2R - 55

REPORTS
DATE:

JAN 2003

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

January 27, 2003

Mr. Jack Ford
New Mexico Oil Conservation Division
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, New Mexico 88505

Subject: Closure Proposal

Re: Duke A-14
UL-M (SW¼ of the SW¼) of Section 10 T18S R27E
Latitude 32° 45' 22.923"N
Longitude 104° 16' 16.287"W
Eddy County New Mexico

Dear Mr. Ford,

This letter report and closure proposal for the above referenced remediation site is being submitted by Environmental Plus, Inc. of Eunice, New Mexico on behalf of Mr. Steve Weathers, Duke Energy Field Services, Denver, Colorado.

Site Description
The site is located approximately 12 miles east southeast of Artesia, New Mexico in the bottom of Scoggins Draw, a southwest trending drainage that terminates in the Pecos River Basin approximately 3.5 miles down gradient. A perennial boggy area was present approximately 30' north of the A-14 excavation perimeter. The excavation and boggy area are now contiguous and filled with water. Ground water occurs at ~6'bgs. In 1993 a 50,000 bbl crude oil storage tank at the BP America facility, located approximately 2,100 feet up the draw from the A-14 site, failed, releasing 19,000 bbls of "Dagger Draw" crude oil. (Dagger Draw oil is produced from a field southwest of Artesia, New Mexico and is greenish in color.) The soil has apparently been remediated and a Rule 19 Abatement Plan implemented to address ground water contamination. The installed recovery and monitoring system, according to BP consultants, has been only marginally successful, recovering very little crude. Site maps are attached.

Introduction
As a result of a leak in the Duke Energy Field Services A-14 natural gas pipeline, soil was contaminated above the New Mexico Oil Conservation Division guideline thresholds for the Constituents of Concern (CoCs), i.e., by Total Petroleum Hydrocarbon, method 8015m (TPH^{8015m}), and BTEX, i.e.

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TELEPHONE 505•394•3481 FAX 505•394•2601

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Benzene, Toluene, Ethylbenzene, and total Xylenes method 8021B. The land is managed by the Bureau of Land Management.

Site Ranking Criteria
Ground water occurs in the area at approximately 6 feet below the ground surface ('bgs), there are no surface water bodies, or domestic or agricultural water wells observed within 1000 horizontal feet of the site. Site ranking score is 20 points.

Site Rank and CoC Remedial Goals
According to the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), the CoC remedial goals for a site with a 20 point ranking are as follows;

TPH^{8015m}	100 mg/Kg
Benzene	10 mg/Kg
BTEX	50 mg/Kg

Soil Remediation
The affected soil was removed and stockpiled. In November 2002, the contaminated soil, approximately 1,227 yd^3, was shredded/aerated/and blended. On November 7, 2002, to determine effectiveness of the shredding operation, composite soil samples were collected of the unshredded and shredded soil piles. The samples were analyzed by Cardinal Laboratories, Hobbs, New Mexico for TPH^{8015m} , BTEX, and Soil Chloride. The data is summarized below.

		Composite Sample Identification	
Parameter	Units	SDA14110702SP (Unshredded)	SDA14110702SH (Shredded)
Gasoline Range Organics (GRO) C_6-C_{10}	mg/Kg	12.0	<10.0
Diesel Range Organics (DRO) C_{10}-C_{28}	mg/Kg	1440	260
TPH^{8015m} (GRO+DRO)	mg/Kg	**1452**	**260**
Benzene	mg/Kg	<0.005	<0.005
Toluene	mg/Kg	<0.005	<0.005
Ethylbenzene	mg/Kg	<0.005	<0.005
Xylenes	mg/Kg	<0.015	<0.015
Chloride	mg/Kg	208	480

Copies of the original analytical reports are attached along photographs of the operation.

The shredding operation was effective in reducing the hydrocarbon source term in the contaminated soil.

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BP America Investigation 12-16-02

On December 16, 2002, BP America (BP) advanced 4 perimeter soil borings around the Duke A-14 site to determine if the hydrocarbon delineated on top of the anhydrite interbed in the bottom of the Duke A-14 excavation originated from the 1993 BP tank failure and release event. Green colored crude oil was observed in soil samples collected from soil immediately above the anhydrite. The Duke A-14 pipeline fluid is a condensate and could not be the source of the crude oil delineated during the BP investigation. Analytical results are not yet available.

Confirmation Sampling 1-23-03

On 1-23-03, EPI personnel collected a 5-point composite sample of the shredded soil pile, half-way up the mound at a depth of 6-10". In addition, two water samples were collected from the water pool; one north of the Duke pipeline and one from the south. The shredded spoils pile sample was analyzed for TPH^{8015m} and BTEX, the water samples for BTEX. The results are summarized below and the original analytical reports are attached.

		Sample Identification			
		Water Samples			Soil
Parameter	Units	WDA14TripBlk (Trip Blank)	WDA1412303S (South)	WDA1412303N (North)	SDA1412303SPC (Spoils Composite)
Gasoline Range Organics (GRO) C_6-C_{12}	mg/Kg	Not analyzed	Not analyzed	Not analyzed	<10.0
Diesel Range Organics (DRO) C_{10}-C_{35}	mg/Kg	Not analyzed	Not analyzed	Not analyzed	43.7
TPH^{8015m} (GRO+DRO)	mg/Kg	Not analyzed	Not analyzed	Not analyzed	**43.7**
Benzene	mg/Kg	<0.001	<0.001	<0.001	<0.025
Toluene	mg/Kg	<0.001	<0.001	<0.001	<0.025
Ethylbenzene	mg/Kg	<0.001	<0.001	<0.001	<0.025
p/m-Xylenes	mg/Kg	<0.001	<0.001	0.002	<0.025
o-Xylene	mg/Kg	<0.001	<0.001	<0.001	<0.025

Conclusion

All soil considered impacted by the Duke leak, down to the anhydrite interbed occurring between 14 to 16'bgs, was removed and subsequently remediated. The data collected during this study indicate the soil has been remediated to below the NMOCD remedial guideline thresholds and is acceptable for use as backfill. The BTEX data from the water samples also suggests that little if any of the original Duke hydrocarbon remains in the excavation bottom or sidewalls.

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Closure Proposal
Duke proposes to dewater the excavation by pumping the water onto the ground surface south of the excavation, backfilling with the remediated soil, and contouring to grade. Upon approval of by the NMOCD, Duke will implement and document the proposal and submit a request to the NMOCD requiring "no further action" at this site.

All official communication should be addressed to Mr. Steve Weathers at the address below.

Mr. Steve Weathers
P.O. Box 5493
370 17th Street Suite 900
Duke Energy Field Services
Denver, Colorado 80217

SWWeathers@Duke-Energy.com

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

Sincerely,

Pat McCasland
EPI Technical Services Manager

cc: Steve Weathers, Duke Energy Field Services
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President
file

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P.O. BOX 1558 ••• 2100 AVENUE O ••• EUNICE, NEW MEXICO 88231
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DUKE ENERGY FIELD SERVICES A-14
SW/4 OF THE SW/4 UL-M SECTION 10 T18S R27E
EDDY COUNTY NEW MEXICO

UNIVERSAL TRANSVERSE MERCATOR
(3 NORTH
NAD 1983 HPGN (New Mexico)

N

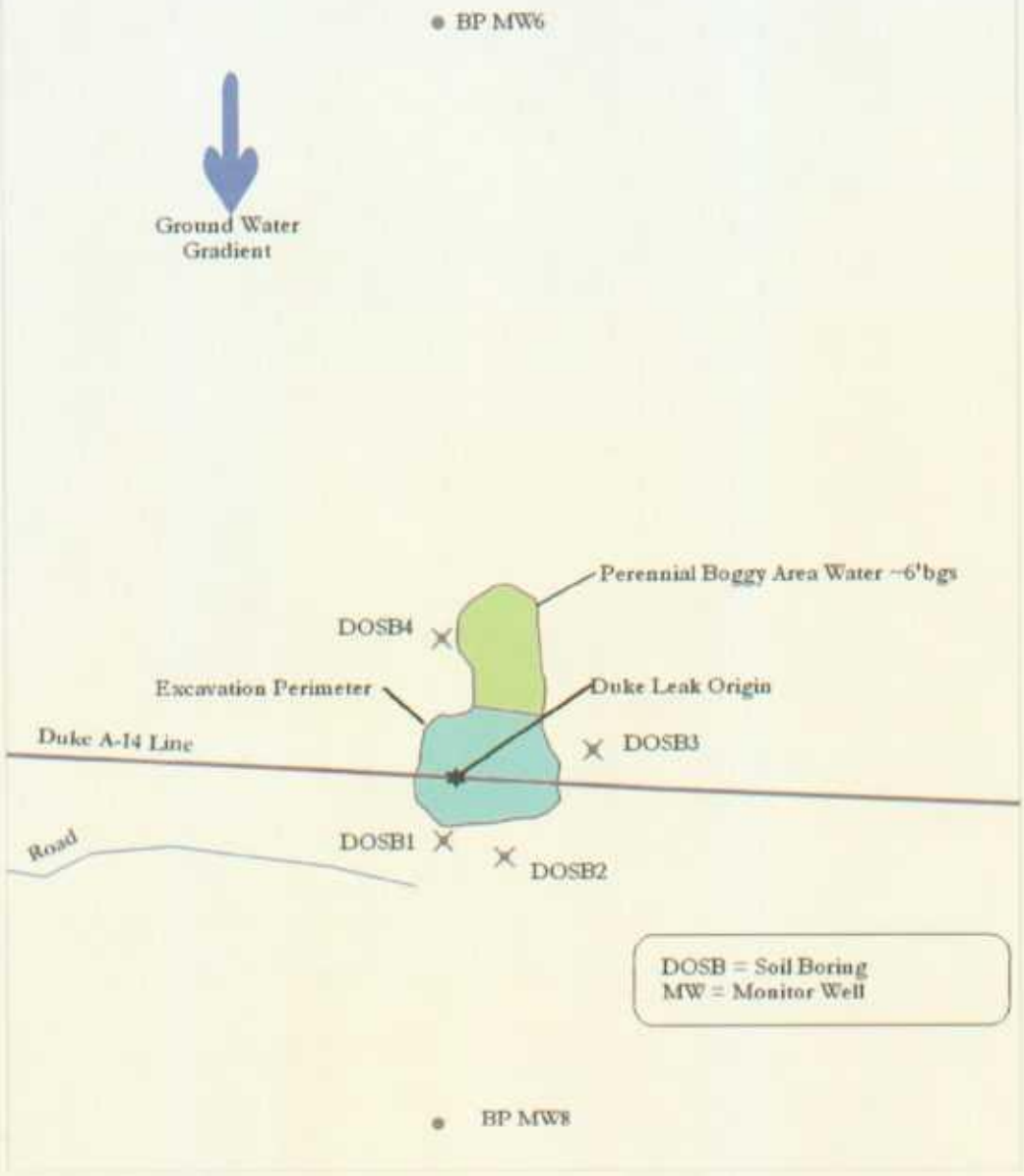
SCALE 1:4,500

0 500.0

FEET

RIZIKSA.COM

12/17/2002



DUKE ENERGY FIELD SERVICES A-14
SW/4 OF THE SW/4 UL-M SECTION 10 T18S R27E
EDDY COUNTY NEW MEXICO

UNIVERSAL TRANSVERSE MERCATOR
13 NORTH
NAD 1983 HPGN (NEW MEXICO)

N

SCALE 1:1,200

0 150.0

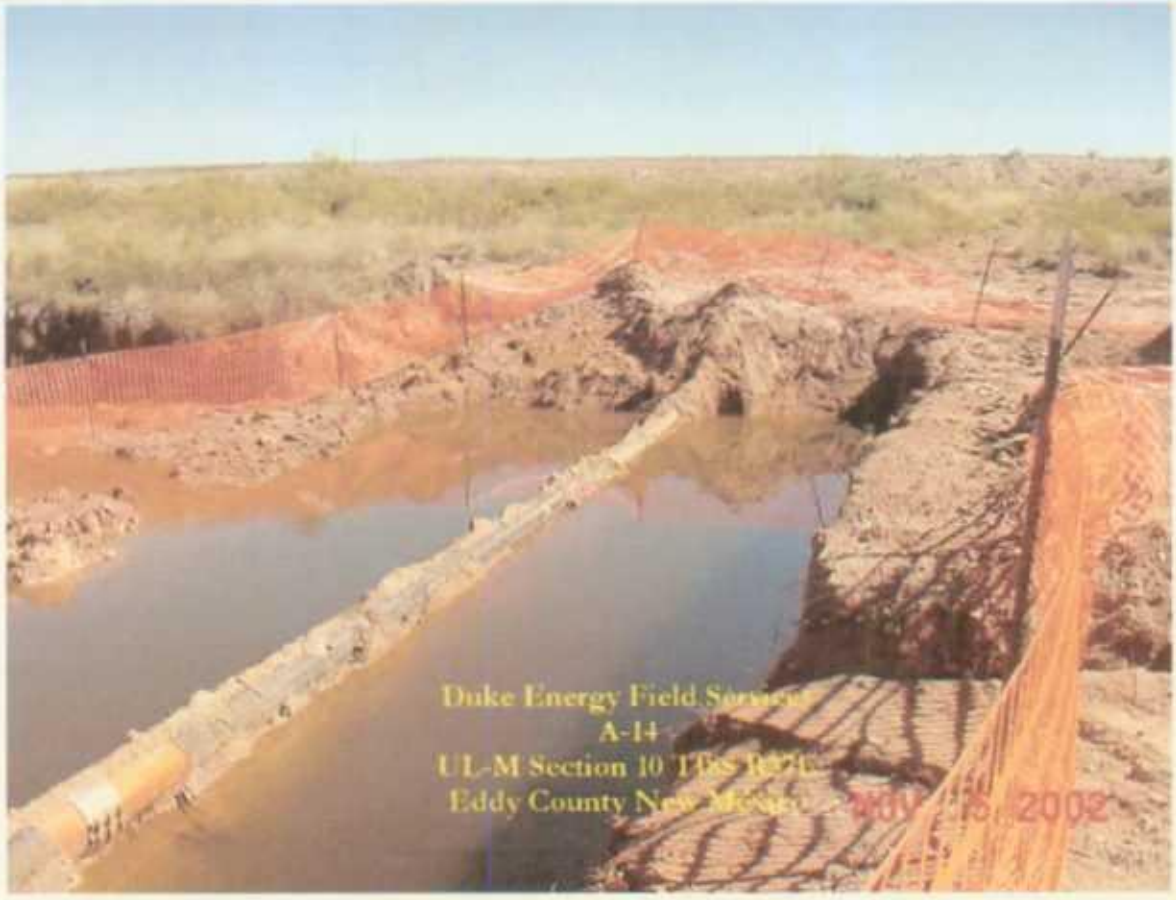
FEET

R12615A.COR

12/17/2002


Duke Energy Field Services
A-14
UL-M Section 10 T18S R27E
Eddy County New Mexico
NOV 5 2002


Duke Energy Field Services
A-14
UL-M Section 10 T18S R27E
Eddy County New Mexico
NOV 5 2002


Duke Energy Field Service
A-14
UL-M Section 10 T19S R27E
Eddy County New Mexico
2002


Duke Energy Field Service
A-14


DOSB-3 14'-16'
Duke Energy Field Services
A-14
UL-M Section 10 T18S R27E
Eddy County New Mexico
12/16/2002 12:00pm


Duke Energy Field Services
A-14
UL-M Section 10 T18S R27E
Eddy County New Mexico
12/16/2002 4:31pm

CARDINAL LABORATORIES

PHONE (915) 673-7001 o 2111 BEECHWOOD o ABILENE, TX 79603
PHONE (505) 393-2326 o 101 E. MARLAND o HOBBS, NM 88240

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

Receiving Date: 11/08/02
Reporting Date: 11/13/02
Project Owner: DUKE
Project Name: A-14 LINE
Project Location: NOT GIVEN

Sampling Date: 11/07/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/Kg)	DRO (>C_{10}-C_{28}) (mg/Kg)	Cl* (mg/Kg)	
ANALYSIS DATE		11/11/02	11/11/02	11/11/02	
H7190-1	SDA14110702SP	12.0	1440	208	Spoils Pile Composite
H7190-2	SDA14110702SH	<10.0	260	480	Shredded Pile Composite
Quality Control		788	835	990	
True Value QC		800	800	1000	
% Recovery		98.5	104	99.0	
Relative Percent Difference		4.2	1.9	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

11/13/02
Date

H7190a

CARDINAL LABORATORIES

PHONE (915) 673-7001 o 2111 BEECHWOOD o ABILENE, TX 79603
PHONE (505) 393-2326 o 101 E. MARLAND o HOBBS, NM 88240

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

Receiving Date: 11/08/02
Reporting Date: 11/13/02
Project Owner: DUKE
Project Name: A-14 LINE
Project Location: NOT GIVEN

Sampling Date: 11/07/02
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		11/08/02	11/08/02	11/08/02	11/08/02
H7190-1	SDA14110702SP	<0.005	<0.005	<0.005	<0.015
H7190-2	SDA14110702SH	<0.005	<0.005	<0.005	<0.015
Quality Control		0.105	0.102	0.104	0.297
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	102	104	98.8
Relative Percent Difference		1.2	7.6	9.6	8.3

METHOD: EPA SW-846 8260

Chemist

11/13/02
Date

H7190

Cardinal Laboratories Inc.

2111 Beechwood, Abilene, TX 79603
915-673-7001 Fax 915-673-7020

101 East Marland, Hobbs, NM 88240
505-393-2326 Fax 505-393-2476

Company Name	Duke
Project Manager	John Lamb
Address	
City, State, Zip	
Phone#/Fax#	
Project #/Owner	Duke
Project Name	A-14 Line
Project Location	
Sampler Name	Kirt Tyree

Bill To

Environmental Plus Inc.

Analysis Request

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	Cl
H7190-1	SDA14110702SP	C	1			X					X		11/7/02	2:30	X	X	
-2	SDA14110702SH	C	1			X					X		11/7/02	2:40	X	X	

SP - Spoils Pile Composite
SH - Shredded Pile Composite

Sampler Relinquished: Kirt Tyree	Date 11-8-02 Time 7:00am	Received By:	Fax Results To Pat McCasland 505-394-2601
Relinquished by: Frank Hall	Date 11-8-02 Time 12:00	Received By: (lab staff) Burgess A Cooley	REMARKS:
Delivered by Sampler	Sample Cool & Intact: (Yes) No	Checked By:	

ANALYTICAL REPORT

Prepared for:

STEVE WEATHERS
DUKE ENERGY FIELD SERVICES
P.O. BOX 5493
DENVER, CO 80217

Project:	A-14
PO#:	PM12303
Order#:	G0305526
Report Date:	01/27/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

DUKE ENERGY FIELD SERVICES
P.O. BOX 5493
DENVER, CO 80217
303-389-1957

Order#: G0305526
Project: A-14
Project Name: A-14
Location: Eddy County

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305526-01	WDA1412303S	WATER	1/23/03 9:00	1/23/03 14:30	Bottle	See COC
	Lab Testing: 8021B/5030 BTEX	Rejected: No		Temp: 3.5 C		
0305526-02	WDA1412303N	WATER	1/23/03 9:10	1/23/03 14:30	Bottle	See COC
	Lab Testing: 8021B/5030 BTEX	Rejected: No		Temp: 3.5 C		
0305526-03	WDA14Trip Blk	WATER		1/23/03 14:30	Bottle	See COC
	Lab Testing: 8021B/5030 BTEX	Rejected: No		Temp: 3.5 C		
0305526-04	SDA1412303SPC	SOIL	1/23/03 9:30	1/23/03 14:30	Bottle	See COC
	Lab Testing: 8015M 8021B/5030 BTEX	Rejected: No		Temp: 3.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

STEVE WEATHERS		Order#:	G0305526
DUKE ENERGY FIELD SERVICES		Project:	A-14
P.O. BOX 5493		Project Name:	A-14
DENVER, CO 80217		Location:	Eddy County

Lab ID: 0305526-01
Sample ID: WDA1412303S

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004437-02		1/24/03 9:17	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	110%	80	120
Bromofluorobenzene	87%	80	120

Lab ID: 0305526-02
Sample ID: WDA1412303N

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004437-02		1/24/03 10:23	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	0.002	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	101%	80	120
Bromofluorobenzene	101%	80	120

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

STEVE WEATHERS
DUKE ENERGY FIELD SERVICES
P.O. BOX 5493
DENVER, CO 80217

Order#: G0305526
Project: A-14
Project Name: A-14
Location: Eddy County

Lab ID: 0305526-03
Sample ID: WDA14Trip Blk

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004437-02		1/23/03 16:22	1	1	CK	8021B

Parameter	Result mg/L	RL
Benzene	<0.001	0.001
Toluene	<0.001	0.001
Ethylbenzene	<0.001	0.001
p/m-Xylene	<0.001	0.001
o-Xylene	<0.001	0.001

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	107%	80	120
Bromofluorobenzene	104%	80	120

Lab ID: 0305526-04
Sample ID: SDA1412303SPC

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/24/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	43.7	10.0
TOTAL, C6-C35	43.7	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	107%	70	130

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

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

STEVE WEATHERS		Order#:	G0305526
DUKE ENERGY FIELD SERVICES		Project:	A-14
P.O. BOX 5493		Project Name:	A-14
DENVER, CO 80217		Location:	Eddy County

Lab ID: 0305526-03
Sample ID: SDA1412303SPC

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004445-02		1/24/03 20:22	1	25	CK	8021B

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

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	110%	80	120

Approval: Roland K. Tuttle 1-27-03
Roland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezughe, Lab Tech.
Sara Molina, Lab Tech.

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

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

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305526

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004435-02			<10.0		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0305526-04	43.7	952	847	84.4%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0305526-04	43.7	952	883	88.2%	4.2%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004435-05		1000	974	97.4%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305526

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/L	0004437-02			<0.001		
Benzene-mg/kg	0004445-02			<0.025		
Toluene-mg/L	0004437-02			<0.001		
Toluene-mg/kg	0004445-02			<0.025		
Ethylbenzene-mg/L	0004437-02			<0.001		
Ethylbenzene-mg/kg	0004445-02			<0.025		
p/m-Xylene-mg/L	0004437-02			<0.001		
p/m-Xylene-mg/kg	0004445-02			<0.025		
o-Xylene-mg/L	0004437-02			<0.001		
o-Xylene-mg/kg	0004445-02			<0.025		
CONTROL WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0004437-03		0.1	0.094	94.%	
Toluene-mg/L	0004437-03		0.1	0.097	97.%	
Ethylbenzene-mg/L	0004437-03		0.1	0.098	98.%	
p/m-Xylene-mg/L	0004437-03		0.2	0.204	102.%	
o-Xylene-mg/L	0004437-03		0.1	0.094	94.%	
CONTROL DUP WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0004437-04		0.1	0.098	98.%	4.2%
Toluene-mg/L	0004437-04		0.1	0.099	99.%	2.%
Ethylbenzene-mg/L	0004437-04		0.1	0.099	99.%	1.%
p/m-Xylene-mg/L	0004437-04		0.2	0.209	104.5%	2.4%
o-Xylene-mg/L	0004437-04		0.1	0.095	95.%	1.1%
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0305526-04	0	0.1	0.094	94.%	
Toluene-mg/kg	0305526-04	0	0.1	0.099	99.%	
Ethylbenzene-mg/kg	0305526-04	0	0.1	0.100	100.%	
p/m-Xylene-mg/kg	0305526-04	0	0.2	0.209	104.5%	
o-Xylene-mg/kg	0305526-04	0	0.1	0.091	91.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0305526-04	0	0.1	0.089	89.%	5.5%
Toluene-mg/kg	0305526-04	0	0.1	0.094	94.%	5.2%
Ethylbenzene-mg/kg	0305526-04	0	0.1	0.096	96.%	4.1%
p/m-Xylene-mg/kg	0305526-04	0	0.2	0.202	101.%	3.4%
o-Xylene-mg/kg	0305526-04	0	0.1	0.089	89.%	2.2%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/L	0004437-05		0.1	0.096	96.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305526

SRM WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004445-05		0.1	0.091	91.%	
Toluene-mg/L	0004437-05		0.1	0.101	101.%	
Toluene-mg/kg	0004445-05		0.1	0.094	94.%	
Ethylbenzene-mg/L	0004437-05		0.1	0.102	102.%	
Ethylbenzene-mg/kg	0004445-05		0.1	0.094	94.%	
p/m-Xylene-mg/L	0004437-05		0.2	0.218	109.%	
p/m-Xylene-mg/kg	0004445-05		0.2	0.198	99.%	
o-Xylene-mg/L	0004437-05		0.1	0.096	96.%	
o-Xylene-mg/kg	0004445-05		0.1	0.088	88.%	

Duke Energy Field Services

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Pat McCasland / Steve Weathers
Company Name: Duke Energy Field Services
Company Address: PO Box 5493
City/State/Zip: Denver, CO 80217
Telephone No: 505.394.2601 / 303.605.1718
Sampler Signature:

Project Name: A-14
Project #:
Project Loc: Eddy County
PO #: PM12303
Fax No: 505.394.2601 / 303.389.1957

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030	RUSH TAT (Pre-Scheduled)	Standard TAT
030522601	WDA14123035	1-23-03	0900	2	✓		✓					✓											✓	✓	
02	WDA14123035N	1-23-03	0910	2	✓		✓					✓											✓	✓	
03	WDA14 Trip BLK	—	—	1	✓		✓					✓											✓	✓	
04	SDA14123035PC	123-03	0930	1	✓									✓					✓				X	✓	

Special Instructions: Rush
CoC requested FAX Results to PM'C + S. Weathers

Relinquished by:	Date	Time	Received by:	Date	Time
	1-23-03	1100			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				1-23-03	1430

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
Rec 3.5°C.
Water - 2 40 ml glass/ HCl
Soil - 4 oz glass

*Add BTEX to #04 as per P. McCasland