# 2RP-3873 REMEDIATION REPORT Nash Draw Tank Battery #10

Eddy County, New Mexico

LAI Project No. 16-0108-02

March 21, 2017

Prepared for:

XTO Energy, Inc. 500 W. Illinois Ave., Suite 100 Midland, Texas 79707

Prepared by:

Larson & Associates, Inc. 507 North Marienfeld Street, Suite 205 Midland, Texas 79701

Mark J. Larson, P.G.

Certified Professional Geologist #10490



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## 1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this report on behalf of XTO Energy, Inc. (XTO) for submittal to the New Mexico Oil Conservation Division (OCD) District 2, in Artesia, New Mexico and U.S. Bureau of Land Management (BLM) in Carlsbad, New Mexico, to document soil remediation at the Nash Draw #10 tank battery (Site). The Site is located in Unit G (SW/4, NE/4), Section 13, Township 23 South, Range 29 East in Eddy County, New Mexico. The geodetic position is North 32° 18′ 25.95861″ and West 103° 56′ 7.98566″. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

## 1.1 Background

On June 20, 2016, LAI personnel used a Terraprobe<sup>®</sup> direct-push rig to collect soil samples at four (4) locations (DP-02-01 through DP-02-04). Soil samples were collected between ground surface and approximately four (4) feet below ground surface (bgs). A background sample (DP-02-BG) was collected about 80 feet southwest of the Site at approximately 1 foot bgs. The laboratory analysis and initial C-141 were submitted to OCD which assigned remediation permit number 2RP-3873, on September 8, 2016.

On September 28, 2016, LAI personnel supervised a backhoe operated by SDR Enterprises, LLC (SDR), Hobbs, New Mexico, to collect soil samples to delineate impacts observed in samples from DP-02-01 and DP-02-02. On October 19, 2016, LAI personnel supervised Scarborough Drilling, Inc. (SDI), Lamesa, Texas, to collect soil samples with an air rotary rig and jam tube sampler to delineate total petroleum hydrocarbons (TPH) observed in samples from DP-02-02. Table 1 presents the analytical data summary for the assessment soil samples

On November 7, 2016, LAI, on behalf of XTO, submitted a plan OCD District 2 and BLM for approval to remediate impacts to soil based on laboratory analysis of soil samples collected on June 20, 2016, September 28, 2016 and October 19, 2016. On November 10, 2016, OCD District 2 approved the remediation plan. Appendix A presents the OCD approval.

### 1.2 Physical Setting

The physical setting is as follows:

- Elevation is approximately 2,998 feet above mean sea level (AMSL);
- Topography slopes toward the south-southeast;
- The nearest surface water feature is a playa lake (Salt Lake) located about ½ mile west of the Site;
- Surface geology is comprised of unconsolidated Holocene to mid- Pleistocene-age eolian
  and piedmont-slope deposits that are approximately 80 feet thick according to a log from a
  nearby well;
- The Triassic-age Chinle formation of the Dockum group underlies the unconsolidated deposits and is comprised of interbedded sand, clay, and mudstone;

According to State of New Mexico Office of the State Engineer (NMOSE) records a fresh water well is located about 1.25 miles south in Unit J (NW/4, SE/4), Section 24, Township 23 South, Range 29 East with groundwater reported at about 54 feet bgs.

### 1.3 Recommended Remediation Action Levels

Recommended remediation action levels (RRAL) were calculated for benzene, BTEX and TPH based on the following criteria established by the OCD in "Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993":

Criteria	Result	Score
Depth-to-Groundwater	50 - 99 feet	10
Wellhead Protection Area	No	0
Distance to Surface Water Body	>1,000 Horizontal Feet	0

The following RRAL apply to the release for ranking score: 10

Benzene 10 mg/Kg
 BTEX 50 mg/Kg
 TPH 1,000 mg/Kg

## 2.0 REMEDIATION

Soil remediation was performed between November 11 and 29, 2016, according to the plan approved by OCD District 2 on November 10, 2016. SDR, under supervision from LAI, excavated soil from the area of DP-02-01 measuring about 10 x 20 feet to about 1 foot bgs. SDR excavated soil from the area of DP-02-02 measuring about 25 x 35 feet to about 16 feet bgs. Soil samples collected from the excavation sidewalls and bottom were analyzed by Permian Basin Environmental Lab (PBEL) for benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA SW-846 Method 8020B and TPH by EPA SW-846 Method 8015 including GRO (C6 – C12), DRO (>C12 – C28) and ORO (>C28 – C35). PBEL reported benzene below the Method 8020B reporting limit (RL) and BTEX below the RRAL (50 mg/Kg). TPH was reported above the RRAL (1,000 mg/Kg) in soil samples from the east sidewall at 4 feet (4,150 mg/Kg) that required additional excavation to the east approximately ten (10) horizontal feet. A sample collected from east sidewall of the extended excavation on November 21, 2016, confirmed TPH was below the RRAL (<28.7 mg/Kg). TPH was below the RRAL in the remaining sidewall and bottom confirmation samples from the excavation. The excavation was filled with caliche to about 4 feet bgs where a 20 mil thickness polyethylene liner was installed. The remainder of the excavation from 4 feet to ground surface was filled caliche.

Approximately 777 cubic yards of contaminated soil was disposed at Lea Land Landfill, LLC. Table 2 presents the confirmation soil sample analytical data summary. Figure 3 presents the remediation areas. Appendix B presents the confirmation sample laboratory reports. Appendix C presents photographs. Appendix D presents the waste manifests. Appendix E presents the initial and final C-141.

2RP-3873 Remediation Report Nash Draw Tank Battery #10 March 21, 2017

# 3.0 CONCLUSIONS

Soil was remediated according to the remediation plans approved by OCD District 2. XTO requests no further action for 2RP-3873.

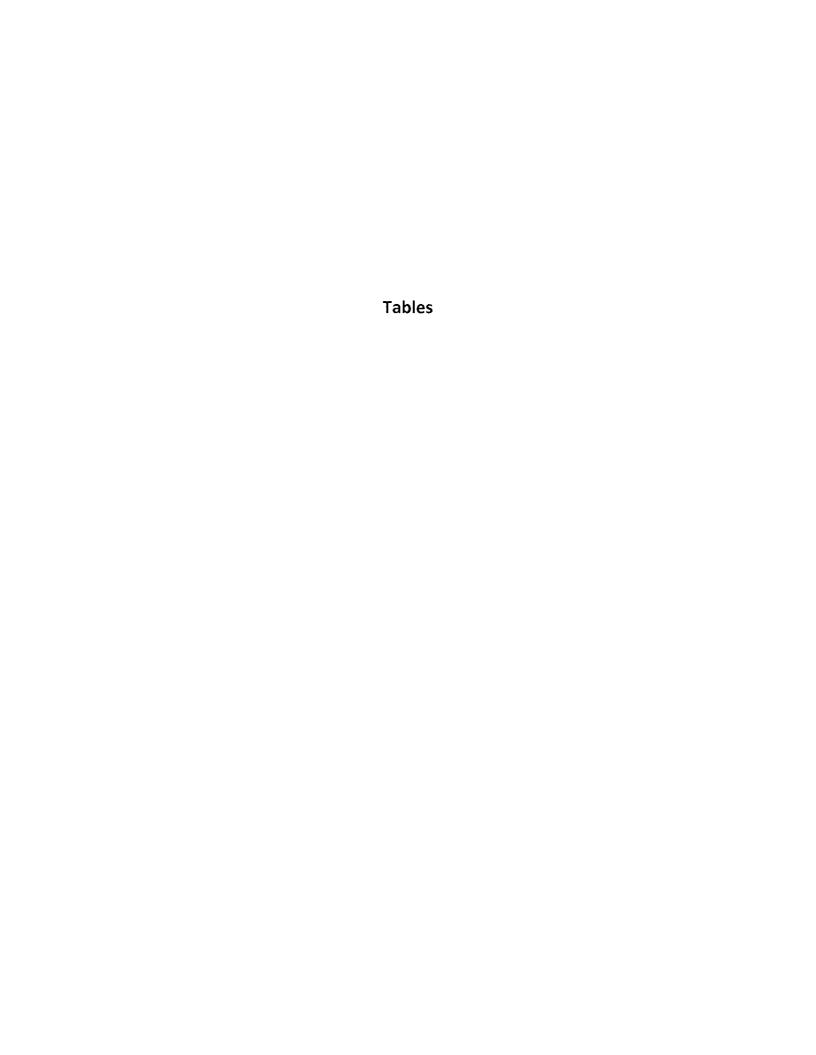


Table 1
2RP-3873
Assessment Soil Sample Analytical Data Summary
XTO Energy, Inc., Nash Draw Tank Battery 10
Unit G (SW/4, NE/4), Section 13, Township 23 South, Range 29 East Eddy County, New Mexico

Location	Depth	Collection	Status	C6 - C12	>C12 - C28	>C28 - C35	ТРН	Chloride
	(Feet)	Date		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
OCD RRAL:							1,000	131811
DP-02-BG	0-1	6/20/2016	In-Situ	<26.3	<26.3	<26.3	<26.3	37.6
DP-02-01	0-1	6/20/2016	Excavated	434	4,780	793	6,007	19.4
	4	9/28/2016	In-Situ	<28.7	62.9	<28.7	62.9	3
	8	9/28/2016	In-Situ	<30.1	43.3	<30.1	43.3	Ĭ
	10	9/28/2016	In-Situ	<26.9	34.6	<26.9	34.6	ı
DP-02-02	0-1	6/20/2016	Excavated	825	6,430	1,201	8,456	457
	1-2	6/20/2016	Excavated	570	2,450	327	3,350	2,220
	4	9/28/2016	Excavated	1,080	2,890	556	4,520	13,600
	8	9/28/2016	Excavated	964	1,970	372	3,310	6,150
	10.5	9/28/2016	Excavated	838	1,070	179	2,090	119
	15	10/19/2016	Excavated	308	739	74.9	1,121.9	ı
	20	10/19/2016	In-Situ	39.2	210	36.6	285.8	1
	25	10/19/2016	In-Situ	Ĩ	Î	I	ſ	1
DP-02-03	0-1	6/20/2016	In-Situ	<26.6	53	<26.6	53	36.5
	1-2	6/20/2016	In-Situ	1	Ĭ	Ĭ	ŀ	1
	2-3	6/20/2016	In-Situ			13.11		ſ
	3 - 4	6/20/2016	In-Situ	Ī	ı	f	1	1

Table 1 2RP-3874 Investigation Soil Sample Analytical Data Summary
XTO Energy, Inc., Nash Draw Tank Battery 19 and 34
Unit J (NE/4, SW/4), Section 12, Township 23 South, Range 29 East
Eddy County, New Mexico

N32.316944° W-103.936667°

	TPH (mg/Kg)	100	683	26,500	<27.2	25,630	396.4	104.2	<29.8	994	<28.7	<29.8	Ĭ	456.4	7,306	1,680	124.7	200.7
	>C28 - C35 (mg/Kg)		115	3,060	<27.2	5,330	71.2	<28.7	<29.8	244	<28.7	<29.8	<u> </u>	97.4	1,560	254	<28.1	98.7
	>C12 - C28 (mg/Kg)		547	21,400	<27.2	20,300	286	31.7	<29.8	750	<28.7	<29.8	T T	329	5,530	1,400	87.2	102
TODOCC:COT A	C6 - C12 (mg/Kg)		31	1,970	<27.2	<139	39.2	72.5	<29.8	<28.4	<28.7	<29.8	Ì	<27.5	216	33.0	37.5	<27.8
H-COTC:3CN	Status		In-Situ															
	Collection		6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016	6/22/2016
	Depth (Feet)		0-1	1-2	2-3	0-1	1-2	2-3	3 - 4	0 - 1	1-2	2 - 3	3-4	0-1	0-1	1-2	2 - 3	0 - 1
i k	Location	OCD RRAL:	DP-07-01			DP-07-02				DP-07-03				DP-07-04	DP-07-05			DP-07-06

Unit G (SW/4, NE/4), Section 13, Township 23 South, Range 29 East Assessment Soil Sample Analytical Data Summary XTO Energy, Inc., Nash Draw Tank Battery 10 Eddy County, New Mexico 2RP-3873 Table 1

Location	Depth	Collection	Status	C6 - C12	>C12 - C28	>C28 - C35	ТРН	Chloride
	(Feet)	Date		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
OCD RRAL:							1,000	
DP-02-04	0-1	6/20/2016	In-Situ	<26.6	<26.6	<26.6	<26.6	6.89
	1-2	6/20/2016	In-Situ	Ē	1	1	ı	1
	2-3	6/20/2016	In-Situ	1	ļ		Į	<u> </u>
	3 - 4	6/20/2016	In-Situ	1	1	4	1	

Notes: laboratory analysis performed by Permian Basin Environmental Lab, Midland, Texas, by EPA SW-846 method 8015M (TPH) and 300.0 (chloride) Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram equivalent to parts per million (ppm) RRAL: Remediation action level calculated from OCD guidence document (August 13, 1993)

P: analysis pending

Unit G (SW/4, NE/4), Section 13, Township 23 South, Range 29 East Confirmation Soil Sample Analytical Data Summary XTO Energy, Inc., Nash Draw Tank Battery 10 Eddy County, New Mexico 2RP-3873 Table 2

Location	Sidewall	Depth	Collection	Status	Benzene	BTEX	C6 - C12	>C12 - C28	>C28 - C35	TPH
		(Feet)	Date		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
OCD RRAL:					10	20				1,000
DP-02-02	North	4	11/11/2016	In-Situ	<0.00118	<0.01	<29.4	<29.4	<29.4	<29.4
		12	11/11/2016	In-Situ	<0.00106	<0.01	53.3	338	34.4	425.70
		16	11/11/2016	In-Situ	<0.00108	0.04	201	647	92.5	940.50
	East	4	11/11/2016	Excavated	<0.00111	0.03	382	3,330	439	4,150
	(Sidewall)	4	11/21/2016	In-Situ	1		<28.7	<28.7	<28.7	<28.7
	(Bottom)	8	11/16/2016	In-Situ	<0.00111	<0.00777	<27.8	<27.8	<27.8	<27.8
		12	11/11/2016	In-Situ	<0.00111	<0.00777	<27.8	<27.8	<27.8	<27.8
		16	11/11/2016	In-Situ	<0.00109	<0.00761	<27.2	<27.2	<27.2	<27.2
	South	4	11/11/2016	In-Situ	<0.00112	<0.00786	<28.1	<28.1	<28.1	<28.1
		12	11/11/2016	In-Situ	<0.00110	<0.0077	<27.5	<27.5	<27.5	<27.5
		16	11/11/2016	In-Situ	<0.00109	<0.00761	<27.2	<27.2	<27.2	<27.2
	West	4	11/11/2016	In-Situ	<0.00119	<0.00833	<29.8	<29.8	<29.8	<29.8
		12	11/11/2016	In-Situ	<0.00119	<0.00833	<27.2	<27.2	<27.2	<27.2
		16	11/11/2016	In-Situ	<0.00108	<0.00754	<26.9	<26.9	<26.9	<26.9

Notes: laboratory analysis performed by Permian Basin Environmental Lab, Midland, Texas, by EPA SW-846 Methods 8021B (BTEX) and 8015M (TPH)
Depth in feet below ground surface (bgs)
mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)
RRAL: Remediation action level calculated from OCD guidence document (August 13, 1993)
P: Denotes laboratory results pending



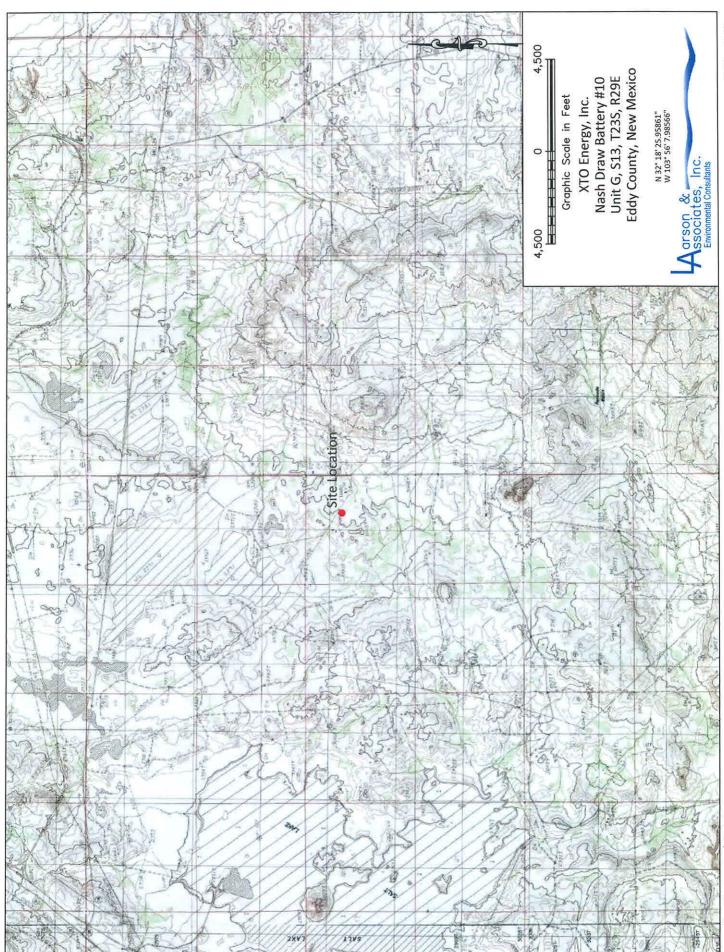


Figure 1 - Topographic Map

Figure 2 - Aerial Map

Figure 3 - Site Map Showing Excavation and Sample Locations

11" x 8.5"

# Appendix A Remediation Plan Approval

From:

Patterson, Heather, EMNRD [Heather.Patterson@state.nm.us]

Sent:

Thursday, November 10, 2016 1:33 PM

To:

Mark Larson; Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD;

hprice@blm.gov

Cc:

McMinn, Dudley; Williams, Luke

Subject:

RE: 2RP-3873, Remediation Plan, Nash Draw Tank Battery #10, November 2,

2016

RE: XTO \* Nash Draw Unit Battery #10 \* 30-015-26992 \* 2RP-3873

Mark,

Your remediation proposal for the above referenced release is approved.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Mark Larson [mailto:Mark@laenvironmental.com]

Sent: Monday, November 07, 2016 6:36 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; hprice@blm.gov

Cc: McMinn, Dudley; Williams, Luke

Subject: Re: 2RP-3873, Remediation Plan, Nash Draw Tank Battery #10, November 2, 2016

### All,

Please find attached remediation plan for the Nash Draw Tank Battery #10. The plan was revised to include BTEX in excavation samples, where applicable, and the laboratory report for soil samples collected on September 28, 2016. Remediation will commence on Tuesday, November 8, 2016, per our verbal discussion and approval yesterday. Please contact Dudley McMinn with XTO at (432) 682-8873 or me if you have questions.

Respectfully,

Mark J. Larson, P.G.
President/Sr. Project Manager
507 N. Marienfeld St., Suite 205
Midland, Texas 79701
Office – 432-687-0901
Cell – 432-556-8656
Fax – 432-687-0456
mark@laenvironmental.com

# Appendix B Laboratory Reports

# PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



# Analytical Report

# **Prepared for:**

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Nash Draw Battery #10
Project Number: 16-0108-02
Location: Eddy Co, NM

Lab Order Number: 6K14001



NELAP/TCEQ # T104704156-13-3

Report Date: 11/15/16

Project: Nash Draw Battery #10

Project Number: 16-0108-02

P.O. Box 50685 Midland TX, 79710

Project Manager: Mark Larson

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-02-02, N4	6K14001-01	Soil	11/11/16 10:45	11-11-2016 16:00
DP-02-02, N12	6K14001-02	Soil	11/11/16 10:55	11-11-2016 16:00
DP-02-02, N16	6K14001-03	Soil	11/11/16 11:00	11-11-2016 16:00
DP-02-02, E4	6K14001-04	Soil	11/11/16 10:29	11-11-2016 16:00
DP-02-02, E12	6K14001-05	Soil	11/11/16 10:30	11-11-2016 16:00
DP-02-02, E16	6K14001-06	Soil	11/11/16 10:35	11-11-2016 16:00
DP-02-02, S4	6K14001-07	Soil	11/11/16 10:10	11-11-2016 16:00
DP-02-02, S12	6K14001-08	Soil	11/11/16 10:14	11-11-2016 16:00
DP-02-02, S16	6K14001-09	Soil	11/11/16 10:25	11-11-2016 16:00
DP-02-02, W4	6K14001-10	Soil	11/11/16 09:35	11-11-2016 16:00
DP-02-02, W12	6K14001-11	Soil	11/11/16 09:46	11-11-2016 16:00
DP-02-02, W16	6K14001-12	Soil	11/11/16 10:00	11-11-2016 16:00

Fax: (432) 687-0456

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02 Project Manager: Mark Larson Fax: (432) 687-0456

DP-02-02, N4 6K14001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
		***************************************	Invironment						
	Feli	man basin c	ruvironiment	ai Lab, i	∠. <b>r</b> .				
Organics by GC									
Benzene	ND	0.00118	mg/kg dry	ı	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00235	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00118	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00235	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		76.0 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		78.5 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	Standard Metho	ds							
% Moisture	15.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 8	015M							
C6-C12	ND	29.4	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
>C12-C28	ND	29.4	mg∕kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
Surrogate: 1-Chlorooctane		79.7 %	70-13	0	P6K1503	11/14/16	11/14/16	TPH 8015M	
Surrogate: o-Terphenyl		92.0 %	70-13	0	P6K1503	11/14/16	11/14/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	29.4	mg/kg dry	1	[CALC]	11/14/16	11/14/16	calc	

inc.

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #10

Project Number: 16-0108-02

Project Manager: Mark Larson

DP-02-02, N12 6K14001-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	No
		nian Basin E							
Organics by GC	1 611	man basin r	invitoninen	iai 1.7aD, 1	L.F.				
Benzene	ND	0.00106	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	***************************************
Toluene	ND	0.00213	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.2 %	75-12	.5	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		83.1 %	75-12		P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EP		ds					·		
% Moisture	6.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 8	015M							
C6-C12	53.3	26.6	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
>C12-C28	338	26.6	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
>C28-C35	34.4	26.6	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
Surrogate: 1-Chlorooctane		76.0 %	70-13	0	P6K1503	11/14/16	11/14/16	TPH 8015M	
Surrogate: o-Terphenyl		89.8 %	70-13	0	P6K1503	11/14/16	11/14/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	425	26.6	mg/kg dry	1	[CALC]	11/14/16	11/14/16	calc	

Fax: (432) 687-0456

Project: Nash Draw Battery #10

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-02 Project Manager: Mark Larson

> DP-02-02, N16 6K14001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Peri	nian Basin E	invironmen	tal Lab, l	L. <b>P</b> .				
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00215	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	0.0141	0.00108	mg/kg dry	ì	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	0.0175	0.00215	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (0)	0.00377	0.00108	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.7 %	75-1	25	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		75.5 %	75-1	25	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Metho	ds							
% Moisture	7.0	0.1	%	I	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 8	015M							
C6-C12	201	26.9	mg/kg dry	1	P6K1503	11/14/16	11/15/16	TPH 8015M	
>C12-C28	647	26.9	mg/kg dry	1	P6K1503	11/14/16	11/15/16	TPH 8015M	
>C28-C35	92.5	26.9	mg/kg dry	1	P6K1503	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		86.5 %	70-1	30	P6K1503	11/14/16	11/15/16	TPH 8015M	
Surrogate: o-Terphenyl		99.2 %	70-1	30	P6K1503	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	940	26.9	mg/kg dry	l	[CALC]	11/14/16	11/15/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685

Project Number: 16-0108-02

Fax: (432) 687-0456

Midland TX, 79710

Project Manager: Mark Larson

# DP-02-02, E4 6K14001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Datah	Branges	Amahusad	Method	Notes
линус	Result	Limit	Onts	מסוונותכו	Batch	Prepared	Analyzed	McHod	Notes
	Perr	nian Basin E	Invironmer	ital Lab, l	L.P.				
Organics by GC				·					
Benzene	ND	0.00111	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00222	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	0.0130	0.00111	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	0.0164	0.00222	mg∕kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	0.00304	0.00111	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		70.6 %	75-1	25	P6K1401	11/14/16	11/14/16	EPA 8021B	S-GC
Surrogate: 4-Bromofluorobenzene		90.7 %	75-1	25	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EP	'A / Standard Metho	ds							
% Moisture	10.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 8	015M							
C6-C12	382	27.8	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
>C12-C28	3330	27.8	mg/kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
>C28-C35	439	27.8	mg∕kg dry	1	P6K1503	11/14/16	11/14/16	TPH 8015M	
Surrogate: 1-Chlorooctane		68.3 %	70-1	30	P6K1503	11/14/16	11/14/16	TPH 8015M	S-G0
Surrogate: o-Terphenyl		72.6 %	70-1	30	P6K1503	11/14/16	11/14/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	4150	27.8	mg∕kg dry	1	[CALC]	11/14/16	11/14/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685

Midland TX, 79710

Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

# DP-02-02, E12 6K14001-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Invironmen	tal Lab, I	<b>∠.P.</b>				
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P6K 1401	11/14/16	11/14/16	EPA 8021B	
Foluene	ND	0.00222	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	ı	P6K1401	11/14/16	11/14/16	EPA 8021B	
Kylene (p/m)	ND	0.00222	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorohenzene		79.7 %	75-17	25	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		70.6 %	75-12	25	P6K1401	11/14/16	11/14/16	EPA 8021B	S-GC
General Chemistry Parameters by EPA	Standard Method	ds							
% Moisture	10.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 I	oy EPA Method 8	015M							
C6-C12	ND	27.8	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
C12-C28	ND	27.8	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	Ī	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		67.1 %	70-1.	30	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		78.6 %	70-1.	30	P6K1504	11/14/16	11/15/16	TPH 8015M	
Fotal Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

# DP-02-02, E16 6K14001-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Environment	al Lab, l	J.P.				
Organics by GC									
Benzene	ND	0.00109	mg∕kg đry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	ī	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.8 %	75-12.	5	P6K1401	17/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		72.0 %	75-12.	5	P6K1401	11/14/16	11/14/16	EPA 8021B	S-GC
General Chemistry Parameters by EPA	/ Standard Metho	ds							
% Moisture	8.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 8	015M							
C6-C12	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		67.0 %	70-130	9	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		80.4 %	70-13	9	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685

Project Number: 16-0108-02

Midland TX, 79710

Project Manager: Mark Larson

# DP-02-02, S4 6K14001-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	nvironment	al Lab, I	J.P.				
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg∕kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		70.0 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	S-GC
Surrogate: 4-Bromofluorobenzene		78.8 %	75-12.	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	Standard Method	is			<u> </u>				
% Moisture	11.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 J	by EPA Method 80	)15M					****		
C6-C12	ND	28.1	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		70.8 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: o-Terphenyl		84.3 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/14/16	11/15/16	cale	

Fax: (432) 687-0456

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

# DP-02-02, S12 6K14001-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Invironment	al Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00220	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	ı	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg∕kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorohenzene		80.1 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.5 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	Standard Metho	ds							
% Moisture	9.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 8	015M							
C6-C12	ND	27.5	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		66.5 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		79.4 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02 Project Manager: Mark Larson Fax: (432) 687-0456

# DP-02-02, S16 6K14001-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	Environment	al Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		75.6 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorohenzene		80.0 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Metho	ds							
% Moisture	8.0	0.1	%	I	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 8	015M							
C6-C12	ND	27.2	mg/kg dry	ı	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		61.5 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		75.9 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #10

Project Number: 16-0108-02

Project Manager: Mark Larson

DP-02-02, W4 6K14001-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin E	Invironmer	ıtal Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.00119	mg/kg dry	1	P6K 1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00238	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00119	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		80.9 %	75-1	25	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.4 %	75-1	25	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Metho	ds							
% Moisture	16.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 8	015M							
C6-C12	ND	29.8	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		64.6 %	70-1	30	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		79.9 %	70-1	30	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

Fax: (432) 687-0456

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02 Project Manager: Mark Larson Fax: (432) 687-0456

DP-02-02, W12 6K14001-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Environment	al Lab, l	Ĺ.P.				
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg∕kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77,7 %	75-12.	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.1 %	75-12.	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Metho	ds							
% Moisture	8.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 8	015M							
C6-C12	ND	27.2	mg/kg dry	I	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		58.6 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		73.5 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

# DP-02-02, W16 6K14001-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	Environment	al Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Toluene	ND	0.00215	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	i	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		81.5 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
Surragate: 4-Bromofluorobenzene		79.5 %	75-12	5	P6K1401	11/14/16	11/14/16	EPA 8021B	
General Chemistry Parameters by EPA	Standard Method	ds			*****				
% Moisture	7.0	0.1	%	1	P6K1505	11/15/16	11/15/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 l	by EPA Method 8	015M							
C6-C12	ND	26.9	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P6K1504	11/14/16	11/15/16	TPH 8015M	
Surrogate: 1-Chlorooctane		61.5 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		77.1 %	70-13	0	P6K1504	11/14/16	11/15/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	11/14/16	11/15/16	calc	

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

# Organics by GC - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6K1401 - General Preparation	n (GC)									
Blank (P6K1401-BLK1)				Prepared &	: Analyzed:	11/14/16				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	U							
Ethylbenzene	ND	0.00100	13							
Xylene (p/m)	ND	0.00200	н							
Xylene (o)	ND	0.00100	и							
Surrogate: 1,4-Difluorobenzene	0.0567		"	0.0800		70.9	75-125			S-GC
Surrogate: 4-Bromofluorobenzene	0.0619		и	0.0800		77.4	75-125			
LCS (P6K1401-BS1)				Prepared &	Analyzed:	11/14/16				
Benzene	0.0868	0.00100	mg/kg wet	0.100		86.8	70-130			
Toluene	0.0915	0.00200	р	0.100		91.5	70-130			
Ethylbenzene	0.104	0.00100	н	0.100		104	70-130			
Xylene (p/m)	0.191	0.00200	я	0.200		95.5	70-130			
Xylene (o)	0.0940	0.00100	н	0.100		94.0	70-130			
Surrogate: 1,4-Difluorobenzene	0.0606		"	0.0800		75.7	75-125		** ************************************	
Surrogate: 4-Bromofluorobenzene	0.0635		n	0.0800		79.4	75-125			
LCS Dup (P6K1401-BSD1)				Prepared &	Analyzed:	11/14/16				
Benzene	0.0861	0.00100	mg/kg wet	0.100		86.1	70-130	0.879	20	
Toluene	0.0927	0.00200	н	0.100		92.7	70-130	1.33	20	
Ethylbenzene	0.109	0.00100	и	0.100		109	70-130	4.75	20	
Xylene (p/m)	0.194	0.00200	u	0.200		96.9	70-130	1.48	20	
Xylene (o)	0.0963	0.00100	u	0.100		96.3	70-130	2.48	20	
Surrogate: 1,4-Difluorobenzene	0.0610		'n	0.0800		76.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.0660		4	0.0800		82.5	75-125			
Matrix Spike (P6K1401-MS1)	Sou	rce: 6K14001	1-01	Prepared &	Analyzed	: 11/14/16				
Benzene	0.140	0.00118	mg/kg dry	0.235	ND	59.4	80-120			QM-0
Toluene	0.149	0.00235	•	0.235	ND	63.2	80-120			QM-01
Ethylbenzene	0.153	0.00118	49	0.235	ND	64.8	80-120			QM-0
Xylene (p/m)	0.292	0.00235	0	0.471	ND	62.1	80-120			QM-0
Xylene (o)	0.151	0.00118	•	0.235	ND	64.0	80-120			QM-0
Surrogate: 4-Bromofluorobenzene	0.0774		н	0.0941		82.2	75-125			
Surrogate: 1,4-Difluorobenzene	0.0725		и	0.0941		77.0	75-125			

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #10

Fax: (432) 687-0456

Project Number: 16-0108-02 Project Manager: Mark Larson

Organics by GC - Quality Control Permian Basin Environmental Lab, L.P.

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

Batch	P6K1401 -	<ul> <li>General Preparation (GC)</li> </ul>	

Matrix Spike Dup (P6K1401-MSD1)	Soui	rce: 6K14001	1-01	Prepared &	Analyzed:	11/14/16				
Benzene	0.149	0.00118	mg∕kg dry	0.235	ND	63.1	80-120	6.16	20	QM-07
Toluene	0.154	0.00235	n	0.235	ND	65.6	80-120	3.76	20	QM-07
Ethylbenzene	0.163	0.00118	и	0.235	ND	69.4	80-120	6.74	20	QM-07
Xylene (p/m)	0.307	0.00235	II .	0.471	ND	65.2	80-120	4.94	20	QM-07
Xylene (o)	0.161	0.00118	4	0.235	ND	68.3	80-120	6.50	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.0799		<i>n</i>	0.0941		84.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.0762		er	0.0941		81.0	75-125			

Fax: (432) 687-0456 Larson & Associates, Inc. Project: Nash Draw Battery #10

P.O. Box 50685 Project Number: 16-0108-02 Midland TX, 79710 Project Manager: Mark Larson

# General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6K1505 - *** DEFAULT PREP ***										
Blank (P6K1505-BLK1)				Prepared &	¿ Analyzed:	11/15/16				
% Moisture	ND	0.1	%						••••	
Duplicate (P6K1505-DUP1)	Sou	rce: 6K14002-	12	Prepared &	k Analyzed:	11/15/16				

10.0

9.52

20

11.0

0.1

% Moisture

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6K1503 - TX 1005										
Blank (P6K1503-BLK1)				Prepared &	Analyzed:	11/14/16				
C6-C12	ND	25.0	mg/kg wet		- 1					
>C12-C28	ND	25.0	11							
>C28-C35	ND	25.0	41							
Surrogate: 1-Chlorooctane	105		u	100		105	70-130			,
Surrogate: o-Terphenyl	62.1		"	50.0		124	70-130			
LCS (P6K1503-BS1)		Prepared & Analyzed: 11/14/16								
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125			
>C12-C28	975	25.0	11	1000		97.5	75-125			
Surrogate: 1-Chlorooctane	119		n	100		119	70-130			
Surrogate: o-Terphenyl	60.1		"	50.0		120	70-130			
LCS Dup (P6K1503-BSD1)						Prepared & Analyzed: 11/14/16				
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125	1.51	20	
>C12-C28	971	25.0	п	1000		97.1	75-125	0.429	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	61.5		n	50.0		123	70-130			
Matrix Spike (P6K1503-MS1)	Source: 6K11908-12			Prepared & Analyzed: 11/14/16						
C6-C12	820	27.2	mg/kg dry	1090	ND	75.4	75-125			
>C12-C28	885	27.2	n	1090	19.6	79.6	75-125			
Surrogate: 1-Chlorooctane	88.9		и	109		81.8	70-130	.,, ,		
Surrogate: o-Terphenyl	40.5		u	54.3		74.6	70-130			
Matrix Spike Dup (P6K1503-MSD1)	Source: 6K11008-12			Prepared: 11/14/16 Analyzed: 11/15/16						
C6-C12	1170	27.2	mg/kg dry	1090	ND	107	75-125	34.9	20	
>C12-C28	1170	27.2	"	1090	19.6	106	75-125	28.2	20	
Surrogate: 1-Chlorooctane	120	************		109		110	70-130			
Surrogate: o-Terphenyl	56.1		it	54.3		103	70-130			

Larson & Associates, Inc. Project: Nash Draw Battery #10 Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-02
Midland TX, 79710 Project Manager: Mark Larson

# Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

	15 /	Reporting		Spike	Source	0.075	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6K1504 - TX 1005										
Blank (P6K1504-BLK1)				Prepared:	11/14/16 A	nalyzed: 11	/15/16			
C6-C12	ND	25.0	mg⁄kg wet							
>C12-C28	ND	25.0	0							
>C28-C35	ND	25.0	41							
Surrogate: 1-Chlorooctana	115		4	100		115	70-130			
Surrogate: o-Terphenyl	70.5		п	50.0		141	70-130			S-G(
LCS (P6K1504-BS1)				Prepared:	11/14/16 A	nalyzed: 11	/15/16			
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125			
>C12-C28	1050	25.0	ii.	1000		105	75-125			
Surrogate: 1-Chlorooctane	122		н	100	······································	122	70-130			
Surrogate: o-Terphenyl	64.4		"	50.0		129	70-130			
LCS Dup (P6K1504-BSD1)				Prepared:	11/14/16 A	nalyzed: 11	/15/16			
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125	1.74	20	
>C12-C28	1040	25.0	u u	1000		104	75-125	1.44	20	
Surrogate: 1-Chlorooctane	113		н	100		113	70-130			
Surrogate: o-Terphenyl	64.4		"	50.0		129	70-130			
Matrix Spike (P6K1504-MS1)	Sou	rce: 6K14002	2-09	Prepared:	11/14/16 A	nalyzed: 11	/15/16			
C6-C12	1030	26.6	mg/kg dry	1060	24.4	94.1	75-125			
>C12-C28	1040	26.6	U	1060	ND	98.0	75-125			
Surrogate: 1-Chlorooctane	111		<i>n</i>	106		104	70-130			
Surrogate: o-Terphenyl	51.8		н	53.2		97.4	70-130			
Matrix Spike Dup (P6K1504-MSD1)	Sou	rce: 6K14002	2-09	Prepared:	11/14/16 A	nalyzed: 11	1/15/16			
C6-C12	1040	26.6	mg/kg dry	1060	24.4	95.5	75-125	1.44	20	
>C12-C28	1070	26.6	o	1060	ND	101	75-125	2.51	20	
Surrogate: 1-Chlorooctane	114		<i>"</i>	106		107	70-130			
Surrogate: o-Terphenyl	48.2		н	53.2		90.7	70-130			

Larson & Associates, Inc. Project: Nash Draw Battery #10 Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-02 Midland TX, 79710 Project Manager: Mark Larson

#### Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

R The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

BULK Samples received in Bulk soil containers

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

	1 2 1 1 1 1		
Report Approved By:		Date:	11/15/2016

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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 Permian Basin Environmental Lab.

Larson & Associates, Inc.

Project: Nash Draw Battery #10

Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-02 Midland TX, 79710 Project Manager: Mark Larson

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 Permian Basin Environmental Lab.

000 **ソウ タイ** RELINQUISHED BY:(Signature) TOTAL RELINQUISHED BY:(Signature) REMOUISHED DY:(Signature) DP-02-02,NA TIME ZONE: Time zone/State: Data Reported to: コシでコ ☐Yes Y No TRRP report? Field Sample I.D. arson & SOCIQTES, Inc. 3 W 12 2 200 S s 4 TI TI 17 4-なが 2 N12 BELAN W=WATER S=SOIL Lab# 1/1/1/ Date P=PAINT OT=OTHER SL=SLUDGE DATE/TIME 0935 37.50 8 **625** OS O 3 1030 500 1045 DATE/TIME 03 **F29** ATE/TIME Time 15:55 RECEIVED BY: (Signature) Matrix RECEIVED BY: (Signature) RECEIVED BY: (Signature 507 N. Marienfeld, Ste. 200 # of Containers Midland, TX 79701 HCI PRESERVATION 432-687-0901 HNO<sub>3</sub> H₂SO₂ Q NaOH Q 7 ₹ ICE UNPRESERVED ( < < LAI PROJECT #: 16 -PROJECT LOCATION OR NAME: Nahlow 19thy 10/Eddy CO DATE: 7 1 DAY D OTHER [] NORMAL [] TURN AROUND TIME \_ 1 0108-02 2016 CARRIER BILL # A HAND DELIVERED LABORATORY USE ONLY: CUSTODY SEALS - G BROKEN G INTACT D NOT USED RECEIVING TEMP: 4.2 CHAIN-OF-CUST COLLECTOR: THERM # PAGE ! 23 FIELD NOTES ξ

Page 22 of 22

### PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



# Analytical Report

#### Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Nash Draw Battery #10 Project Number: 16-0108-02

Location: NM

Lab Order Number: 6K22002



NELAP/TCEQ # T104704156-13-3

Report Date: 11/23/16

Project: Nash Draw Battery #10

P.O. Box 50685

Project Number: 16-0108-02

Fax: (432) 687-0456

Midland TX, 79710

Project Manager: Mark Larson

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-02-02-E4	6K22002-01	Soil	11/21/16 11:40	11-22-2016 09:06

Project: Nash Draw Battery #10

P.O. Box 50685

Project Number: 16-0108-02

Fax: (432) 687-0456

Midland TX, 79710

Project Manager: Mark Larson

#### DP-02-02-E4 6K22002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	Invironmen	tal Lab, l	L.P.				
General Chemistry Parameters by EPA	Standard Method	s							
% Moisture	13.0	0.1	%	1	P6K2301	11/23/16	11/23/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 I	oy EPA Method 80	)15M							
C6-C12	ND	28.7	mg/kg dry	1	P6K2305	11/22/16	11/23/16	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	I	P6K2305	11/22/16	11/23/16	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P6K2305	11/22/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane		70.6 %	70-1	30	P6K2305	11/22/16	11/23/16	TPH 8015M	
Surrogate: o-Terphenyl		84.9 %	70-1	30	P6K2305	11/22/16	11/23/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	11/22/16	11/23/16	cale	

Project: Nash Draw Battery #10

P.O. Box 50685

Project Number: 16-0108-02

Fax: (432) 687-0456

Midland TX, 79710 Project Manager: Mark Larson

### General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6K2301 - *** DEFAULT PREP ***										
Blank (P6K2301-BLK1)				Prepared &	: Analyzed:	11/23/16				•
% Moisture	ND	0.1	%						,	
Duplicate (P6K2301-DUP1)	Sour	ce: 6K22001-	05	Prepared &						
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P6K2301-DUP2)	Sour	ce: 6K22006-2	23	Prepared &	: Analyzed:	11/23/16				
% Moisture	9.0	0.1	%		10.0			10.5	20	

Project: Nash Draw Battery #10

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-02

Fax: (432) 687-0456

Project Manager: Mark Larson

### Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control Permian Basin Environmental Lab, L.P.

				***************************************						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6K2305 - TX 1005					***************************************		······································			····
Blank (P6K2305-BLK1)				Prepared:	11/22/16 A	nalyzed: 11	/23/16			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	н							
>C28-C35	ND	25.0	н							
Surrogate: 1-Chlorooctane	88.9		a	100		88.9	70-130			
Surrogate: o-Terphenyl	53.9		"	50.0		108	70-130			
LCS (P6K2305-BS1)				Prepared:	11/22/16 A	nalyzed: 11	/23/16			
C6-C12	928	25.0	mg/kg wet	1000		92.8	75-125			
>C12-C28	1040	25.0	n	1000		104	75-125			
Surrogate: I-Chlorooctane	116		4	100		116	70-130			
Surrogate: o-Terphenyl	58.4			50.0		117	70-130			

Larson & Associates, Inc. Project: Nash Draw Battery #10 Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-02 Midland TX, 79710 Project Manager: Mark Larson

#### **Notes and Definitions**

BULK	Samples received in Bulk soil containers
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
Dun	Duplicate

D	The state of the state of the	<b>.</b>	
Report Approved By:		- Date:	11/23/2016

Brent Barron, Laboratory Director/Technical Director

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.

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Permian Basin Environmental Lab, L.P.

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 Permian Basin Environmental Lab.

HAND DELIVERED				9	PBE
	OTHER 🖸	$\mathcal{U}^{\mathrm{IFTME}}$ $q_{:0}$ RECEIVED BY: (Signature)	10:6 aminated 10:01	ISHED RY:(Signature)	RELINQUISHER
CUSTODY SEALS - D BROKEN MINTACT D NOT USED	1 DAY C	RECEIVED BY: (Signature)	DATE/TIME	ISHED BY:(Signafure)	REMNQUI
ON.	TURN AROUND TIME	RECEIVED BY: (Signature)	DATE/TIME	RELINQUISHED BY:(Signature)	RELINQUI
					TOTAL
					-
	1				
					-
			11-21-16 11:40 5	)P-02-02-EH II-2	P-02.
		# of Conta HCI HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> □ ICE UNPRES OR PROPERTY OF THE PROPERTY	Date Time Matrix	.D. Lab#	Field Sample I.D.
S RCRA SO	\$\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NaOH □ ERVED		,	TIME ZONE: Time zone/State:
PRINCE D		PRESERVATION	P=PAINT SL=SLUDGE OT=OTHER		TRRP report?
AB WORK XTO N	PO#: PROJECT LOCATION OR N. LAI PROJECT #: 16-01	507 N. Marienteld, Ste. 200 PO #: Midland, TX 79701 PROJI 432-687-0901 LAI PF		A GISON & SSOCIATES, INC. Environmental Consultants Data Reported to: Mark Larson	OI SSI Emv
PAGE OF	11-22-16	DATE:			-
CHAIN-OF-CUSTC			700	JOH JOUL	
			<b>リンハー</b>	~ ~ こ く	

Appendix C

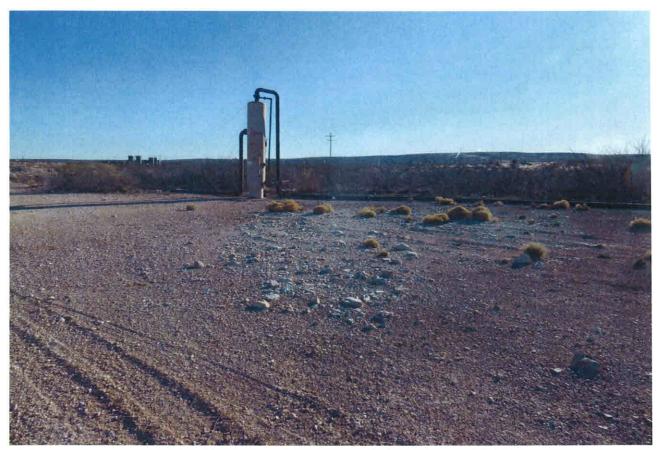
**Photographs** 



Location Sign



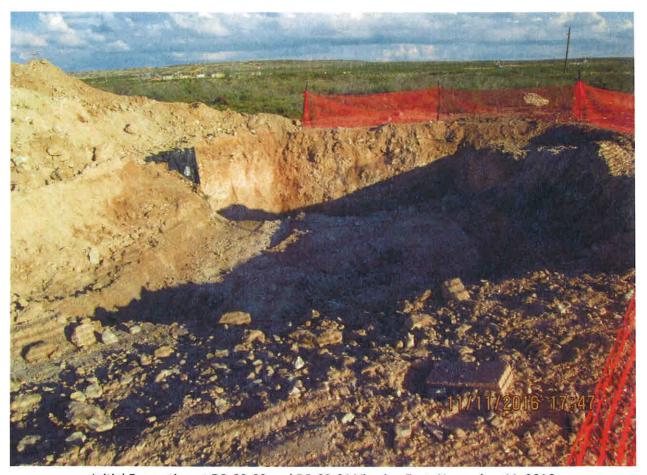
Location Viewing South Prior to Remediation, February 3, 2016



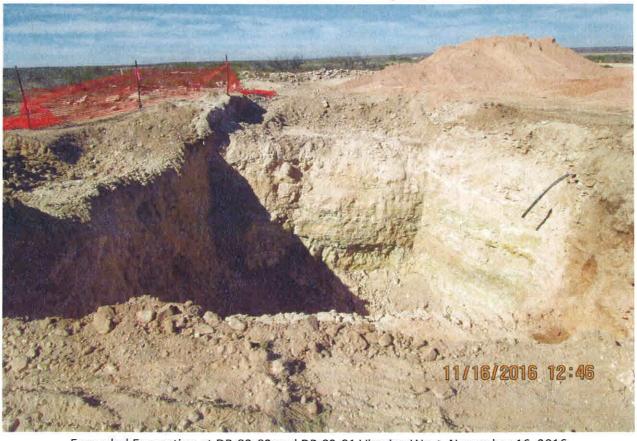
Location Viewing East Prior to Remediation, February 3, 2016



Initial Excavation at DP-02-02 and DP-02-01 Viewing West, November 11, 2016



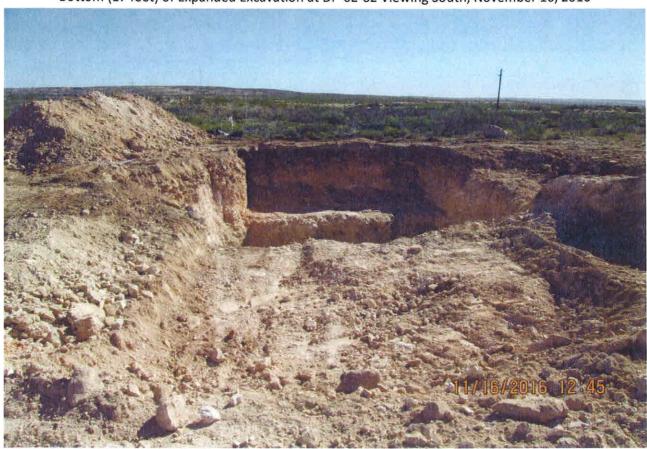
Initial Excavation at DP-02-02 and DP-02-01 Viewing East, November 11, 2016



Expanded Excavation at DP-02-02 and DP-02-01 Viewing West, November 16, 2016



Bottom (17 feet) of Expanded Excavation at DP-02-02 Viewing South, November 16, 2016



Expanded Excavation at DP-02-02 and DP-02-01 Viewing East, November 16, 2016



Liner Installed in Excavation DP-02-02 (4 feet) Viewing East, November 28, 2016



Liner Installed in Excavation DP-02-02 (4 feet) Viewing North, November 28, 2016



Completed Remediation Viewing South, November 29, 2016



Completed Remediation Viewing East, November 29, 2016

# Appendix D Waste Manifests

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NOI	N-HAZARDOUS WASTE MANIF	EST	NO	116168	1. PAG	E_OF_	2. TRAIL	2. TRAILER NO.					
6	3. COMPANY NAME	4. ADDRE	ESS			5. P.	CK-UP DATE		(37/6)				
G	PHONE NO.	CITY		CTATE		70 6 7	NRCC I.D. NO	Sept.	Marie				
	THOME NO.	CITY		STATE		IP 6. T	NRCC I.D. NO	Ned Se					
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CONT	A STATE OF THE STA	9. TOTAL	10. UNIT	11. TEXAS				
N	a.				No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#				
	<b>b</b> .		and the		E PS	700							
E		NET.					dia de						
R	d. 4. 4. 1	273											
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			Ma.	13. WASTE P	ROFILE N	0.						
A													
	14. IN CA			ENCY OR SPIL	L, CON	TACT		H					
T	NAME	PHONE	NO	24-HOUR EMERGENCY NO.									
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper												
0	shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, I												
	PRINTED/TYPED NAME	The second		SIGNATURE DATE									
R													
T	16. TRANSPORTER (1)	1		17. TRANSPORTER (2)									
R	NAME:			NAME:									
N	TEXAS LD. NO.			TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:									
S P	IN CASE OF EMERGENCY CONTACT:												
O R	EMERGENCY PHONE:			EMERGENCY PHONE:									
T	18. TRANSPORTER (1): Acknowledgment of	of receipt of	fmaterial	19. TRANSPOL	RTER (	2): Ackno	wledgment of	receipt of n	naterial				
E R	PRINTED/TYPED NAME			PRINTED/TYPED	NAME_				TESTE !				
S	SIGNATURE	DATE	-City	SIGNATURE		- 100		DATE	Silver 1				
0		ADDRE	ESS:				PHONE:	424					
D F	Lea Land, LLC			Marker 64, U.			0,	575-88	37-4048				
I A	PERMIT NO.		30 N	Ailes East of Ca	arlsbad	, NM							
S C P I O L	WM-01-035 - New Mex	ico		20. COMMENTS									
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION:	I Hereby o	ertify that the above d	lescribed v	vastes wer	e delivered to t	his facility	that the				
LY	AUTHORIZED SIGNATURE	T. Er		CELL NO.	1900	DATI	E TOTAL	Т	ME				
	/value / Pag			Last 1			MARKET		2.20				

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

PICK-UP DATE	1. PAGEOF_	116169	SI NO									
	5. P)		ADDRESS	4.	3. COMPANY NAME	C						
. TNRCC I.D. NO.	ZIP 6. TI	STATE	ITY	C	G PHONE NO.	G						
					E	F						
S 9. TOTAL 10. UNIT 11. TEXAS QUANTITY Wt/Vol. WASTE ID #	8. CONTAINERS No.   Type			ION OF WASTE SHIPPED:								
QOANTITI WE WILL WASTE ID #	No. Type				N a.	N						
					b.							
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		are a fall of the	d. A.									
				R	R							
13. WASTE PROFILE NO.				A 12. COMMENTS OR SP								
24-HOUR EMERGENCY NO.	L, CONTACT	ENCY OR SPILI	14. IN CASE OF EMERG NAME PHONE NO									
ly and accurately described above by proper	onsignment are fully	the contents of this cor	15.GENERATOR'S CERTIFICATION: I Hereby declare that the co- shipping name and are classified, packed, marked, and labeled, and are in all respo									
is previously approved by LEA LAND, LLC	the same materials [	te regulations, and are t	shipping name and are classified, packed, marked, and labeled, and are in all international and national government regulations, including applicable state									
DATE		SIGNATURE			R PRINTED/TYPED NAM	R						
		17.		ANSPORTER (1)	R							
		NAME:			A NAME:	A						
		TEXAS I.D. NO.			S	S						
ACT:	ERGENCY CONTAC	IN CASE OF EME		CY CONTACT:	0							
knowledgment of receipt of material		19. TRANSPOR	receipt of material	(1): Acknowledgment of r	R IS TRANSPORTED	R						
Section Control			944	,/ I G to the P , I	E PRINTED/TYPED NAM	E						
	ZNAMI	PRINTED/1116D			R							
DATE		SIGNATURE	DATE	D	SIGNATURE							
PHONE: 575-887-4048	C Hung 62/19	Markov 64 III	ADDRESS:	IIC	I ea Land							
				, LLC	F	D F						
residente anoma estado		20. COMMENTS		C PERMIT NO.								
			0	WM-01-035 - New Mexico								
were delivered to this facility, that the	described wastes wer	certify that the above de		LITY'S CERTIFICATE  crmitted to receive such was	1 21.DISPOSAL FACI	SI						
	DAT	CELL NO.		RE								
ATE TIME	ALCOHOL: HALL											
PORTER (2)  PACT:  ACT:  ADATE  PHONE:  180,  575-88	TRANSPO  TRANSPO  ERGENCY CONTACT  HONE:  RTER (2): Acknown and the same materials properties of th	I respects in proper core regulations, and are a SIGNATURE  17.  NAME:  TEXAS I.D. NO.  IN CASE OF EMELEMERGENCY PHOTO PRINTED/TYPED  SIGNATURE  Marker 64, U.:  Miles East of Ca  20. COMMENTS  certify that the above describing that the above described in the same of the	receipt of material  DATE  ADDRESS:  Mile 30 N	ANSPORTER (1)  CY CONTACT:  (1): Aeknowledgment of respectively.  LLC  LITY'S CERTIFICA' crmitted to receive such was	R shipping name and are clainternational and national PRINTED/TYPED NAM  T 16. TR R NAME: TEXAS I.D. NO. S IN CASE OF EMERGEN EMERGENCY PHONE: 18. TRANSPORTED E PRINTED/TYPED NAM S SIGNATURE  Lea Lance F A PERMIT NO. WM-0 L 21.DISPOSAL FACI facility is authorized and processing the support of the support	R T R A N S P O R T E R S D F I A S C P I O L S I A T						

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

#### LEA LAND, LLC

NON	N-HAZARDOUS WASTE MANIF	EST	NO	116170	1. PAG	GEOF_	2. TRAIL	ER NO.	2/10			
G	3, COMPANY NAME	4. ADDR	ESS			5. P	ICK-UP DATE					
9	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO					
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	ED:			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	2. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10			And the state of			Lymin in					
	b.											
E	C											
	d. I was properly to the second			A SEE STATE								
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE N	0.				
A												
	14. IN CA	SE OF	EMERG	ENCY OR SPIL	L. CO	NTACT						
T	NAME	PHONE					24-HOUR	EMERGE	NCY NO.			
	15.GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by proper											
О	shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LANI											
R	PRINTED/TYPED NAME			SIGNATURE DATE								
				TD ANCHOPTED (2)								
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:								
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt o	f material	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material								
E	PRINTED/TYPED NAME	P. M.	144	PRINTED/TYPED	NAME							
R	SIGNATURE 48 A 14 S 4 L	D. 1990										
	DIONALOND	DATE	nce.	SIGNATURE			PHONE:	DATE				
	Lea Land, LLC	ADDK		Marker 64, U.	S. Hw	y 62/18			37-4048			
D F I A			30 N	Ailes East of Ca	arlsbac	l, NM						
S C P I O L	WM-01-035 - New Mex		20. COMMENTS									
SI	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION:	: I Hereby o	ertify that the above of	lescribed	wastes we	re delivered to	this facility,	that the			
L Y	AUTHORIZED SIGNATURE	N. K		CELL NO.		DAT	Е	T	ME			
60	<b>大三百万万</b> 二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	W. Z.	100				20/10/04					

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NON	I-HAZARDOUS WASTE MANIF	NO	116171	1. PAGEOF 2. TRAILER NO.								
	3. COMPANY NAME	4. ADDRE	ISS			5. P	ICK-UP DATE					
G							A PARTIE NO	10/01				
	PHONE NO.	CITY		STATE		ZIP 6. T	6. TNRCC LD. NO.					
E	T MANUAL OR DESCRIPTION OF WASTE OF THE	70			8. CON	TAINERS	9. TOTAL	10. UNIT	11. TEXAS			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	no:			No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#			
N						HTT TO						
12.5	b.											
E	Cx		1110				-	EAL				
150	d. A. 1 : 2013											
R	10-14 (L.7)(2) (10-16)	THE SE	List in	13. WASTE PROFILE NO.								
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE 1	KOPILE N				
A						3.10		1071				
g.	14. IN CA	ASE OF I		GENCY OR SPIL	L, CO	NTACT	24-HOLE	EMERGE	NCY NO.			
T	NAME TO A STATE OF THE PARTY OF	FHONE	NU				2441001	Linbros				
5	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper											
0	shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC											
	PRINTED/TYPED NAME			SIGNATURE	DATE							
R												
Т	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
R	NAME:			NAME:								
A N	TEXAS I.D. NO.											
S	IN CASE OF EMERGENCY CONTACT:			TEXAS 1.D. NO.  IN CASE OF EMERGENCY CONTACT:								
0	EMERGENCY PHONE:			EMERGENCY PI		CONTA						
R	18. TRANSPORTER (1): Acknowledgment	of receipt o	f material			(2): Ackn	owledgment of	receipt of	naterial			
E	PRINTED/TYPED NAME			PRINTED/TYPE	D NAME							
R	That the state of			3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3								
· ·	SIGNATURE	DATE		SIGNATURE			-	DATE				
		ADDRI				60.11	PHONE		07 4040			
DF	Lea Land, LLC	10.0		le Marker 64, U Miles East of C		Table of the later	80,	5/5-8	87-4048			
I A	PERMIT NO.		30	20. COMMENTS	arisua	u, INIVI		The same	7 PA			
S C P I	WM-01-035 - New Mex	kico		20.000000000000000000000000000000000000								
O L S I	21.DISPOSAL FACILITY'S CERTIFIC		I Hereby	certify that the above	described	wastes we	re delivered to	this facility	, that the			
A T	facility is authorized and permitted to receive such v	A High		ant.								
LY	AUTHORIZED SIGNATURE			CELL NO.		DAT	E	Т	TME			
	ZMECS TO DESCRIPTION					Medala						

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NOI	N-HAZARDOUS WASTE MANIF	NO	1161	6172 1. PAGE_OF_ 2. TRAILER NO.									
C	3. COMPANY NAME	4. ADD	RESS		ALC: YES		5. P	ICK-UP DATE		No. of Street			
G	PHONE NO.	CITY		STATE			ZIP 6. T	NRCC I.D. NO	10.25	9.47			
	THORE NO.	CHY		STATE			ZIP   0. 1	NRCC LD. NO		A POST OF			
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:				8. CON	TAINERS	9. TOTAL	10. UNIT	11, TEXAS			
N	a			-		No.	Туре	QUANTITY	Wt/Vol.	WASTE ID #			
	b.												
E							427						
R	d. 4(1)			KENERGE ES MAN ANTES									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:							13. WASTE P	ROFILE N	0.			
A													
		SE OF	EMER	GENCY O	OR SPILI	L, CO	NTACT	44-6	The H				
T	NAME	PHON	IE NO				17/4	24-HOUR	EMERGE	NCY NO.			
	15.GENERATOR'S CERTIFICATION:	et ava fielle	and accurately	dasoribod a	house his propose								
0	shipping name and are classified, packed, marked, and international and national government regulations, in	d labeled	and are in	all respects in	n proper con	idition fo	or transport	by highway acc	cording to a	pplicable			
R	PRINTED/TYPED NAME		SIGNATU	JRE		Acres (	HE WELL		DATE				
				A PAGE									
T	16. TRANSPORTER (1)			17.		TI	RANSPO	RTER (2)					
R A	NAME:			NAME:									
N S	TEXAS I.D. NO.			TEXAS	I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CAS	E OF EME	RGENC	Y CONTAC	Tt:					
O R	EMERGENCY PHONE:				ENCY PH								
T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TR	ANSPOI	RTER	(2): Ackno	owledgment of	receipt of r	naterial			
E R	PRINTED/TYPED NAME	A		PRINTI	ED/TYPED	NAME		0.1011248-00					
S	SIGNATURE	DATE		SIGNA	TURE	q:le		Tall of	DATE	- 000			
	I I I I I I C	ADD	RESS:					PHONE:					
D F	Lea Land, LLC	-dup-i		le Marke				30,	5/5-8	37-4048			
I A S C	PERMIT NO.	187	30	Miles Ea		irisbac	J, INIVI	5 FO. C. 91	September (col)	2 17 2 21 1			
PI	WM-01-035 - New Mex	ico											
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	by certify that the above described wastes were delivered to this facility, that the						that the					
LY	AUTHORIZED SIGNATURE	100,71	CELL	NO.	10.00	DAT	В	Т	IME				
di.	January January		-					4 1 2					

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIF	NO	1161	7 2 1. PAGE _OF 2. TRAILER NO.								
0	3. COMPANY NAME	4. ADDR	ESS				5. P	ICK-UP DATE				
G	PHONE NO.	CITY		STATE			ZIP 6. T	NRCC I.D. NO				
E				SIAIL			ZII O. I	NICC I.D. NO				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:				0.00	TAINERS	9, TOTAL	10. UNIT	11. TEXAS		
N	a,					No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#		
	b.				THE !							
E	C.				35.2			ERENYUE.	Water Control			
	d. 4 ( )											
R		N. I.			A after					14.6-8		
	12. COMMENTS OR SPECIAL INSTRUCTIONS:							13. WASTE P	ROFILE N	0.		
A	HAVE BEEN BUILDING TO BE THE STATE OF THE ST	9111		11.71	min.			Sec.	4	LO IN NAME OF		
an a	14. IN CA	SE OF		GENCY C	R SPIL	L, COI	NTACT	24-HOUR	EMERGE	NCY NO.		
Т								Section.				
0	15 GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable											
	international and national government regulations, in	cluding ap	oplicable s	state regulations, and are the same materials previously approved by LEA LAND,								
R	PRINTED/TYPED NAME		SIGNATU	TRE					DATE			
		N.C.	1									
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
AN	NAME:			NAME:								
S	TEXAS I.D. NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CAS	E OF EME	RGENC	Y CONTAC	STE:				
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt o	of materia	EMERG 1 19. TR.	ANSPOI	and the second second	(2): Ackno	owledgment of	receipt of n	naterial		
T E	PRINTED/TYPED NAME	et ( pl - In			D/TYPED		IN TANK					
R			The said	PRINT	D/I FEE	INMINIE						
	SIGNATURE	DATE		SIGNAT	TURE				DATE			
	Lea Land, LLC	ADDR		la Marka	. 64 TI	C Llw	. 62/19	PHONE:		37-4048		
D F	Lea Land, ELC			le Marke Miles Ea				0,	3/3-00	5/-4040		
I A S C	PERMIT NO.			20. COMN				THE !	N V S	Julie 1		
P I O L	WM-01-035 - New Mex	ico										
S I A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	: I Hereby	y certify that t	he above d	escribed	wastes wer	e delivered to	his facility,	that the			
L Y	AUTHORIZED SIGNATURE		CELL	NO.		DAT	В	TI	ME			
	11110						127					
		- ACADOMIC	Name and Address of the Owner, where			-	_		-			

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### LEA LAND, LLC

NO	ON-HAZARDOUS WASTE MANIFEST NO			116174	1. PAG	GEOF_	ER NO.						
G	3. COMPANY NAME	4. ADD	RESS		110	5. P	CK-UP DATE						
G	PHONE NO.	CITY		STATE			NRCC I.D. NO						
E													
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D;	N.		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	a		NATE:		110	1) 10	QUALITY						
Med	b.				198								
E	C. M. C.												
D	d. 15 11 02												
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	0.				
A									September 1				
	14. IN CA			GENCY OR SPIL	L, CO	NTACT	291-11		L'ILLIA				
T	NAME	PHON	IE NO				24-HOUR	EMERGE	NCY NO.				
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	t the contents of this co	onsignmer	it are fully	and accurately	described a	bove by proper				
0	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled.	and are in	all respects in proper co	ondition fo	ir transport	by highway acc	cording to a	pplicable				
R	PRINTED/TYPED NAME	4,44	Light I	SIGNATURE					DATE				
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)									
A N	NAME:			NAME:									
S	TEXAS LD. NO.			TEXAS I.D. NO.					70				
P	IN CASE OF EMERGENCY CONTACT:  EMERGENCY PHONE:			IN CASE OF EMP		Y CONTAC	Т:						
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPO		(2): Ackno	wledgment of	receipt of n	naterial				
E R	PRINTED/TYPED NAME		agir.	PRINTED/TYPE	) NAME	ainty (		100	ALCOHOL:				
S	SIGNATURE	DATE		SIGNATURE				DATE					
			RESS:				PHONE:						
D F	Lea Land, LLC			e Marker 64, U.			0,	575-88	37-4048				
I A	PERMIT NO.		30	Miles East of Ca	arlsbac	l, NM							
S C P I O L	WM-01-035 - New Mex	ico		20. COMMENTS									
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	N: I Hereby	eby certify that the above described wastes were delivered to this facility, that					that the				
LY	AUTHORIZED SIGNATURE	W.	1770	CELL NO.	DATE TIME				ME ZZ				
	1 619 0 1 1 1 1 9 1												

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### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIF	NO	116175	1. PA	GE_OF_	DF 2. TRAILER NO.							
G	3. COMPANY NAME	4. ADD	RESS			5. PIC	K-UP DATE						
6	PHONE NO.	CITY		STATE		ZIP 6. TN	RCC I.D. NO						
E		41,570											
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	CONTRACTOR OF THE PARTY OF THE	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N													
	b. I have been a second of the			n per dari									
E	C												
R	d				GET			PERSONAL PROPERTY.					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13, WASTE P	ROFILE N	Э.				
A													
	14. IN CA	SE OF		RGENCY OR SPILL, CONTACT  24-HOUR EMERGENCY NO.									
Т		PHON	E NO				24-HOUR	EMERGE	NCY NO.				
O	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled,	and are in	all respects in proper co	ondition fo	or transport b	v highway acc	cording to a	oplicable				
R	PRINTED/TYPED NAME			SIGNATURE					DATE				
T	16. TRANSPORTER (1)	3.91	40	17: TRANSPORTER (2)									
R A	NAME:			NAME:									
N S	TEXAS I.D. NO.			TEXAS LD. NO.									
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMI	ERGENC	Y CONTACT			mero di				
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	freceipt	of materia	EMERGENCY PI		(2): Acknow	ledgment of	receipt of n	naterial				
T E	PRINTED/TYPED NAME			PRINTED/TYPE									
R													
	SIGNATURE	DATE	oree.	SIGNATURE				DATE					
	Lea Land, LLC	ADD	ress: Mi	le Marker 64, U	S. Hw	y 62/180	PHONE:		37-4048				
D F I A	Section applicated		30	Miles East of C	arlsbac	l, NM							
S C P I O L	WM-01-035 - New Mex	ico		20. COMMENTS	25.2								
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	: I Hereby	v certify that the above	described	wastes were	delivered to	his facility,	that the					
LY	AUTHORIZED SIGNATURE			CELL NO.	Awd i	DATE	1	TI	ME				
1	1 Partie Jakoba	11-0		A CONTRACTOR				4					

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### LEA LAND, LLC

NOI	N-HAZARDOUS WASTE MANIF	NO	116178	1. PAG	E_OF_	2. TRAILER NO.						
	3. COMPANY NAME	4. ADD	RESS			5. PI	CK-UP DATE	-				
G	PHONE NO.	CITY		STATE	7	IP 6. T	VRCC I.D. NO	1281				
E		alus.		Girus			ince the re-		120			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	MIN	Hilliamile	8. CONT	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a. seriajim ya renan kashenya tagar					1,100						
	b.							Like .	ALSO E.			
E	¢											
R	d. 19.19.19.19.19.19.19	0. 7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Charles Fr								
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	ht id	)	P-1 - 1 - 4 - 4 - 1			13. WASTE F	ROFILE N	O.			
A												
	14. IN CA			ENCY OR SPILI	L, CON	TACT						
T	NAME	PHON	IE NO				24-HOUR	EMERGE	NCY NO.			
~	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	the contents of this co	nsignment	are fully a	and accurately	described a	bove by proper			
0	shipping name and are classified, packed, marked, an	d labeled.	and are in al	in all respects in proper condition for transport by highway according to applicable state regulations, and are the same materials previously approved by LEA LAN								
R	PRINTED/TYPED NAME			SIGNATURE			and the	THE	DATE			
						w. The						
T R	16. TRANSPORTER (1)			17.	TR	ANSPO	RTER (2)					
AN	NAME:			NAME:								
S	TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:			TEXAS I.D. NO.								
P	EMERGENCY PHONE:			IN CASE OF EME		CONTAC						
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPOL		2): Ackno	wledgment of	receipt of n	naterial			
E R	PRINTED/TYPED NAME			PRINTED/TYPED	NAME_		No. of the					
S	SIGNATURE	DATE		SIGNATURE				DATE	ni meni			
		ADD	RESS:				PHONE					
D F	Lea Land, LLC			Marker 64, U.	and the same of the		0,	575-88	37-4048			
I A S C	PERMIT NO.		30 N	files East of Ca	irisbad	, INIVI	A ryliftur.	1000	vi no i			
P I O L	WM-01-035 - New Mex	ico										
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	N: I Hereby c	reby certify that the above described wastes were delivered to this facility, that the									
L Y	AUTHORIZED SIGNATURE	77-27.09	CELL NO.		DATI		T	IME				
	Zilantek Zunik					0.17	rigarout.		(XX)			

MILE MARKER #64 US HWY 62/180 \* 30 MILES EAST OF CARLSBAD, NM \* PHONE (575) 887-4048

### LEA LAND, LLC

NON	N-HAZARDOUS WASTE MANIF	116179	9 1. PAGEOF 2. TRAILER NO.									
6	3. COMPANY NAME	4. ADD	RESS	A TOTAL OF		5. P	CK-UP DATE					
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO					
E						2.11	ALCO MONTO					
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		SECTION SECTION	8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a.			THE PERSON	110.	type	QUILLET					
	b. //											
E	C.											
	d. / / / / / / / / / / / / / / / / / / /											
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	10		98), Uz (01(0), U			In the own r	DOTH E V				
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE F	ROFILE N				
A	14. IN CA	SE OF	DATE	CENCY OD CRU	1 00	MTACT						
Т	NAME IN CA	PHON		GENCY OR SPIL	1,00	VIACI	24-HOUR	EMERGE	NCY NO.			
	CONTRACTORIS CENTRACTION											
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by prop shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LL											
R	PRINTED/TYPED NAME			SIGNATURE					DATE			
		100		P personal district								
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A N	NAME:			NAME: TEXAS LD, NO.								
S	TEXAS I.D. NO.			TEXAS LD. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EME		Y CONTAC	T:					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	EMERGENCY PE		(2): Ackno	owledgment of	receipt of n	naterial			
E	PRINTED/TYPED NAME		mer.	PRINTED/TYPEI	) NAME							
R	SIGNATURE	D. LEED	Tarrel					IN APPLE	N 12 761			
	SIGNATURE	DATE	prec.	SIGNATURE			PHONE	DATE				
	Lea Land, LLC	ADD	ress: M	ile Marker 64, U	S. Hw	y 62/18			87-4048			
D F I A				Miles East of C								
S C P I O L	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS									
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	: 1 Herel	y certify that the above	described	wastes wer	e delivered to	this facility,	that the			
LY	AUTHORIZED SIGNATURE			CELL NO. DATE					IME /			

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

#### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIF	NO	116180	1. PAC	1, PAGEOF 2, TRAILER NO.							
C	3. COMPANY NAME	4. ADDR	ESS			5. P	ICK-UP DATE	Dist.				
G	PHONE NO.	CITY		STATE		(IP 6. T	NRCC LD NO	RCC I.D. NO.				
E							TALCE IID. 110					
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	BD;	4		8. CONT	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11, TEXAS WASTE ID #			
N	a.				1302	Орс	QUARTITY					
	b.						0.00					
E	¢.				5.00							
	d.											
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:		1000	hadden in			13. WASTE P	POFILE N	0			
A	The same of the property of th						IJ, WASTET	KOTTELIA				
	14. IN CA	SE OF	EMERG	ENCY OR SPIL	L CON	TACT						
Т	NAME	PHONE		ENCT ON STIE	L, COI	TAC I	24-HOUR	EMERGE	NCY NO.			
	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by pro-											
0	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, a	and are in al	I respects in proper co	ndition fo	r transport	by highway acc	ording to a	pplicable			
R	PRINTED/TYPED NAME		SIGNATURE		Carlo.			DATE				
100								1				
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EME	RGENCY	CONTAC	T					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt o	of material	EMERGENCY PH				receipt of n	naterial			
E	PRINTED/TYPED NAME			PRINTED/TYPEC								
R					To an							
	SIGNATURE	DATE		SIGNATURE				DATE				
	Lea Land, LLC	ADDR		Marker 64, U.	S. Hw	v 62/18	PHONE:		37-4048			
D F I A				Ailes East of Ca		~						
S C P I O L	PERMIT NO. WM-01-035 - New Mex	ico		20. COMMENTS								
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	: I Hereby o	ertify that the above d	lescribed	wastes wer	e delivered to	his facility,	that the				
LY	AUTHORIZED SIGNATURE			CELL NO.	ALM.	DAT	E	T	ME			
		E I WALL	1 3 10 10									

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIF	NO	116181	I. PA	Mark Mark							
G	3. COMPANY NAME	4. ADD	RESS			5. PI	CK-UP DATE					
G	PHONE NO.	CITY		STATE		ZIP 6. TI	6. TNRCC LD. NO.					
E		elle.										
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a. or a company of the contract of the contrac					The second						
	b.					214						
E		1										
R	d. 41 40 107	5										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	O).			
A												
				GENCY OR SPIL	L, CO	NTACT		NI S				
T	NAME	PHON	IE NO				24-HOUR	EMERGE	NCY NO.			
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled.	and are in	all respects in proper co	ndition fo	or transport	by highway acc	cording to a	pplicable			
R	PRINTED/TYPED NAME		N. C.	SIGNATURE					DATE			
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS LD, NO,								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EME	ERGENC	Y CONTAC	Т:					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	EMERGENCY PL 19. TRANSPO		(2): Ackno	wledgment of	receipt of r	naterial			
E	PRINTED/TYPED NAME	fav	in the same	PRINTED/TYPEI	) NAME							
R	SIGNATURE	DATE		SIGNATURE				DATE				
	I I I I I C	ADD	RESS:			XA.W.O.	PHONE:		77 1010			
D F	Lea Land, LLC		le Marker 64, U. Miles East of C			0,	3/3-88	37-4048				
I A S C P I	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS			rve witch		in cap				
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	N: I Hereby	certify that the above of	described	wastes were	e delivered to	elivered to this facility, that the				
LY	AUTHORIZED SIGNATURE	CELL NO.	NO. DATE TIME									
				ALL DESCRIPTIONS		Sec. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19		AUC OF THE	Alberta Land			

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

#### LEA LAND, LLC

NO	ON-HAZARDOUS WASTE MANIFEST NO			116:	182	1. PAG	GEOF_	OF 2. TRAILER NO.				
G	3. COMPANY NAME	4. ADD	RESS		I Take		5. P	ICK-UP DATE				
E	PHONE NO.	CITY		STATE			ZIP 6. T	NRCC I.D. NO				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	OR OF			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	a				I I en	NO.	турс	QUANTITY	-	Wilder		
	b. 1											
E	c. I a series of the series of	at										
R	44 40) 445)	0	124									
	12. COMMENTS OR SPECIAL INSTRUCTIONS.		JEN 18				-	13. WASTE P	ROFILE N	O.		
A			No.		Mary or				11514			
m	14. IN CA	SE OF		GENCY (	OR SPIL	L, CO	NTACT	24-HOUR	EMERGE	NCY NO		
T												
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled.	and are in	all respects i	n proper co	ndition fo	r transport	by highway acc	cording to a	pplicable		
R	PRINTED/TYPED NAME		SIGNAT	URE					DATE			
T	16. TRANSPORTER (1)			17.		TI	RANSPO	ORTER (2)				
R	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS	I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT:			IN CAS	E OF EME	RGENC	Y CONTA	CT:				
O R	EMERGENCY PHONE:				SENCY PH							
T E	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TR	ANSPO	RIER	(2): Ackn	owledgment of	receipt of n	naterial		
R	PRINTED/TYPED NAME			PRINT	ED/TYPED	NAME						
S	SIGNATURE	DATE	16.4	SIGNA	TURE				DATE	P 540		
	Lea Land, LLC	ADD	RESS:	e Marke	CA 11	C II.	62/10	PHONE		37-4048		
D F	Loa Land, ELC			Miles Ea				50,	3/3-00	07-4040		
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	ico		20. COM	MENTS					PAN C		
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	reby certify that the above described wastes were delivered to this facility, that					that the					
LY	AUTHORIZED SIGNATURE	A		CELL	NO.		DAT	Е	Т	IME		
		4 (/ 90	4					Gold Land	W. B			

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NON	N-HAZARDOUS WASTE MANIF	NO	116183	1, PAGEOF 2, TRAILER NO.								
C	3, COMPANY NAME	4. ADD	RESS	is will design		5. P	ICK-UP DATE		STEEL STATE			
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC LD. NO					
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINERS   Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a, mana yang Sawan can Sarah binang kacama				1802	турс	QUARTITI		Wildfall			
	b. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
E	C											
	d. Company											
R	14 COMMENTS OF SPECIAL PROTECTIONS	() <u> </u>	140	10852			ia wilemp p	DOTH EA				
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					1	13. WASTE F	KOFILE N				
A	14. IN CA	er or	EMEN	CENCY ON CHILL CONTRACT								
Т	NAME IN CA	PHON		GENCY OR SPIL	L, CO.	NIACI	24-HOUR	EMERGE	NCY NO.			
			41,43									
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled	and are in	all respects in proper co	ondition f	or transport	by highway ac	cording to a	pplicable			
R	PRINTED/TYPED NAME			SIGNATURE					DATE			
T	16. TRANSPORTER (1)			17.	T	RANSPO	RTER (2)					
R A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMI	ERGENC	Y CONTAC	T:					
O R	EMERGENCY PHONE:	15797		EMERGENCY PI								
T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	19. TRANSPO	RTER	(2): Ackno	wledgment of	receipt of r	naterial			
E R	PRINTED/TYPED NAME			PRINTED/TYPE	D NAME							
S	SIGNATURE	DATE	11	SIGNATURE			L'Elimin	DATE	Alterial			
		ADD	RESS;				PHONE					
D F	Lea Land, LLC		ile Marker 64, U Miles East of C			30,	575-8	87-4048				
I A S C	PERMIT NO.		30	20. COMMENTS	arisba	d, INIVI	No.	18 12 1	51, 30 J 1 7 T			
PI	WM-01-035 - New Mex	ico										
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	N: I Hereb	eby certify that the above described wastes were delivered to this facility, that the									
L Y	AUTHORIZED SIGNATURE		CELL NO.		DAT	E.	T	IME				
-13				The state of the s								

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIF	116267	1. PA	1. PAGEOF 2. TRAILER NO.									
	3. COMPANY NAME	4. ADD	RESS		N I E S	5. P	ICK-UP DATE						
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO		artitle				
E				State			in the						
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	a. a. Carrepolici I carpol perol. 10110		3 (1)		1500	Турс	QUANTITY		WOTE ID				
	b.		1	NY FEBRUARY ST									
E	C.												
	d 4 / 4 /												
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:						12 WA OFFE T	DOEH E M					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13, WASTE F	KOFILE N					
A	14. IN CA	SE OF	EMED	RGENCY OR SPILL, CONTACT									
T	NAME	PHON	E NO	GENCY OR SPIL	L, CO	VIACI	24-HOUR	EMERGE	NCY NO.				
		M. A.				TWI TO VALUE		No. of					
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled	and are in	all respects in proper co	ndition fo	or transport	by highway acc	cording to a	pplicable				
R	PRINTED/TYPED NAME			SIGNATURE	6.25				DATE				
						357							
T R	16. TRANSPORTER (1)		15	17.									
A	NAME:			NAME:									
N S	TEXAS I.D. NO.			TEXAS I.D. NO.									
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EME	RGENC	Y CONTAC	CT:						
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	EMERGENCY PE	THE RESERVE THE PERSON NAMED IN	(2): Ackno	owledgment of	receipt of n	naterial				
T E	PRINTED/TYPED NAME							The state of	atileita i				
R				PRINTED/TYPEI	NAME								
,	SIGNATURE	DATE		_ SIGNATURE				DATE					
	Lea Land, LLC	ADD	RESS:	le Marker 64, U	O LL	ov 62/10	PHONE		37-4048				
DF	Dea Land, EDC			Miles East of C				373-00	07-4040				
I A S C P I	PERMIT NO. WM-01-035 - New Mex	ico		20. COMMENTS									
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION	V: I Hereb	certify that the above	described	wastes we	e delivered to	this facility	that the				
A T	facility is authorized and permitted to receive such w	creby certify that the above described wastes were delivered to this facility, that the											
LY	AUTHORIZED SIGNATURE		CELL NO.		DAT	E	T	ME					
						ing the							

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NOI	N-HAZARDOUS WASTE MANIF	116271	I. PA	GE_OF_	2. TRAIL	2. TRAILER NO.						
C	3. COMPANY NAME	4. ADD	RESS		N.	5. P.	ICK-UP DATE	MAIN.				
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC LD. NO		300			
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	n.n.t		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	* A TOTAL TO							i Riv				
	b. The second			In the second					an Family			
E	c.					STATE OF						
R	d. 41 440											
1	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	WASTE PROFILE NO.				
A												
	14. IN CA			GENCY OR SPILL, CONTACT								
T	T NAME PHONE NO 24-HOUR EMERGENCY NO.  15.GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by p shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND,											
o												
R	PRINTED/TYPED NAME	ordening t	присцоте з	SIGNATURE DATE								
K												
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME:	NAME:										
N S	TEXAS I.D. NO,			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:								
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	19. TRANSPO		(2): Ackno	owledgment of	receipt of n	naterial					
E R	PRINTED/TYPED NAME	PRINTED/TYPEI	) NAME		Ginna and		ALCOH.					
S	SIGNATURE	DATE		SIGNATUREDATE								
	1 1 1110	ADD	RESS:				PHONE:					
D F	Lea Land, LLC			le Marker 64, U Miles East of C		-	0,	575-88	37-4048			
I A S C	PERMIT NO.	20, COMMENTS	arisoar	i, INIVI	THE EAST	white part	agast .					
P I O L	WM-01-035 - New Mex											
S I A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION rastes.	N: 1 Hereby	certify that the above of	described	wastes wer	e delivered to	this facility,	that the			
LY	AUTHORIZED SIGNATURE	1	14.15	CELL NO.		DATI	BELLER	TI	ME			
313	ATTACK VIII.	VIE				3						

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIF	EST	NO	116273	1. PAGE	E OF	2. TRAIL	ER NO.	10000			
	3. COMPANY NAME	4. ADD	2000	4.06.10	, , , , ,		CK-UP DATE		100)			
G		111111				5.11						
	PHONE NO.	CITY		STATE	Z	(P 6. TN	IRCC LD. NO		THE P			
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D.			8, CONTA		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a military for the boundary of the form				1404	зурс	QUALITA		THE PARTY OF THE P			
	b.		-									
E												
			200									
R	d.		Trains		BOX I							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:		100				13. WASTE P	ROFILE N	0.			
A												
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT											
Т	THE CASE OF EMERGENCY OR STILL, CONTACT											
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by pre-shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND.											
R	PRINTED/TYPED NAME			SIGNATURE DATE								
Т	16. TRANSPORTER (1)	17. TRANSPORTER (2)										
R	NAME:			NAME:								
N	TEXAS LD. NO.			TEXAS LD. NO.								
SP	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:								
0	EMERGENCY PHONE:			EMERGENCY PHONE:								
R	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material									
E	PRINTED/TYPED NAME		PRINTED/TYPED NAME									
R												
	SIGNATURE			SIGNATURE		176-1		DATE				
	Loo Lond II C	ADD	RESS:	PHONE:								
D F	Lea Land, LLC	e Marker 64, U.S. Hwy 62/180, 575-887-4048 Miles East of Carlsbad, NM										
I A S C	PERMIT NO.	20. COMMENTS	arisbau,	INIVI		12 191	15 17 1					
PI	WM-01-035 - New Mex		au Condition 10									
O L S I	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the											
A T	facility is authorized and permitted to receive such v	vastes.					2.11					
LY	AUTHORIZED SIGNATURE	y et	- 0.	CELL NO.	N. A.II.	DATE		Т	IME			

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

### LEA LAND, LLC

NON	N-HAZARDOUS WASTE MANIF	NO	116274	7 4   1. PAGE_OF_ 2, TRAILER NO.								
G	3. COMPANY NAME	4. ADD	RESS	5. PICK-UP DATE								
G	PHONE NO.	CITY		STATE ZIP 6, TNRCC LD, NO.								
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11, TEXAS WASTE ID #			
N	are the logic operators and a constraint of			SALT!		1113		THE REAL PROPERTY.				
	b.		7				* 1					
E	State of the state						4. 4					
R	d. ZO ZI											
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13, WASTE P	ROFILE N	0.			
A												
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO											
T	NAME.	PHON	NE NO				24-HOUR	EMERGE	NCY NO.			
О	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by preshipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, I											
R	PRINTED/TYPED NAME			SIGNATURE DATE								
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME:	NAME:										
N S	TEXAS I.D, NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:								
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material										
E	PRINTED/TYPED NAME	PRINTED/TYPED NAME										
R	SIGNATURE	SIGNATURE DATE										
	Loo Lond LLC	ADD	RESS:	PHONE: 575 997 4049								
D F	Lea Land, LLC	e Marker 64, U.S. Hwy 62/180, 575-887-4048 Miles East of Carlsbad, NM										
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	20. COMMENTS										
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	N: I Hereby	certify that the above d	escribed	wastes were	delivered to	this facility,	that the			
LY	AUTHORIZED SIGNATURE			CELL NO.	DATE							

# Appendix E Initial and Final C-141

#### NM OIL CONSERVATION

District.]
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesiu, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division

ARTESIA DISTRICT

Form C-141 Revised August 8, 2011

SEP 0.7 2016

Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 South St. Francis Dr. RECEIVED Santa Fe, NM 87505

Release Notification and Corrective Action													
		<u> 328377</u>		'a		OPERATOR							
Address: 5	ompany: >	TO Energy,	ite 100 h	380 Midland, TX 707	101	Contact: Dudley McMinn Telephone No.: (432) 682-8873							
		Draw Unit E				Facility Typ				nt Rer	noved)		
Surface Ow	ner: Fede	ral		Mineral O	wner:								
				LOCA	TIOI	OF RE	LEASE		<u> </u>				
Unit Letter Section Township Range Feet from the North							Feet from 1850		Enst/West East		County: Eddy		
Latitude <u>32,307222</u> Longitude <u>-103,935556</u>													
NATURE OF RELEASE													
Type of Rele	ase: Crude	Oil				Valume of	Release: U	Jnknow	n Vo	olume P	lecovered:	None	
Source of Re					······	Unknown	lour of Occ	urrence		to and -20-20	Hour of Di I6	scovery	,
Was Immedia	ate Notice (		Yes [	No ⊠ Not Re	quired	ITYES, To	Whom?						
By Whom?						Date and I	lour						
Was a Water	course Reac		Yes 🗵	No		If YES, V	olume Impa	acting th	ne Waterco	urse.			
If a Watercou	rse was Im			-					· · · · · · · · · · · · · · · · · · ·				
	If a Watercourse was Impacted, Describe Fully.*												
				n Taken.* Hydroc I remediate to OC				e of tan	k battery re	ported	in soil sam	ples by	laboratory
			,, ,, ,,,,,										
Describe Are	a Affected:	and Cleanup /	Action Tal	ten.*	·····	<del></del>			<del></del>				
				tment or disposed	offsite i	at OCD appr	oved facilit	y. Refe	er (o attach	ed anal;	ytical data :	รนตากถ	ry.
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	ete to t	he best of my	knowledge	e and u	nderstand t	hat pur	suant to Ni	MOCD	rules and
regulations al	operators	are required (	o report ar	nd/or file certain rece of a C-141 repo	eleuse n	otifications a	nd perform	correc	tive actions	s for rel	eases whic	h may	endanger
should their o	perations h	ave failed to a	idequately	Investigate and re	emediate	e contaminat	ion that pos	se a thre	eat to group	nd wate	r, surface v	vater, it	uman health
or the enviror	should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, ituman 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.												
	1		Ja	. /			OIL	CON	SERVA	TION	DIVISI	QN	
Signature:	Signature:									1/		<i>)</i>	
Printed Name	Luke Wil	liams	Approved by	Environm	ental S <sub>j</sub>	pecialist:	M	1	へ				
Title: EH&S						Approval Da	te: 98	116	Ext	oiration	Date: N	A	
Remail Addre	ss:Luke W	illiams@vioe	netov con	1		Conditions	f Approval						
	E-mail Address:Luke Williams@xtoenergy.com  Date: 09-07-2016  Phone: (432) 683-8873  Conditions of Approva Remediation per D.C.D. Rules & Guidelines Remediation per D.C.D. Rules & Guidelines SUBMIT REMEDIATION PROPOSAL NO												
Date: 09-07- Attach Addit		ets If Necess	i'llo ary	ne: (432) 683-887	٤ ا	ATER TH	IAN:	DIG	1112			1)()	7007
			-		L	water **		- 1 -	•			W	D. 3873

#### Patterson, Heather, EMNRD

From: Mark Larson <Mark@laenvironmental.com>
Sent: Wednesday, September 07, 2016 4:54 PM

To: Patterson, Heather, EMNRD

Subject: Re: Initial C-141s for XTO Energy, Inc., Nash Draw Unit Tank Batteries (8), Eddy County,

McMinn, Dudley; Williams, Luke

New Mexico

Attachments: Initial C-141, XTO Energy, Inc., Nash Draw unit Battery 1 & 6, September 7, 2016.pdf;

Initial C-141, XTO Energy, Inc., Nash Draw Unit Battery 10, September 7, 2016.pdf; Initial C-141, XTO Energy, Inc., Nash Draw Unit Battery 9, September 7, 2016.pdf; Initial C-141, XTO Energy, Inc., Nash Draw Unit Battery 15 & 33, September 7, 2016.pdf; Initial C-141, XTO Energy, Inc., Nash Draw Unit Battery 24, September 7, 2016.pdf; Initial C-141, XTO Energy, Inc., Nash Draw Unit Battery 36, September 7, 2016.pdf; Initial C-141, XTO Energy, Inc., Nash Draw Unit Battery 19 & 34, September 7, 2016.pdf; Initial C-141, XTO

Energy, Inc., Nash Draw Unit Battery 38, September 7, 2016.pdf

#### Dear Heather,

Cc:

The attached C-141s and supporting documentation are submitted on behalf of XTO Energy, Inc., for eight (8) tank batteries located in the Nash Draw Unit, Eddy County, New Mexico. Please contact Dudley McMinn with XTO Energy, Inc. at (432) 682-8873 or me if you have questions.

Respectfully,

Mark J. Larson

From: Mark Larson

Sent: Wednesday, September 07, 2016 10:59 AM

To: 'heather.patterson@state.nm.us'

Cc: 'McMinn, Dudley'; 'Luke\_Williams@xtoenergy.com'

**Subject:** Re: Meeting Confirmation

#### Dear Heather,

This message is to confirm our meeting at your office on September 15, 2016 at 10:00 AM (Mountain Time). Please contact me if you have questions. See you then!
Respectfully,

Mark J. Larson, P.G. President/Sr. Project Manager 507 N. Marienfeld St., Suite 205 Midland, Texas 79701 (432) 687-0901 ( O ) (432) 556-8656 ( C )



www.LAEnvironmental.com

"Serving the Permian Basin Since 2000"

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#### State of New Mexico Energy Minerals and Natural Resources

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Form C-141

Revised August 8, 2011

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

**Release Notification and Corrective Action** 

			OPERATOR					$\boxtimes$	Final Report					
Name of Co						Contact: Dudley McMinn								
		***************************************		Aidland, TX 701		Telephone No.: (432) 682-8873								
Facility Nan	ne: Nash	Draw Unit B	attery #1	0	F	acility Typ	e: Tank Battery	y (Equi	pment Ren	Removed)				
Surface Owi	ner: Fedei	al		Mineral C	wner: I	Federal			API No	. 30-015-2	6992			
				LOCA	TION	OF REI	EASE							
Unit Letter	Section	Township	Range	Feet from the	····	South Line	Feet from the	East/V	Vest Line	County: I	Eddy			
G	13	23S	29E	1750	N	North	1850	]	East					
											<del></del>			
				Latitude 32.3	<u>07222</u>	Longitude	<u>-103.935556</u>							
- m		0.11		NAT	URE	OF RELI			11.1	1				
Type of Relea	ise: Crude	Oil				Volume of	Release: Unknow	vn	Volume R	lecovered:	None			
Source of Rel	ease: Spill	s				Date and H Unknown	our of Occurrenc	e	Date and 07-20-201	Hour of Dis	covery			
Was Immedia	te Notice C	Given?				If YES, To	Whom?		07-20-201	. O				
			Yes 🗀	No 🛛 Not Re	equired									
By Whom?		1 10				Date and H								
Was a Waterc	ourse Reac	nea?	Yes 🗵	No		HYES, Vo	lume Impacting t	ne Wate	ercourse.					
If a Watercourse was Impacted, Describe Fully.*														
	Describe Cause of Problem and Remedial Action Taken.* Hydrocarbons in soil due to historic use of tank battery reported in soil samples by laboratory following removal of tanks and equipment. Will remediate to OCD and BLM requirements.										laboratory			
Describe Area Affected and Cleanup Action Taken.* Soil was excavated to 1 foot bgs at location DP-02-01 over an area measuring approximately 10' > 20' and backfilled with caliche. Soil was excavated to maximum depth of 16 feet at DP-02-02 over an area measuring approximately 25 x 35 feet Laboratory analysis of soil samples from east sidewall (4 feet) exceeded RRAL therefore excavation extended east approximately 10 feet horizontally and 5 feet vertically. Final confirmation samples from excavation bottom and sidewalls were below the RRAL for BTEX and TPH. Excavation DP-02-02 was filled with caliche to 4 feet where a 20 mil thickness polyethylene liner was installed. The remaining excavation above the liner was filled with caliche Remediation area was graded for drainage. Approximately 777 cubic yards of contaminated soil was disposed at Lea Land Landfill, LLC.										25 x 35 feet. rizontally and DP-02-02 was				
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.										nay endanger or of liability human health				
						OIL CONSERVATION DIVISION								
Signature:									_	, .				
Printed Name	: Luke Will	liams			1	Approved by	Environmental S	pecialis	t: Brac	lford	Bill	lings		
Title: EH&S		•				Approval Dat	4.4.4.6.46.6.4		Expiration Date:					
E-mail Addres	ss:Luke_W	illiams@xtoe	nergy.com	1		Conditions of Approval:								
Date: 03-21-	2016		Pho	ne: (432) 683-887	73									