 32' 28.8"</p> <p>Elevation: 3,895 feet amsl</p>	<p>DWG By: Iain Olness</p> <p>March 2005</p>	<p>REVISED:</p>
	<p>0 2,000 4,000 SHEET 1 of 1</p> <p>Feet</p>		







TABLES

TABLE 1

WELL INFORMATION REPORT*

DEFS Lynch Discharge Line - (NMOCD IRP #885; EPI Ref #130016)

Well Number	Diversion ^A	Owner	Use	Source	Twsp	Rng	Sec q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
L 10380	0	Charles B. Gillespie, Jr.	PRO	Shallow	19 S	34 E	02 4 4 3	N 32° 40' 55.32"	W 103° 31' 34.61"	11-Mar-94	3,973	100
USGS #1					19 S	34 E	03 4 1 2			28-Feb-81	3,883	104.9
CP 00806	0	Kenneth Smith	STK	Shallow	19 S	34 E	04 4 4	N 32° 40' 54.91"	W 103° 33' 38.15"		3,888	
CP 00875	0	Matador Petroleum, Inc.	PRO		19 S	34 E	05 3 4 3	N 32° 40' 54.68"	W 103° 35' 10.86"		3,806	
USGS #2					19 S	34 E	06 3 4 1			30-Jan-96	3,776	239.06
USGS #3					19 S	34 E	09 1 1 4				3,840	
USGS #4					19 S	34 E	09 2 4 2			30-Jan-96	3,896	28.73
L 04723	3	Cactus Drilling Company	PRO	Shallow	19 S	34 E	11 1 1 1	N 32° 40' 42.06"	W 103° 32' 20.82"	24-Sep-61	3,985	123
L 04059	3	Noble Drilling Company	PRO	Shallow	19 S	34 E	12 1 4			29-Jan-59	3,960	60
USGS #5					19 S	34 E	12 2 4 4			29-May-91	3,927	74.07
CP 00466 EXP	0	Gulf Oil Corporation	PRO		19 S	34 E	16 3 3 2	N 32° 39' 10.29"	W 103° 34' 24.43"		3,748	
CP 00466 (2) E EXP	0	Penzoil United, Inc.	PRO		19 S	34 E	16 3 3 2	N 32° 39' 10.29"	W 103° 34' 24.43"		3,748	
USGS #6					19 S	34 E	16 3 3 4			7-Apr-86	3,762	231.18
CP 00680 EXP	0	C. W. Trainer	OBS		19 S	34 E	25 4 3 3	N 32° 37' 26.49"	W 103° 30' 48.18"		3,730	
CP 00863	3	C. W. Trainer	OBS	Shallow	19 S	34 E	25 4 3 3	N 32° 37' 26.49"	W 103° 30' 48.18"	20-Jul-85	3,730	28
USGS #7					19 S	34 E	31 1 3 1			14-Mar-68	3,616	53.14
USGS #8					19 S	34 E	31 1 3 2			17-Nov-65	3,620	58.60 P
USGS #9					19 S	34 E	31 2 3 2			15-Dec-76	3,634	147.58 P
										28-Jan-81		147.86 P

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/IWATERS/wr_RegisServlet1) and USGS Database.
 Shaded well information indicates well location not shown on Figure 2

^A = in acre feet per annum

^B = Interpolated from USGS Topographical Map

IND = Industrial

STK = Livestock Watering

CLW = Change Location of Well (Ground)

EXP = Expired

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

TABLE 2

Summary of Test Trench Analytical Results

DEFS Lynch Discharge Line (NMOCD IRP #885; EPI Ref. #130016)

Soil Sample I.D.	Depth (feet)	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
LD-A	5	21-Feb-05	423	--	--	--	--	--	--	--	--	--	--
	5	15-Apr-05	12.5	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	48
	7	21-Feb-05	160	--	--	--	--	--	--	--	--	--	--
	10	21-Feb-05	122	--	<0.0250	0.0742	0.0690	0.262	0.405	<10.0	<10.0	<10.0	30.5
LD-B	5	21-Feb-05	464	--	--	--	--	--	--	--	--	--	--
	5	15-Apr-05	273	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	64
	10	21-Feb-05	114	--	<0.0250	0.0172 ^C	0.0165 ^C	0.0603	0.0603	<10.0	<10.0	<10.0	65.8
LD-C	5	21-Feb-05	151	--	<0.0250	<0.0250	<0.0250	<0.0250	<0.125	<10.0	<10.0	<10.0	24.4
LD-D	5	21-Feb-05	19.8	--	--	--	--	--	--	--	--	--	--
LD-E	5	21-Feb-05	275	--	--	--	--	--	--	--	--	--	--
	8	21-Feb-05	77.0	--	--	--	--	--	--	--	--	--	--
LD-F	5	21-Feb-05	6.1	--	--	--	--	--	--	--	--	--	--
NMOCD Remedial Thresholds			100^A		10				50			100	250^B

*Bolded values are in excess of the NMOCD Remediation Thresholds**-- = Not Analyzed**^AIn lieu of laboratory analyses of benzene, toluene, ethylbenzene and total xylenes.**^BChloride residuals may not be capable of impacting local groundwater above the NMWQC standard of 250 mg/L**^CEstimated concentration - analyte detected below reporting limits*

TABLE 3
Summary of Excavation Analytical Results
DEFS Lynch Discharge Line (NMOCD IRP #885; EPI Ref. #130016)

Sample Location	Soil Sample ID.	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
Excavation	SP-1 (4')	4	In Situ	09-Aug-06	--	480	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-2 (4')	4	In Situ	09-Aug-06	--	280	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-3 (4')	4	In Situ	09-Aug-06	--	240	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-4 (4')	4	In Situ	09-Aug-06	--	280	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-5 (4')	4	In Situ	09-Aug-06	--	260	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-6 (4')	4	In Situ	09-Aug-06	--	260	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-7 (4')	4	In Situ	09-Aug-06	--	340	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-8 (4')	4	In Situ	09-Aug-06	--	280	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	BH-1 (5')	5	In Situ	09-Aug-06	--	320	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	BH-2 (5')	5	In Situ	09-Aug-06	--	240	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
Blended Stockpile	BH-3 (5')	5	In Situ	09-Aug-06	--	380	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-1	--	Excavated	11-Aug-06	--	240	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	11.1	<21.1	<16
	SP-2	--	Excavated	11-Aug-06	--	280	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-3	--	Excavated	11-Aug-06	--	380	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-4	--	Excavated	11-Aug-06	--	280	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
	SP-5	--	Excavated	11-Aug-06	--	280	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	24.4	<34.4	<16
NMOCD Remedial Thresholds															250^B
											50			100	

Bolded values are in excess of the NMOCD Remediation Thresholds

-- = Not Analyzed

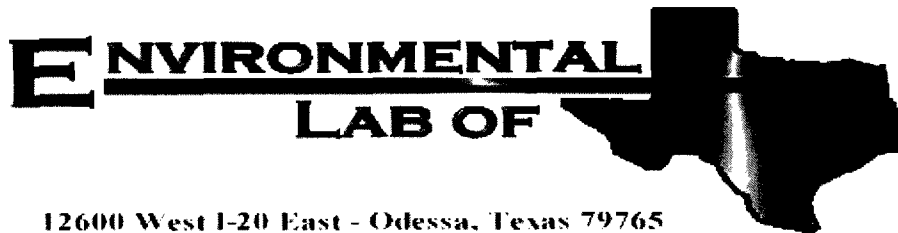
^A In lieu of laboratory analyses of benzene, toluene, ethylbenzene and total xylenes.

^B Chloride residuals may not be capable of impacting local groundwater above the NMWQC standard of 250 mg/L

APPENDICES

APPENDIX I

LABORATORY ANALYTICAL REPORTS
AND
CHAIN-OF-CUSTODY FORM



Analytical Report

Prepared for:

Iain Olness

Environmental Plus, Incorporated

P.O. Box 1558

Eunice, NM 88231

Project: Duke Energy- Lynch Discharge Line

Project Number: None Given

Location: NE 1/4, Sec 15, T19S, R34E

Lab Order Number: 5B23009

Report Date: 02/25/05

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LD-A (10')	5B23009-01	Soil	02/21/05 09:40	02/23/05 13:35
LD-B (10')	5B23009-02	Soil	02/21/05 10:22	02/23/05 13:35
LD-C (5')	5B23009-03	Soil	02/21/05 10:40	02/23/05 13:35

Environmental Plus, Incorporated	Project: Duke Energy- Lynch Discharge Line	Fax: 505-394-2601
P.O. Box 1558	Project Number: None Given	Reported:
Eunice NM, 88231	Project Manager: Iain Olness	02/25/05 17:35

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LD-A (10') (5B23009-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EB52408	02/23/05	02/23/05	EPA 8021B	
Toluene	0.0742	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.0690	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.211	0.0250	"	"	"	"	"	"	
Xylene (o)	0.0507	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		81.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB52307	02/23/05	02/24/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		79.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		79.0 %	70-130		"	"	"	"	
LD-B (10') (5B23009-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EB52408	02/23/05	02/23/05	EPA 8021B	
Toluene	J [0.0172]	0.0250	"	"	"	"	"	"	J
Ethylbenzene	J [0.0165]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	0.0603	0.0250	"	"	"	"	"	"	
Xylene (o)	J [0.0192]	0.0250	"	"	"	"	"	"	J
<i>Surrogate: a,a,a-Trifluorotoluene</i>		82.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.6 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB52307	02/23/05	02/24/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		89.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		85.0 %	70-130		"	"	"	"	
LD-C (5') (5B23009-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EB52408	02/23/05	02/24/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		86.7 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB52307	02/23/05	02/24/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 2 of 10

Environmental Plus, Incorporated	Project: Duke Energy- Lynch Discharge Line	Fax: 505-394-2601
P.O. Box 1558	Project Number: None Given	Reported:
Eunice NM, 88231	Project Manager: Iain Olness	02/25/05 17:35

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LD-C (5') (5B23009-03) Soil									
<i>Surrogate: 1-Chlorooctane</i>		93.8 %	70-130		EB52307	02/23/05	02/24/05	EPA 8015M	
<i>Surrogate: 1-Chlorooctadecane</i>		82.2 %	70-130		"	"	"	"	

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LD-A (10') (5B23009-01) Soil									
Chloride	30.5	5.00	mg/kg	10	EB52503	02/24/05	02/24/05	EPA 300.0	
% Moisture	1.6	0.1	%	1	EB52401	02/23/05	02/24/05	% calculation	
LD-B (10') (5B23009-02) Soil									
Chloride	65.8	5.00	mg/kg	10	EB52503	02/24/05	02/24/05	EPA 300.0	
% Moisture	2.0	0.1	%	1	EB52401	02/23/05	02/24/05	% calculation	
LD-C (5') (5B23009-03) Soil									
Chloride	24.4	5.00	mg/kg	10	EB52503	02/24/05	02/24/05	EPA 300.0	
% Moisture	8.7	0.1	%	1	EB52401	02/23/05	02/24/05	% calculation	

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EB52307 - Solvent Extraction (GC)

Blank (EB52307-BLK1)

Prepared: 02/23/05 Analyzed: 02/24/05

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	44.9		mg/kg	50.0		89.8	70-130			
Surrogate: 1-Chlorooctadecane	41.1		"	50.0		82.2	70-130			

LCS (EB52307-BS1)

Prepared: 02/23/05 Analyzed: 02/24/05

Gasoline Range Organics C6-C12	453	10.0	mg/kg wet	500		90.6	75-125			
Diesel Range Organics >C12-C35	460	10.0	"	500		92.0	75-125			
Total Hydrocarbon C6-C35	913	10.0	"	1000		91.3	75-125			
Surrogate: 1-Chlorooctane	46.7		mg/kg	50.0		93.4	70-130			
Surrogate: 1-Chlorooctadecane	36.7		"	50.0		73.4	70-130			

Calibration Check (EB52307-CCV1)

Prepared: 02/23/05 Analyzed: 02/24/05

Gasoline Range Organics C6-C12	509		mg/kg	500		102	80-120			
Diesel Range Organics >C12-C35	565		"	500		113	80-120			
Total Hydrocarbon C6-C35	1070		"	1000		107	80-120			
Surrogate: 1-Chlorooctane	48.6		"	50.0		97.2	70-130			
Surrogate: 1-Chlorooctadecane	47.8		"	50.0		95.6	70-130			

Matrix Spike (EB52307-MS1)

Source: 5B23007-03

Prepared: 02/23/05 Analyzed: 02/24/05

Gasoline Range Organics C6-C12	530	10.0	mg/kg dry	602	ND	88.0	75-125			
Diesel Range Organics >C12-C35	579	10.0	"	602	ND	96.2	75-125			
Total Hydrocarbon C6-C35	1110	10.0	"	1200	ND	92.5	75-125			
Surrogate: 1-Chlorooctane	37.3		mg/kg	50.0		74.6	70-130			
Surrogate: 1-Chlorooctadecane	39.3		"	50.0		78.6	70-130			

Matrix Spike Dup (EB52307-MSD1)

Source: 5B23007-03

Prepared: 02/23/05 Analyzed: 02/24/05

Gasoline Range Organics C6-C12	516	10.0	mg/kg dry	602	ND	85.7	75-125	2.68	20	
Diesel Range Organics >C12-C35	600	10.0	"	602	ND	99.7	75-125	3.56	20	
Total Hydrocarbon C6-C35	1120	10.0	"	1200	ND	93.3	75-125	0.897	20	
Surrogate: 1-Chlorooctane	41.4		mg/kg	50.0		82.8	70-130			
Surrogate: 1-Chlorooctadecane	38.0		"	50.0		76.0	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 5 of 10

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EB52408 - EPA 5030C (GC)

Blank (EB52408-BLK1)

Prepared & Analyzed: 02/23/05

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	84.0		ug/kg	100		84.0	80-120			
Surrogate: 4-Bromofluorobenzene	97.1		"	100		97.1	80-120			

LCS (EB52408-BS1)

Prepared & Analyzed: 02/23/05

Benzene	91.7		ug/kg	100		91.7	80-120			
Toluene	96.7		"	100		96.7	80-120			
Ethylbenzene	105		"	100		105	80-120			
Xylene (p/m)	237		"	200		118	80-120			
Xylene (o)	119		"	100		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	89.5		"	100		89.5	80-120			
Surrogate: 4-Bromofluorobenzene	104		"	100		104	80-120			

Calibration Check (EB52408-CCV1)

Prepared: 02/23/05 Analyzed: 02/24/05

Benzene	95.1		ug/kg	100		95.1	80-120			
Toluene	98.1		"	100		98.1	80-120			
Ethylbenzene	100		"	100		100	80-120			
Xylene (p/m)	229		"	200		114	80-120			
Xylene (o)	117		"	100		117	80-120			
Surrogate: a,a,a-Trifluorotoluene	90.3		"	100		90.3	80-120			
Surrogate: 4-Bromofluorobenzene	99.0		"	100		99.0	80-120			

Matrix Spike (EB52408-MS1)

Source: 5B23009-03

Prepared & Analyzed: 02/23/05

Benzene	101		ug/kg	100	ND	101	80-120			
Toluene	104		"	100	ND	104	80-120			
Ethylbenzene	104		"	100	ND	104	80-120			
Xylene (p/m)	236		"	200	ND	118	80-120			
Xylene (o)	116		"	100	ND	116	80-120			
Surrogate: a,a,a-Trifluorotoluene	93.7		"	100		93.7	80-120			
Surrogate: 4-Bromofluorobenzene	113		"	100		113	80-120			

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EB52408 - EPA 5030C (GC)

Matrix Spike Dup (EB52408-MSD1)

Source: 5B23009-03

Prepared & Analyzed: 02/23/05

Benzene	90.4		ug/kg	100	ND	90.4	80-120	11.1	20	
Toluene	94.5		"	100	ND	94.5	80-120	9.57	20	
Ethylbenzene	102		"	100	ND	102	80-120	1.94	20	
Xylene (p/m)	235		"	200	ND	118	80-120	0.00	20	
Xylene (o)	117		"	100	ND	117	80-120	0.858	20	
Surrogate: a,a,a-Trifluorotoluene	82.4		"	100		82.4	80-120			
Surrogate: 4-Bromofluorobenzene	114		"	100		114	80-120			

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB52401 - General Preparation (Prep)										
Blank (EB52401-BLK1)				Prepared: 02/23/05 Analyzed: 02/24/05						
% Moisture	ND	0.1	%							
Duplicate (EB52401-DUP1)				Source: 5B23001-01		Prepared: 02/23/05 Analyzed: 02/24/05				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Batch EB52503 - Water Extraction										
Blank (EB52503-BLK1)				Prepared & Analyzed: 02/24/05						
Chloride	ND	0.500	mg/kg							
Blank (EB52503-BLK2)				Prepared & Analyzed: 02/24/05						
Chloride	ND	0.500	mg/kg							
LCS (EB52503-BS1)				Prepared & Analyzed: 02/24/05						
Chloride	10.3		mg/L	10.0		103	80-120			
LCS (EB52503-BS2)				Prepared & Analyzed: 02/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Calibration Check (EB52503-CCV1)				Prepared & Analyzed: 02/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Calibration Check (EB52503-CCV2)				Prepared & Analyzed: 02/24/05						
Chloride	10.4		mg/L	10.0		104	80-120			
Duplicate (EB52503-DUP1)				Source: 5B22006-01		Prepared & Analyzed: 02/24/05				
Chloride	35.3	5.00	mg/kg		42.2			17.8	20	

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

Fax: 505-394-2601

Reported:
02/25/05 17:35

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EB52503 - Water Extraction

Duplicate (EB52503-DUP2)

Source: 5B24002-02

Prepared & Analyzed: 02/24/05

Chloride	17.2	5.00	mg/kg		17.1			0.583	20	
----------	------	------	-------	--	------	--	--	-------	----	--

Environmental Plus, Incorporated
P.O. Box 1558
Eunice NM, 88231

Project: Duke Energy- Lynch Discharge Line
Project Number: None Given
Project Manager: Iain Olness

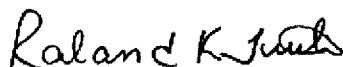
Fax: 505-394-2601

Reported:
02/25/05 17:35

Notes and Definitions

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date:

2/25/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.


This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas, Inc.

12600 West I-20 East, Odessa Texas 79763
432-563-1800 FAX: 432-563-1713

Chain of Custody Form

Company Name: Environmental Plus, Inc.		 <p>Attn: Iain Olness PO Box 1558, Eunice, NM 88231</p>		ANALYSIS REQUEST																				
EPI Project Manager: Iain Olness																								
Mailing Address: P.O. BOX 1558																								
City, State, Zip: Eunice New Mexico 88231																								
EPI Phone#/Fax#: 505-394-3481 / 505-394-2601																								
Client Company: Duke Energy Field Services		Facility Name: Lynch Discharge Line (Ref.)																						
Project Location: NE 1/4, Sec 15, T19S, R34E		EPI Sampler Name: Felix Hernandez																						
LAB I.D. 5B22009A	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESEPV.	SAMPLING																
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ⁼)	pH	TCLP	OTHER >>>	PAH		
1 LD-A (10')		G 1	1			X				X	X		21-Feb	9:40	X	X	X							
2 LD-B (10')		G 1				X				X	X		21-Feb	10:22	X	X	X							
3 LD-C (5')		G 1				X				X	X		21-Feb	10:40	X	X	X							
4																								
5																								
6																								
7																								
8																								
9																								
10																								

Sample Requested By: <i>John Olness</i>	Date: <i>2/28/05</i>	Received By: <i>John Olness</i>	Date: <i>2/28/05</i>	Remarks: <i>E-mail results to: iolness@hotmail.com</i>
Delivered By: <i>John Olness</i>	Date: <i>2/28/05</i>	Received By: <i>Felix Hernandez</i>	Date: <i>2/28/05</i>	Remarks: <i>402 JAN</i>
Checked By: <i>John Olness</i>	Date: <i>2/28/05</i>	Sample for Analysis: <i>Yes</i>	Checked By: <i>John Olness</i>	Remarks: <i>See 3.50C</i>

**Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In**

Client: Environ. Plus, Inc.
 Date/Time: 2/23/05 1:37
 Order #: 9323009
 Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	3.5 C
Shipping container/cooler in good condition?	<input checked="" type="checkbox"/> Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/> Yes	No	Not present
Chain of custody present?	<input checked="" type="checkbox"/> Yes	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/> Yes	No	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/> Yes	No	
Container labels legible and intact?	<input checked="" type="checkbox"/> Yes	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/> Yes	No	
Samples in proper container/bottle?	<input checked="" type="checkbox"/> Yes	No	
Samples properly preserved?	<input checked="" type="checkbox"/> Yes	No	
Sample bottles intact?	<input checked="" type="checkbox"/> Yes	No	
Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/> Yes	No	
All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	No	
VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.

ATTN: IAIN OLNESS

P.O. BOX 1558

EUNICE, NM 88231

FAX TO: (505) 394-2601

Receiving Date: 04/15/05

Reporting Date: 04/20/05

Project Owner: DUKE ENERGY FIELD SERVICES

Project Name: LYNCH DISCHARGE LINE

Project Location: NE 1/4, SEC 15, T19S, R34E

Sampling Date: 04/15/05

Sample Type: SOIL

Sample Condition: COOL & INTACT

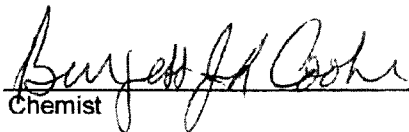
Sample Received By: AH

Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
		04/18/05	04/18/05	04/19/05
H9715-1	LD-A (5')	<10.0	<10.0	48
H9715-2	LD-B (5')	<10.0	<10.0	64
Quality Control		771	771	998
True Value QC		800	800	1000
% Recovery		96.3	96.4	99.8
Relative Percent Difference		6.0	4.0	0.2

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist

4/20/05
Date

H9715A.XLS

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393 2326 • 101 F. MARLAND • HOBBS, NM 88240

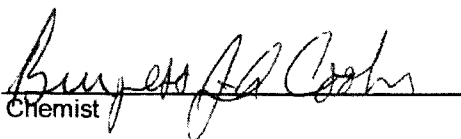
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: IAIN OLNESS
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 04/15/05
Reporting Date: 04/21/05
Project Owner: DUKE ENERGY FIELD SERVICES
Project Name: LYNCH DISCHARGE LINE
Project Location: NE 1/4, SEC 15, T19S, R34E

Sampling Date: 04/15/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/20/05	04/20/05	04/20/05	04/20/05
H9715-1	LD-A (5')	<0.005	<0.005	<0.005	<0.015
H9715-2	LD-B (5')	<0.005	<0.005	<0.005	<0.015
Quality Control		0.091	0.088	0.094	0.298
True Value QC		0.100	0.100	0.100	0.300
% Recovery		90.7	87.6	94.4	99.2
Relative Percent Difference		3.5	7.2	3.9	5.3

METHOD: EPA SW-846 8260


Chemist

7/21/05
Date

PLEASE NOTE: **Liability and Damages** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

Cardinal Laboratories

101 East Marland, Hobbs, NM 88240
(505) 393-2326

Chain of Custody Form

49715

Company Name: Environmental Plus, Inc.		Bill To:		ANALYSIS REQUEST											
EPI Project Manager: Iain Olness		Duke Energy Field Services													
Mailing Address: P.O. BOX 1558		Attn: Ronnie Gilchrist													
City, State, Zip: Eunice New Mexico 88231		1625 West Marland,													
EPI Phone#/Fax#: 505-394-3481 / 505-394-2601		Hobbs, NM 88240													
Client Company: Duke Energy Field Services															
Facility Name: Lynch Discharge Line (Ref.)															
Project Location: NE 1/4, Sec 15, T19S, R34E															
EPI Sampler Name: Felix Hernandez															

LAB I.D.	SAMPLE I.D.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	PH	TCLP	OTHER >>	PAH	
			GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME								
49715-1	LD-A (5')	G 1			X					X	X				X	X					
-2	LD-B (5')	G 1	X		X					X	X				X	X					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					


Sampler Relinquished: Felix Hernandez	Date: 4/15/05	Received By:
Relinquished by:	Time: 10:50	Received By: (lab staff) [Signature]
Delivered by:	Sample Cool & Intact: Yes	Checked By:

E-mail results to: iolness@hotmail.com
REMARKS: If TPH concentrations are > 100ppm, do not run BTEX or chlorides

Cardinal Laboratories

101 East Marland, Hobbs, NM 88240
(505) 393-2326

Chain of Custody Form

Company Name: Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST																			
EPI Project Manager: Iain Olness		 <p>Attn: Ronnie Gilchrist 1625 West Marland, Hobbs, NM 88240</p>		BTEX 8021B		TPH 8015M		CHLORIDES (Cl)		SULFATES (SO ₄)		pH		TCLP		OTHER >>>		PAH					
Mailing Address: P.O. BOX 1558				DATE		TIME		PRESERV.		OTHER		SLUDGE		CRUDE OIL		SOIL		GROUND WATER		WASTEWATER			
City, State, Zip: Eunice New Mexico 88231				GROUND WATER		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER		DATE		TIME			
EPI Phone#/Fax#: 505-394-3481 / 505-394-2601				# CONTAINERS		(G) RAB OR (C) OMP.		WASTEWATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER	
Client Company: Duke Energy Field Services				LAB I.D.		SAMPLE I.D.		GROUND WATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER	
Facility Name: Lynch Discharge Line (Ref.)		LAB I.D.		SAMPLE I.D.		GROUND WATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER			
Project Location: NE 1/4, Sec 15, T19S, R34E		LAB I.D.		SAMPLE I.D.		GROUND WATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER			
EPI Sampler Name: Sebastian Romero		LAB I.D.		SAMPLE I.D.		GROUND WATER		SOIL		CRUDE OIL		SLUDGE		OTHER:		ACID/BASE		ICE/COOL		OTHER			

Sampler Relinquished:	Date	Received By:	Received By:
Relinquished by:	Date	Received By: (lab staff)	Received By:
Delivered by:	Date	Sample Cool & Intact	Checked By:
		Yes No	


E-mail results to: jstegemoller@envplus.net
Please run chlorides ASAP

Cardinal Laboratories

101 East Marland, Hobbs, NM 88240
(505) 393-2326


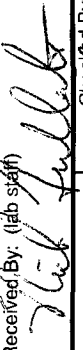

Chain of Custody Form

Company Name: Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST													
EPI Project Manager: Iain Olness																	
Mailing Address: P.O. BOX 1558																	
City, State, Zip: Eunice New Mexico 88231																	
EPI Phone#/Fax#: 505-394-3481 / 505-394-2601																	
Client Company: Duke Energy Field Services																	
Facility Name: Lynch Discharge Line (Ref.)																	
Project Location: NE 1/4, Sec 15, T19S, R34E																	
EPI Sampler Name: Sebastian Romero																	



Attn: Ronnie Gilchrist
1625 West Marland,
Hobbs, NM 88240

LAB I.D.	SAMPLE I.D.	# CONTAINERS	MATRIX				PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	PH	TCLP	OTHER >>	PAH
			GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER								
10433-11	BH-3 (5')	1			X							X	X	X					
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler Relinquished:	Date	Received By:	E-mail results to: jstegemoller@envplus.net PLEASE RUN CHLORIDES ASAP
	Time		
Relinquished by:	Date	Received By: (lab staff)	
	Time		
Delivered by:	Sample Cool & Intact		
	Yes	No	
		Checked By:	
			



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

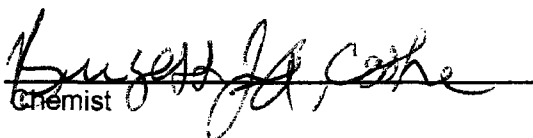
Receiving Date: 08/11/06
Reporting Date: 08/16/06
Project Number: NOT GIVEN
Project Name: LYNCH DISCHARGE LINE (REF.)
Project Location: NE 1/4, SEC 15, T19S, R34E

Sampling Date: 08/09/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		08/15/06	08/15/06	08/14/06
H11433-1	SP-1 (4')	<10.0	<10.0	<16
H11433-2	SP-2 (4')	<10.0	<10.0	<16
H11433-3	SP-3 (4')	<10.0	<10.0	<16
H11433-4	SP-4 (4')	<10.0	<10.0	<16
H11433-5	SP-5 (4')	<10.0	<10.0	<16
H11433-6	SP-6 (4')	<10.0	<10.0	<16
H11433-7	SP-7 (4')	<10.0	<10.0	<16
H11433-8	SP-8 (4')	<10.0	<10.0	<16
H11433-9	BH-1 (5')	<10.0	<10.0	<16
H11433-10	BH-2 (5')	<10.0	<10.0	<16
H11433-11	BH-3 (5')	<10.0	<10.0	<16
Quality Control		781	783	1000
True Value QC		800	800	1000
% Recovery		97.6	97.9	100
Relative Percent Difference		1.0	6.4	3.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H11433

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

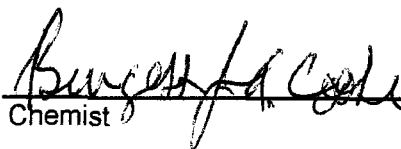
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601


Receiving Date: 08/11/06
Reporting Date: 08/16/06
Project Number: NOT GIVEN
Project Name: LYNCH DISCHARGE LINE (REF.)
Project Location: NE 1/4, SEC 15, T19S, R34E

Sampling Date: 08/09/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		08/15/06	08/15/06	08/15/06	08/15/06
H11433-1	SP-1 (4')	<0.005	<0.005	<0.005	<0.015
H11433-2	SP-2 (4')	<0.005	<0.005	<0.005	<0.015
H11433-3	SP-3 (4')	<0.005	<0.005	<0.005	<0.015
H11433-4	SP-4 (4')	<0.005	<0.005	<0.005	<0.015
H11433-5	SP-5 (4')	<0.005	<0.005	<0.005	<0.015
H11433-6	SP-6 (4')	<0.005	<0.005	<0.005	<0.015
H11433-7	SP-7 (4')	<0.005	<0.005	<0.005	<0.015
H11433-8	SP-8 (4')	<0.005	<0.005	<0.005	<0.015
H11433-9	BH-1 (5')	<0.005	<0.005	<0.005	<0.015
H11433-10	BH-2 (5')	<0.005	<0.005	<0.005	<0.015
H11433-11	BH-3 (5')	<0.005	<0.005	<0.005	<0.015
Quality Control		0.093	0.099	0.099	0.296
True Value QC		0.100	0.100	0.100	0.300
% Recovery		93.0	99.1	99.4	98.8
Relative Percent Difference		7.9	5.4	5.1	3.1

METHOD: EPA SW-846 8260


Chemist


Date

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. **H11433-11** Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

Cardinal Laboratories

101 East Marland, Hobbs, NM 88240
(505) 393-2326

Chain of Custody Form

Company Name: Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST											
EPI Project Manager: Jason Stegemoller															
Mailing Address: P.O. BOX 1558															
City, State, Zip: Eunice New Mexico 88231															
EPI Phone#/Fax#: 505-394-3481 / 505-394-2601															
Client Company: Duke Energy Field Services															
Facility Name: Lynch Discharge Line (Ref.)															
Project Location: NE 1/4, Sec 15, T19S, R34E															
EPI Sampler Name: Sebastian Romero															

Attn: Ronnie Gilchrist
1625 West Marland,
Hobbs, NM 88240

LAB I.D.	SAMPLE I.D.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH	
			GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME									
11443	1 SP-1	G 1			X						X			11-Aug	08:00	X						
	2 SP-2	G 1			X						X			11-Aug	08:00	X						
	3 SP-3	G 2			X						X			11-Aug	08:00	X						
	4 SP-4	G 3			X						X			11-Aug	08:00	X						
	5 SP-5	G 4			X						X			11-Aug	08:00	X						
6																						
7																						
8																						
9																						
10																						

Sampler Relinquished:	Date: 8-15-06		Received By:
Relinquished by:	Time: 14:30	Date: 8-15-06	Received By: (lab staff)
Delivered by:	Time: 14:30	Date: 8-15-06	Sample Cool & Intact
			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Checked By:

E-mail results to: jstegemoller@envplus.net

REMARKS:

505-394-0201 EPI FAX



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

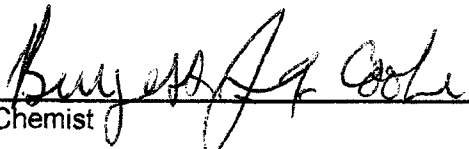
Receiving Date: 08/15/06
Reporting Date: 08/17/06
Project Owner: DUKE ENERGY FIELD SERVICES
Project Name: LYNCH DISCHARGE LINE (REF.)
Project Location: NE 1/4, SEC 15, T19S, R34E

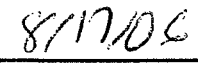
Sampling Date: 08/11/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		08/16/06	08/16/06	08/16/06
H11448-1	SP-1	<10.0	11.1	<16
H11448-2	SP-2	<10.0	<10.0	<16
H11448-3	SP-3	<10.0	<10.0	<16
H11448-4	SP-4	<10.0	<10.0	<16
H11448-5	SP-5	<10.0	24.4	<16
Quality Control		786	782	1000
True Value QC		800	800	1000
% Recovery		98.3	97.8	100
Relative Percent Difference		<0.1	11.1	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl*: Std. Methods 4500-Cl'B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H11448

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

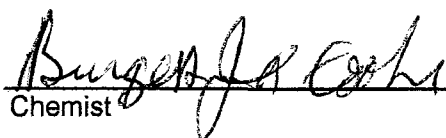
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601


Receiving Date: 08/15/06
Reporting Date: 08/17/06
Project Owner: DUKE ENERGY FIELD SERVICES
Project Name: LYNCH DISCHARGE LINE (REF.)
Project Location: NE 1/4, SEC 15, T19S, R34E

Sampling Date: 08/11/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		08/16/06	08/16/06	08/16/06	08/16/06
H11448-1	SP-1	<0.005	<0.005	<0.005	<0.015
H11448-2	SP-2	<0.005	<0.005	<0.005	<0.015
H11448-3	SP-3	<0.005	<0.005	<0.005	<0.015
H11448-4	SP-4	<0.005	<0.005	<0.005	<0.015
H11448-5	SP-5	<0.005	<0.005	<0.005	<0.015
		<0.005	<0.005	<0.005	<0.015
Quality Control		0.103	0.103	0.100	0.300
True Value QC		0.100	0.100	0.100	0.300
% Recovery		103	103	99.5	100
Relative Percent Difference		<0.1	0.7	0.8	0.2

METHOD: EPA SW-846 8260


Chemist


Date

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. **Cardinal** be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by **Cardinal**, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

APPENDIX II

PROJECT PHOTOGRAPHS



Photo #1: Looking northeasterly across release area.

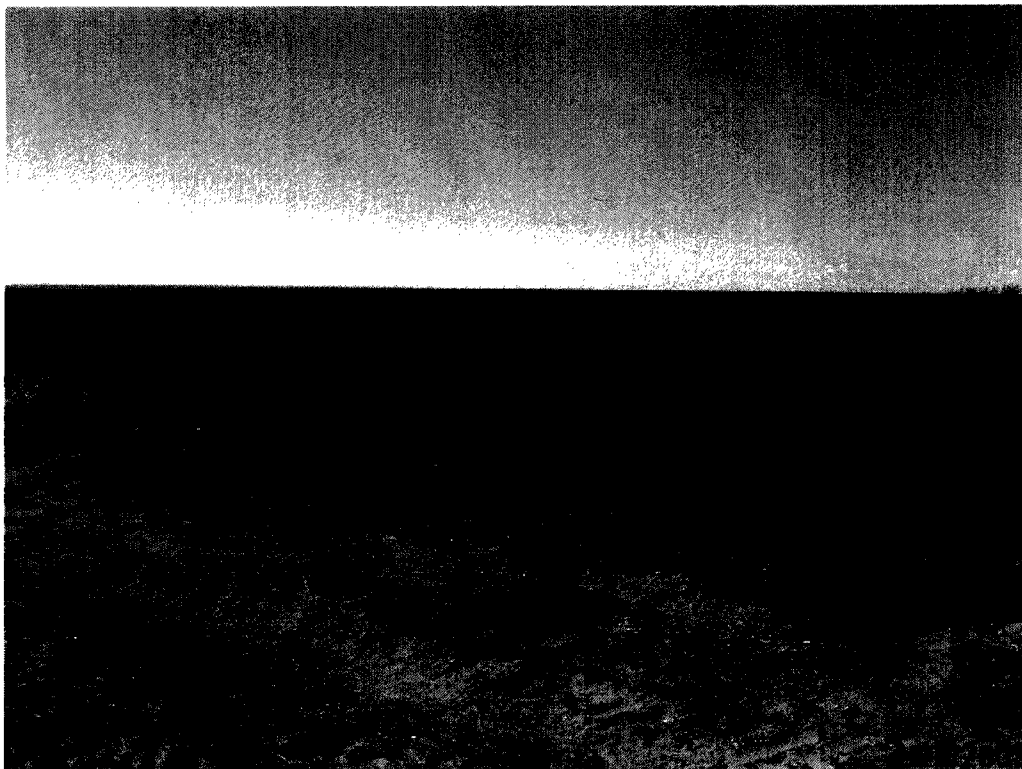


Photo #2: Looking northwesterly across release and overspray areas.



Photo #3: Excavation area current status, looking southwesterly.



November 10, 2006

Photo #4: Excavation area current status, looking southwesterly.

APPENDIX III

INFORMATIONAL COPY OF INITIAL

NMOCD C-141 FORM

JAN. 21 '2005 12:39 410/523087

METALS USA 14107523087

#3895 P.002/002

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Arriba Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
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 Duke Energy Field Services, LP	Contact Lynn Ward/Ronnie Gilchrest
Address 10 Desta Dr., Suite 10, Midland, TX 79705	Telephone No. 432/620-4207
Facility Name Lynch Discharge Line/7" MM Line	Facility Type Compressor Station Discharge Line
Surface Owner Bureau of Land Management	Mineral Owner Bureau of Land Management
Lease No. <input type="checkbox"/>	

LOCATION OF RELEASE

Unit Letter	Section NE/4 of 15	Township 19S	Range 34E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea County
-------------	--------------------------	-----------------	--------------	---------------	------------------	---------------	----------------	----------------------

NATURE OF RELEASE

Type of Release Pipeline Liquids	Volume of Release 8 bbls	Volume Recovered 0
Source of Release High Pressure 7" Steel Pipeline	Date and Hour of Occurrence 11/13/04 @ 9:00 am MST	Date and Hour of Discovery 11/13/04 @ 11:00 am MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes No Not Required	If YES, To Whom? Gary Wink, Hobbs District Office, OGD	
By Whom? Lynn Ward <input type="checkbox"/>	Date and Hour 11/13/04 @ 11:30 am MST	
Was a Watercourse Reached? Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* <input type="checkbox"/> At approximately 9:00 am on 11/13/04, the DEFS Lynch Booster shutdown automatically indicating low discharge pressure. Field Operators were dispatched to investigate. The Operators found a leak on the discharge line (7" MM Line) of the booster in the NE/4 of Section 15, T19S, R34E. The line volume is normally approximately 8 MMscfd. The volume of liquids lost is unknown but estimated at 8 bbls which caused a spray of pipeline liquids over approximately 3 acres. The line was shut in and allowed to depressurize. The gas was re-routed in order to restart the booster. DEFS was in the process of replacing the line prior to the failure and anticipates completion the first week of December. Remediation activities/delineation has been delayed due to recent weather conditions. DEFS anticipates delineation will be conducted by a 3 rd party and will provide additional information at that time.		
Describe Area Affected and Cleanup Action Taken.* The affected line was depressurized. Gas volume was re-routed. DEFS is currently replacing the MM Line. Cleanup activities are delayed due to recent weather conditions and reducing impact of vehicle traffic to soils. Work proposal will be provided as soon as possible.		
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: <i>Lynn Ward</i>		OIL CONSERVATION DIVISION
Printed Name: Lynn Ward		Approved by: <i>[Signature]</i> District Supervisor:
Title: Sr. Environmental Specialist	Approval Date: 11-1-07	Expiration Date:
Date: 11/23/04 Phone: 432/620-4207	Conditions of Approval:	Attached

* Attach Additional Sheets If Necessary

Regional Environmental: *Punch 2.1.1.1*