# 2RP-3877 REMEDIATION REPORT Nash Draw Tank Battery #1 and #6

Eddy County, New Mexico

LAI Project No. 16-0108-01

March 21, 2017

Prepared for:

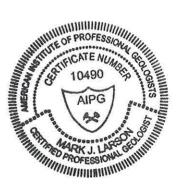
XTO Energy, Inc. 500 W. Illinois Ave., Suite 100 Midland, Texas 79707

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 #1 and #6 tank battery (Site). The Site is located in Unit H (SE/4, NE/4), Section 13, Township 23 South, Range 29 East in Eddy County, New Mexico. The geodetic position is North 32° 18′ 25.72046″ and West 103° 55′ 55.79130″. Figure 1 presents a topographic map. Figure 2a presents an aerial map. Figure 2b presents a detailed aerial map.

### 1.1 Background

On June 20, 2016, LAI personnel used a Terraprobe<sup>®</sup> direct-push rig to collect soil samples at five (5) locations (DP-01-01 through DP-01-05). Soil samples were collected between ground surface and approximately five (5) feet below ground surface (bgs). A background sample (DP-01-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-3877, on September 7, 2016.

On September 29, 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-01-01 and DP-01-03. 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 chloride observed in samples from DP-01-01. 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 29, 2016 and October 19, 2016. On December 6, 2016, OCD District 2 approved the final remediation plan. Appendix A presents the OCD approval.

### 1.2 Physical Setting

The physical setting is as follows:

- Elevation is approximately 3,005 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 northwest 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.

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### 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:

Benzene 10 mg/KgBTEX 50 mg/Kg

TPH 1,000 mg/Kg

### 2.0 REMEDIATION

Soil remediation was performed between November 15, 2016 and December 7, 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-01-01, DP-01-03 and DP-01-04. Soil was excavated at DP-01-01 from an area measuring about 15 x 25 feet to about 4 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). The laboratory 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 2 feet (1,132.59 mg/Kg) and 4 feet (5,204.82 mg/Kg). TPH was reported above the RAL in samples from the west sidewall at 2 feet (1,403.73 mg/Kg) and north sidewall at 2 feet (4,105.00 mg/Kg). TPH was reported above the RRAL in the bottom sample at 4 feet (2,124.23 mg/Kg).

Additional soil was removed from the east and north sides and bottom of the excavation. On November 22, 2016, LAI personnel collected samples from the east sidewall at about 4 feet bgs, west and north sidewalls at about 2 and 4 feet bgs and bottom near the center of the excavation at about 8 feet bgs. PBEL reported TPH below the RL in all samples. Hydrocarbon stained soil was observed near the northeast corner of the excavation and additional contamination was discovered upon further excavation. The excavation was extended north and east about 30 feet and deepened to about 16 feet bgs. Samples were collected from the sidewalls and bottom of the expanded excavation and reported BTEX and TPH below the RRAL. The final excavation measured 35 x 45 feet and ranged in depth from about 8 to 16 feet bgs. Excavation DP-01-01 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

2RP-3877 Remediation Report Nash Draw Tank Battery #1 and #6 March 21, 2017

surface was filled with topsoil. On December 22, 2016, LAI personnel seeded the remediation area at DP-01-01 with BLM Mix No. 2.

Soil was excavated at DP-01-03 from an area measuring approximately 30 x 30 feet by 8 feet deep. Soil samples were collected from the sidewalls at about 4 feet bgs and were analyzed for BTEX and TPH. PBEL reported BTEX below the Method 8020B RL and TPH below the RRAL. Excavation DP-01-03 was filled to surface with caliche.

Soil was excavated at DP-01-04 from an area measuring approximately 20 x 20 feet by 1 foot deep. Visual observations concluded that hydrocarbon impacted soil was successfully removed and the excavation was filled to surface with caliche.

Hydrocarbon staining was observed in an area north of DP-01-04 and west of DP-01-05. LAI personnel collected soil samples from two (2) locations (S-1 and S-2) from 6 and 8 feet bgs. PBEL reported benzene and BTEX below the RRAL. TPH was 1,360 mg/kg in sample S-1 at 6 feet and exceeded the RRAL. TPH was less than the RRAL in sample S-2 at 6 feet and below the RL in sample S-2 at 8 feet. Chloride was 675 mg/Kg and 1,070 mg/Kg in samples S-1, 6 and 8 feet bgs, respectively. Chloride was 476 mg/Kg and 2,290 mg/kg in samples S-2, 6 and 8 feet, respectively.

On December 6, 2016, OCD District 2 approved amended plan to remediate soil at S-1 and S-2. Soil was excavated at S-1 from an area measuring about 30 x 40 feet to about 7 feet bgs. The excavation was filled with caliche to about 3 feet bgs where 20 mil thickness polyethylene liner was installed in the bottom of the excavation. The remainder of the excavation above the liner was filled with caliche to ground surface. The remediation area except DP-01-01 was graded to the surrounding topography.

Approximately 1,380 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.

### 3.0 CONCLUSIONS

Soil was remediated according to the remediation plans approved by OCD District 2. XTO requests no further action for 2RP-3877.

# TABLES

Table 1
2RP-3877

Assessment Soil Sample Analytical Data Summary XTO Energy, Inc., Nash Draw Tank Battery 1 and 6 Unit H (SE/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	
DP-01 -BG	0-1	6/20/2016	In-Situ	<25.8	<25.8	<25.8	<25.8	165
DP-01-01	0 - 1	6/20/2016	Excavated	1,660	26,800	4,670	33,130	1,870
	1-2	6/20/2016	Excavated	2,730	23,500	3,350	29,500	6,050
	2-3	6/20/2016	Excavated	2,190	25,300	3,440	30,900	1
	3 - 4	6/20/2016	Excavated	224	1,810	269	2,300	4,790
	9	9/29/2016	Excavated	896	8,180	1,980	11,100	4,820
	10	9/29/2016	In-Situ	<28.7	38.0	<28.7	38.0	4,190
	14	9/29/2016	In-Situ	<26.9	146	39.0	185	2,180
	15	10/19/2016	In-Situ	1	1	I	1	1,540
	20	10/19/2016	In-Situ	SE.			51	722
	25	10/19/2016	In-Situ	ı	Ì	£	I	433
DP-01-02	0 - 1	6/20/2016	In-Situ	<137	541	181	722	39.6
	1-2	6/20/2016	In-Situ	1	I	£		
	2 - 3	6/20/2016	In-Situ	<29.1	<29.1	<29.1	<29.1	71.5
	3 - 4	6/20/2016	In-Situ	ľ	W	To the second se	1	1
DP-01-03	0 - 1	6/20/2016	Excavated	635	19,500	3,800	23,935	271
	1-2	6/20/2016	Excavated	1,470	20,100	2,960	24,500	1
	2 - 3	6/20/2016	Excavated	1,960	20,000	2,300	24,300	1

XTO Energy, Inc., Nash Draw Tank Battery 1 and 6 Assessment Soil Sample Analytical Data Summary 2RP-3877 Table 1

Unit H (SE/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	
	3-4	6/20/2016	Excavated	197	4,380	563	5,140	1
	9	9/29/2016	Excavated	85.7	3,230	722	4,030	E
	10	9/29/2016	In-Situ	<27.5	481	107	587	1
	14	9/29/2016	In-Situ	30.7	720	160	910.7	ı
DP-01-04	0-1	6/20/2016	Excavated	166	11,200	1,610	12,976	601
	1-2	6/20/2016	In-Situ	<29.4	175	35.1	210.1	1
	2-3	6/20/2016	In-Situ	<32.1	157	59.0	216.0	1
	3 - 4	6/20/2016	In-Situ	100	200		1	
DP-01-05	0-1	6/20/2016	In-Situ	<27.8	<27.8	<27.8	<27.8	306
	1-2	6/20/2016	In-Situ		1		3	1
	2-3	6/20/2016	In-Situ	ì	Ĩ	ı	Ī	II.
	3-4	6/20/2016	In-Situ	Î	Ī	Ī	ı	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

Table 2
2RP-3877
Confirmation Soil Sample Analytical Data Summary
XTO Energy, Inc., Nash Draw Tank Battery 1 and 6
Unit H (SE/4, NE/4), Section 13, Township 23 South, Range 29 East

Eddy County, New Mexico

Location	Sidewall	Depth	Collection	Status	Benzene	BTEX	C6 - C12	>C12 - C28	C6 - C12 >C12 - C28 >C28 - C35	TPH	Chloride
		(Feet)	Date		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
OCD RRAL:					10	20				1,000	
DP-01-01	East	2	11/14/2016	Excavated	<0.00109	0.01021	<27.174	89.979	455.91	1,132.59	ı
		4	11/14/2016	Excavated	<0.00111	0.00753	32.222	3,434.6	1,738	5,204.82	ı
		4	11/22/2016	In-Situ	1	1	<27.5	<27.5	<27.5	<27.5	ı
	South	4	11/14/2016	In-Situ	<0.00128	0.00644	<32.051	140.01	<32.051	140.01	ı
	West	2	11/14/2016	Excavated	<0.00114	0.00598	<28.409	922.56	478.47	1,403.73	1
		2	11/22/2016	In-Situ	ì	1	<26.3	208	202	710	1
		4	11/22/2016	In-Situ		3	<26.3	501	237	738	1
		4	11/14/2016	In-Situ	<0.00119	0.00183	<29.762	<29.762	<29.762	<29.762	1
	North	2	11/14/2016	Excavated	<0.00114	<0.00795	<28.409	2,777.2	1,327.8	4,105.00	1
		2	11/22/2016	In-Situ	1	3	<26.6	<26.6	<26.6	<26.6	1
		4	11/22/2016	In-Situ	1	3	<27.2	<27.2	<27.2	<27.2	ı
	Northeast	4	11/22/2016	In-Situ	1	1	<26.6	<26.6	<26.6	<26.6	ł
	Northwest	2	11/22/2016	In-Situ	1	475	<26.3	<26.3	<26.3	<26.3	ı
		4	11/22/2016	In-Situ	1	1)	<26.9	108	33.4	141.4	1
	Bottom	4	11/14/2016	Excavated	<0.00112	0.00499	<28.090	1,387.6	736.63	2,124.23	1
		∞	11/29/2016	In-Situ	P	1	<28.1	123	8.99	189.8	1
North Area	West	8	11/29/2016	In-Situ	Î	Ę	<27.5	540	233	733	1
		12	11/29/2016	In-Situ	Ĕ	Ē	<28.1	2.96	31.3	128	1
		16	11/29/2016	In-Situ	ŧ	ţ	<27.2	<27.2	<27.2	<27.2	4
	North	8	11/29/2016	Excavated	I	ß	352	2,290	535	3,170	1
			12/2/2016	In-Situ	Ţ	f	44.7	116	57.2	217.9	1
		12	11/29/2016	In-Situ	ŀ	ı	42.9	211	33.3	287.2	1

2RP-3877 Table 2

Unit H (SE/4, NE/4), Section 13, Township 23 South, Range 29 East Confirmation Soil Sample Analytical Data Summary XTO Energy, Inc., Nash Draw Tank Battery 1 and 6 Eddy County, New Mexico

16   11/29/2016	East 8 11/29/2016					16 11/29/2016		4	South 4 11/14/2016	4	West 4 11/14/2016		<b>Stained Area</b> S-1 6 12/2/2016	8 12/2/2016	S-2 6 12/2/2016	8   12/2/2016
In-Situ	In-Situ	In-Situ		In-Situ	In-Situ	In-Situ		In-Situ	In-Situ	In-Situ	In-Situ		In-Situ	In-Situ	In-Situ	In-Situ
ľ	ļ	Į	Ī	ì	ì	ĺ		<0.00109	<0.00108	<0.00105	<0.00109		0.00173	1	<0.0-112	1
IP E	1	į	ı	1	Ĭ	Ţ	1 min	0.00726	<0.00754	<0.00515	<0.00761		0.003263		<0.00786	***
57.4	<27.5	<27.8	<28.1	<28.7	<28.1	<27.8	Contract Con	<27.174	<26.882	<26.316	<27.174		170	<27.5	<28.1	<28.4
484	<27.5	<27.8	<28.1	45.7	<28.1	<27.8	23100	101.54	418.85	<26.316	380.83		1,030	<27.5	141	<28.4
80.5	<27.5	<27.8	<28.1	<28.7	<28.1	<27.8	100 PM W W W W W W W W W W W W W W W W W W	<27.174	191.27	<26.316	170.74	A CANAGO A	163	<27.5	32.2	<28.4
ł	ł	Ì	1	f	Ţ	ŀ		101.54	610.12	<26.316	551.57		1,360	<27.5	173.3	<28.4
ł	-	Į	Į	1	ł	I		1	3	1	I		675	1,070	476	2,290

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 guidance document (August 13, 1993)
P: Denotes excavation and laboratory results pending

# FIGURES

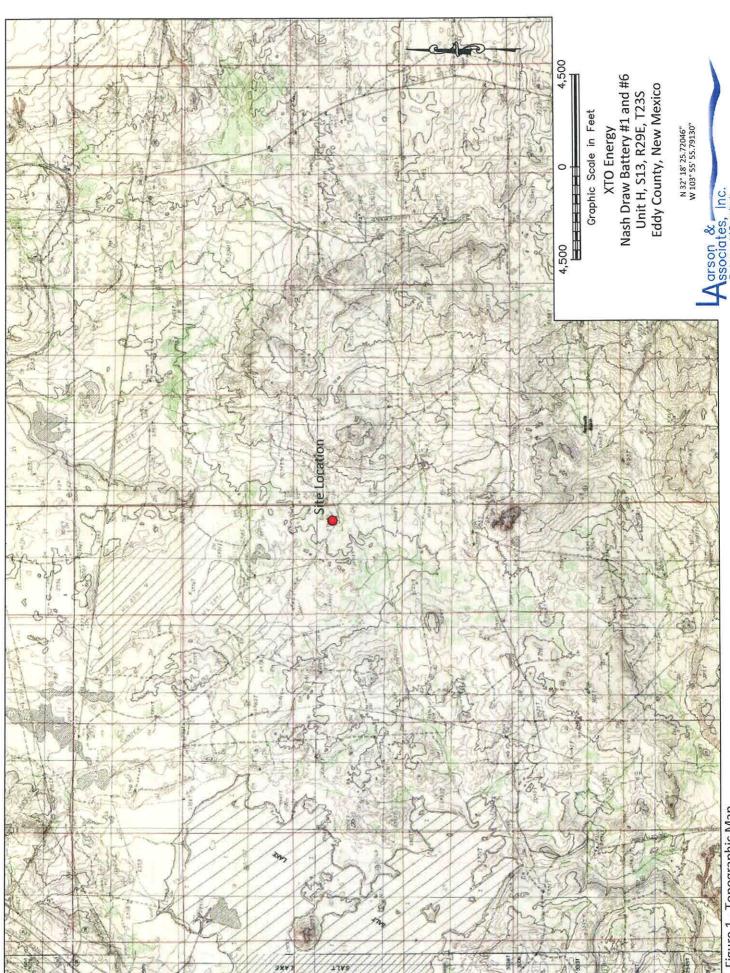


Figure 1 - Topographic Map

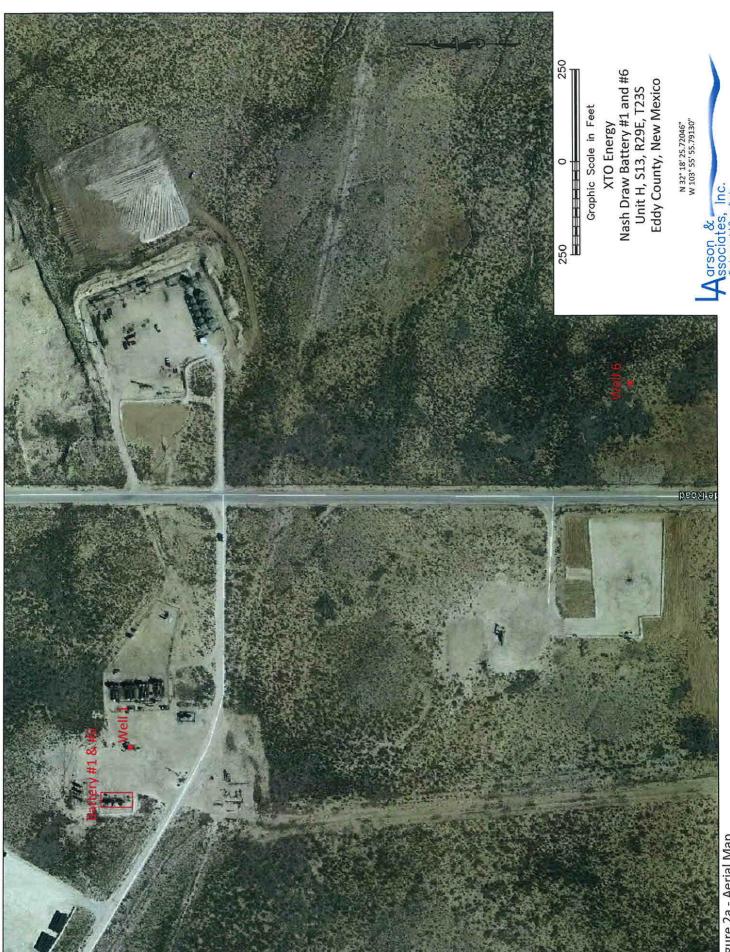


Figure 2a - Aerial Map



Figure 2b - Detailed Aerial Map

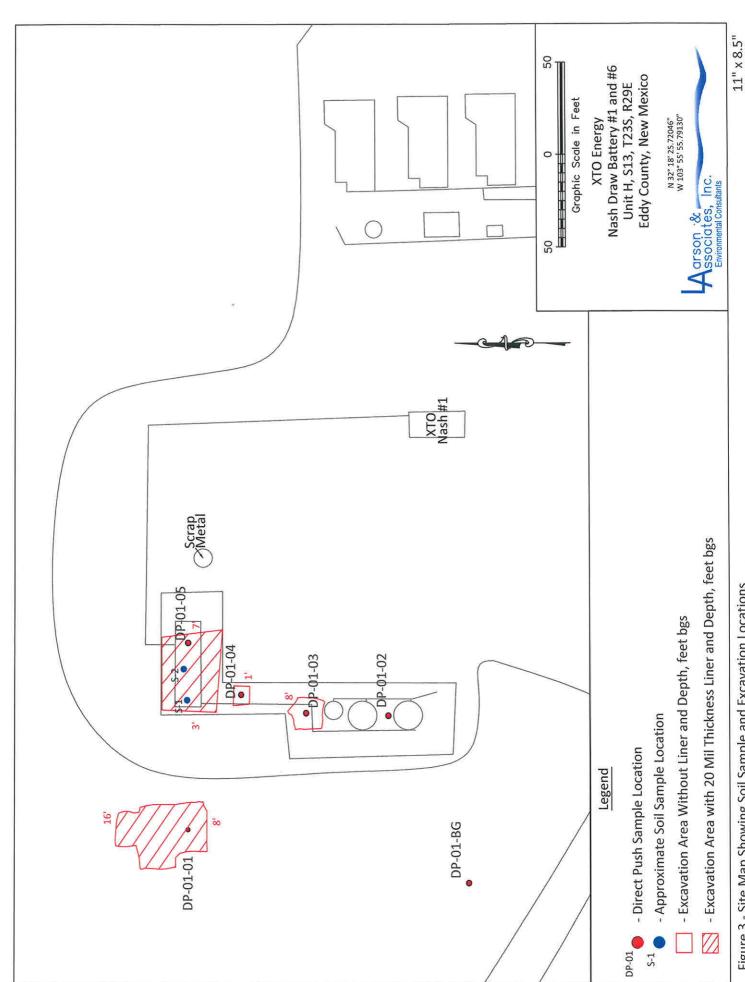


Figure 3 - Site Map Showing Soil Sample and Excavation Locations

# APPENDIX A OCD Approval

From:

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

Sent:

Thursday, November 10, 2016 10:02 AM

To:

Mark Larson

Cc:

McMinn, Dudley; Williams, Luke; Bratcher, Mike, EMNRD; Weaver, Crystal,

EMNRD; Price, Henryetta

Subject:

RE: 2RP-3877, Remediation Plan, Nash Draw Tank Battery #1 & #6, November

2, 2016

RE: XTO Energy \* Nash Draw Unit Battery #1 and #6 \* 30-015-21277 \* 2RP-3877

Mark,

Your proposed remediation for the above referenced site 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 6:43 PM

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

Cc: McMinn, Dudley; Williams, Luke

Subject: Re: 2RP-3877, Remediation Plan, Nash Draw Tank Battery #1 & #6, November 2, 2016

### All,

Please find attached remediation plan for the Nash Draw Tank Battery #1 & #6. The plan was revised to include BTEX in excavation samples, where applicable, and the laboratory report for soil samples collected on September 29, 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

From:

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

Sent:

Tuesday, December 06, 2016 2:39 PM

To:

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

Cc:

McMinn, Dudley; Williams, Luke

Subject:

RE: Nash Draw Battery #1 & #6 Remediation Status Report through December

2, 2016

Mark,

Your proposed remediation is approved.

Thank you,

Heather Patterson Environmental Specialist NMOCD 575-748-1283 ext.101 575-703-0228

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

Sent: Tuesday, December 6, 2016 10:31 AM

**To:** Bratcher, Mike, EMNRD < <u>mike.bratcher@state.nm.us</u>>; Patterson, Heather, EMNRD < <u>Heather.Patterson@state.nm.us</u>>; Weaver, Crystal, EMNRD < <u>Crystal.Weaver@state.nm.us</u>>

**Cc:** McMinn, Dudley < <u>Dudley McMinn@xtoenergy.com</u>>; Williams, Luke

<Luke Williams@xtoenergy.com>

Subject: FW: Nash Draw Battery #1 & #6 Remediation Status Report through December 2, 2016

### Here's the drawing I forgot to attach!

From: Mark Larson

Sent: Tuesday, December 06, 2016 11:19 AM

To: 'Bratcher, Mike, EMNRD'; 'Patterson, Heather, EMNRD'; 'Crystal.Weaver@state.nm.us'

Cc: 'McMinn, Dudley'; 'Williams, Luke'

Subject: Re: Nash Draw Battery #1 & #6 Remediation Status Report through December 2, 2016

Mike/Heather/Crystal,

Here's an update on the remediation Nash Draw Battery #1 & #6 through December 5, 2016:

DP-01-01

The excavation was extended north due to contamination identified during the initial excavation. The excavation was deepened to approximately 17 feet bgs and measures about 30'x60'. Samples were collected from the bottom and sidewalls and confirm BTEX and TPH below the RRALs.

North of DP-01-04/ Hydrocarbon contamination was observed while cleaning up surface staining. The hydrocarbon contamination extends to about 3 feet bgs except a 2 locations (S-1 and S-2) where hydrocarbon stain was indicated to about 6 feet bgs.

West of DP-01-05

Locations S-1 and S-2 were excavated to about 6 feet bgs to remove the hydrocarbon stained soil. Soil samples were collected at 6 and 8 feet bgs and reported TPH above the RRAL in sample S-1, 6 feet bgs (1,360 mg/Kg) and below the method detection limit (MDL) in sample S-1 at 8 feet bgs. Chloride was 675 mg/Kg and 1,070 mg/Kg in samples S-1 6 and 8 feet, respectively. TPH was 173.3 mg/Kg in sample S-2, 6 feet bgs and below the MDL in sample S-2, 8 feet bgs. Chloride was 476 mg/Kg (6 feet) and 2,290 mg/Kg (8 feet). Chloride was delineated to 433 mg/Kg a25 feet bgs in DP-01-01. The attached drawing (Figure 4) presents the approximate location of the exaction which measures about 25' x 35'. Table 2 presents the confirmation samples analytical data summary for Battery #1 & #6.

Remediation Proposal: excavate soil at S-1 to 7 feet bgs (approximately 1 foot), backfill entire excavation to 3 feet, install liner and finish with caliche to ground surface.

Your approval is requested for the remediation at S-1 and S-1. Please let me know if it's okay to proceed. We are currently backfilling the excavation at DP-01-01 to approximately 4 feet bgs followed by the liner installation and backfilling to ground surface with topsoil. It would be beneficial to complete the work at S-1 and S-1 while equipment is on location. Please contact Dudley McMinn with XTO at (432) 682-8873 or me if you have questions.

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

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## 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 #1 & #6 Project Number: 16-0108-01

Location: Eddy Co., NM

Lab Order Number: 6K15001



NELAP/TCEQ # T104704156-13-3

Report Date: 11/17/16

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-01-01,E4	6K15001-01	Soil	11/14/16 10:35	11-15-2016 09:06
DP-01-01,S4	6K15001-02	Soil	11/14/16 10:40	11-15-2016 09:06
DP-01-01,W4	6K15001-03	Soil	11/14/16 10:45	11-15-2016 09:06
DP-01-01,B4	6K15001-04	Soil	11/14/16 12:30	11-15-2016 09:06
DP-01-01,W2	6K15001-05	Soil	11/14/16 12:34	11-15-2016 09:06
DP-01-01,E2	6K15001-06	Soil	11/14/16 12:40	11-15-2016 09:06
DP-01-01,N2	6K15001-07	Soil	11/14/16 12:45	11-15-2016 09:06
DP-01-03, E4	6K15001-08	Soil	11/14/16 08:50	11-15-2016 09:06
DP-01-03, S4	6K15001-09	Soil	11/14/16 08:53	11-15-2016 09:06
DP-01-03, N4	6K15001-10	Soil	11/14/16 08:55	11-15-2016 09:06
DP-01-03, W4	6K15001-11	Soil	11/14/16 08:59	11-15-2016 09:06

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

### DP-01-01,E4 6K15001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin E	nvironmen	tal Lab, l	L <b>.P.</b>				
Organics by GC				eros acoust construction to					
Benzene	ND	0.00111	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00222	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	0.00118	0.00111	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	0.00379	0.00222	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (0)	0.00256	0.00111	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.0 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		73.2 %	75-1.	25	P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
C6-C12	32.222	27,778	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	3434.6	27.778	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	1738.0	27.778	mg/kg dry	ì	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		97.7 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		106%	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	5204.8	27.778	mg/kg dry	j	[CALC]	11/15/16	11/16/16	(CALC)	
General Chemistry Parameters by E	PA / Standard Metho	ds					1 V. 1990 p. Sales		0 K
% Moisture	10.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01,S4 6K15001-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	invironmen	ıtal Lab, l	L.P.				
Organics by GC		et voj fallo o dvakita kaon filosofico vi dva		403480 - 6470	<u> </u>				
Benzene	ND	0.00128	mg/kg dry	ï	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00256	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00128	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	0.00426	0.00256	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	0.00218	0.00128	mg∕kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.3 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.5 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	32.051	mg/kg dry	1	P6K 1703	11/15/16	11/15/16	TX 1005	
>C12-C28	140.01	32.051	mg/kg dry	Ī	P6K1703	11/15/16	11/15/16	TX 1005	
>C28-C35	ND	32.051	mg∕kg dry	ì	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: 1-Chlorooctane	The second second second second second second	77.1 %	70-1	30	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		91.6%	70-1	30	P6K1703	11/15/16	11/15/16	TX 1005	
Total Hydrocarbon nC6-nC35	140.01	32.051	mg∕kg dry	ì	[CALC]	11/15/16	11/15/16	[CALC]	
General Chemistry Parameters by E	PA / Standard Metho	ds					2000		
% Moisture	22.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson

### DP-01-01,W4 6K15001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	nvironmer	ital Lab, l	L.P.	300000140 1300 - 1300 - 540			
Organics by GC	A STATE OF THE STA	s, consider a more than expenses	D9			9.0		t intercent	
Benzene	ND	0.00119	mg/kg dry	I	P6K1502	11/15/16	11/15/16	EPA 8021B	9 13 12
Toluene	ND	0.00238	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	ï	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (0)	0.00183	0.00119	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		78.0 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Diffuorobenzene		77.0 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	29.762	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C12-C28	ND	29.762	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C28-C35	ND	29.762	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: 1-Chlorooctane		74.2 %	70-1	30	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		88.4 %	70-1	30	P6K1703	11/15/16	11/15/16	TX 1005	
Total Hydrocarbon nC6-nC35	ND	29.762	mg/kg dry	1	[CALC]	11/15/16	11/15/16	[CALC]	
General Chemistry Parameters by E	PA / Standard Metho	ds			40000000				itter .
% Moisture	16.0	0.1	%	ì	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01,B4 6K15001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
200 120 manual 41 44	Perr	nian Basin E	nvironmen	tal Lab, l	L.P.				
Organics by GC				a 102 (0.830)	000 (State 1 to 100 A + 600 A)				N.
Benzene	ND	0.00112	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	0.00360	0.00225	mg∕kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	0.00139	0.00112	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		75.2 %	75-12	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		74.0 %	75-12	25	P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
C6-C12	ND	28.090	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	1387.6	28.090	mg/kg dry	ì	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	736.63	28.090	mg/kg dry	i market in the second	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		95.5 %	70-1.	30	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		104 %	70-1.	30	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	2124,3	28.090	mg/kg dry	1	[CALC]	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by E	PA / Standard Metho	ds				- Families	ISAN AND PROFITED TOTAL		<u>e 10 - 10002 - 10</u>
% Moisture	11.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

Project: Nash Draw Battery #1 & #6

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

### DP-01-01,W2 6K15001-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
32. 5	Peri	nian Başin E	Invironmen	ital Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	ĩ	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00227	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	0.00401	0.00227	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	0.00197	0.00114	mg/kg dry	j.	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		79.7 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	10-1-10-10-10-10-10-10-10-10-10-10-10-10
Surrogate: 4-Bromofluorobenzene		78.2 %	75-1.	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	28.409	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	925.26	28.409	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	478.47	28.409	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: I-Chlorooctane		95.2 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		104 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	1403.7	28,409	mg/kg dry	1	[CALC]	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by E	PA / Standard Metho	ds							
% Moisture	12.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01,E2 6K15001-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	nvironmei	ıtal Lab, l	<b>ل.P.</b>				
Organics by GC					300				
Benzene	ND	0.00109	mg/kg dry	ļ	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	0.00242	0.00217	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	0.00565	0.00217	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (0)	0.00214	0.00109	mg∕kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.9 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		69.4 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
C6-C12	ND	27.174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	676.68	27.174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	455.91	27.174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane	STREET, STREET, ST. ST. ST. ST.	92.4 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		99.0 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	1132.6	27.174	mg/kg dry	1	(CALC)	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by El	PA / Standard Metho	ds							
% Moisture	8.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

### DP-01-01,N2 6K15001-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Invironmen	tal Lab, l	L.P.			5555555	
Organics by GC						and Wild State Services of Services			
Benzene	ND	0.00114	mg∕kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00227	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	3	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylenc (p/m)	ND	0.00227	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	****************************	75.7%	75-1.	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		77.0 %	75-1.	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	28.409	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	2777.2	28.409	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	1327.8	28.409	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		96.9 %	70-1.	30	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		104 %	70-1.	30	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	4105.0	28.409	mg/kg dry	ĵ	[CALC]	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by EF	A / Standard Metho	ds							2
% Moisture	12.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-03, E4 6K15001-08 (Soil)

		Reporting	10-97501	ILCHVILLY	780 17740		2010-000-000-000-0	Maria	Status
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	nvironmen	tal Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.00109	mg∕kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	0.00479	0.00217	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	0.00247	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		73.5 %	75-1.	25	P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		76.8 %	75-1.	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	27.174	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C12-C28	101.54	27.174	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C28-C35	ND	27.174	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: 1-Chloroactane	i egen Cana, a a egyalan ya ana inabaga regitar ce ek cunt	72.1 %	70-1	30	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		90.0 %	70-1	30	P6K1703	11/15/16	11/15/16	TX 1005	
Total Hydrocarbon nC6-nC35	101.54	27.174	mg/kg dry	1	[CALC]	11/15/16	11/15/16	[CALC]	
General Chemistry Parameters by E	PA / Standard Metho	ds		X6_2553					
% Moisture	8.0	0.1	%	j	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-03, S4 6K15001-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	mian Basin E	Invironment:	al Lab, l	L.P.				
Organics by GC			YS.	150000000000000000000000000000000000000		data para para para para para para para p	PC PC		d - 160
Benzene	ND	0.00108	mg/kg đry	î.	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00215	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	$\mathbf{l}_0$	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg∕kg dry	14.	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1.	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		73.9 %	75-125	5	P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		77.6 %	75-125	<b>5</b> ***	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	26.882	mg/kg dry	$\langle \mathbf{F} \rangle$	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	418.85	26.882	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	191.27	26.882	mg/kg dry	. Allene s	P6K1703	11/15/16	11/16/16	TX 1005	20110 20110
Surrogate: 1-Chlorooctane		90.0 %	70-130	)	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		97.7 %	70-130	)	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	610.12	26.882	mg/kg dry	ì,	[CALC]	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by EF	A / Standard Metho	ds							
% Moisture	7.0	0.1	%	14.	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-03, N4 6K15001-10 (Soil)

Analyte	Reporting Result Limi		Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basin	Environment	tal Lab, l	L.P.				
Organics by GC							- MATERIA - ALL REMONESSE DE LA CALLESTICA.	Mark Street Street
Benzene	ND 0.00105	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND 0.00211	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND 0.00105	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m) 0.0	0.00211	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o) 0.0	0200 0.00105	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	artik in kritistisisi
Surrogate: 4-Bromofluorobenzene	81.2 %	75-12	5	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	80.2 %	75-12	5	P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND 26.316	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C12-C28	ND 26.316	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C28-C35	ND 26,316	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	UED 54 80
Surrogate: 1-Chlorooctane	71.8 %	70-13	0	P6K1703	11/15/16	11/15/16	TX 1005	it was at the
Surrogate: o-Terphenyl	91.0 %	70-13	0	P6K1703	11/15/16	11/15/16	TX 1005	
Total Hydrocarbon nC6-nC35	ND 26.316	mg/kg dry	1	[CALC]	11/15/16	11/15/16	[CALC]	
General Chemistry Parameters by EPA / Standard	d Methods		and the state of t					c francosin a constan
% Moisture	5.0 0.1	%	(I	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson

### DP-01-03, W4 6K15001-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin E	Invironmen	ital Lab, l	L.P.				
Organics by GC		NOTES OF S	_acardonistan						
Benzene	ND	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		77.6 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		69.7 %	75-1	25	P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
C6-C12	ND	27.174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C12-C28	380.83	27.174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	1 <b>7</b> 0.74	27,174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		92.5 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		100 %	70-1	30	P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	551.57	27.174	mg/kg dry	1	[CALC]	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by EF	A / Standard Metho	ds							
% Moisture	8.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

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

10000000000000000000000000000000000000	SELVICE TO SELECT					1,000,000				
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
										2 2

Batch P6K1502 - General Preparatio	n (GC)						HARRIX (NEWS) NO. 90		PROCESSOR IN TELEPORT	arese Europe de d
Blank (P6K1502-BLK1)				Prepared &	t Analyzed:	1/15/16	2000	1920E 2000A200A200		Maria reportation and
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	0.0							
Ethylbenzene	ND	0.00100	H							
Xylene (p/m)	ND	0.00200	•							
Xylene (o)	ND	0.00100	716							
Surrogate: 1,4-Difluorobenzene	0.0576		·	0.0800	y rightermore	72.0	75-125	, v. a. g. v. g. s.		S-GC
Surrogate: 4-Bromofluorobenzene	0.0629		· #	0.0800		78.6	75-125			
LCS (P6K1502-BS1)				Prepared &	Analyzed:	11/15/16		MCSW/65a 100-aa-aa-aasa	-71	
Benzene	0.0890	0.00100	mg/kg wet	0.100		89.0	70-130			
Toluene	0.0932	0.00200	100	0.100		93.2	70-130			
Ethylbenzene	0.106	0.00100	(10)	0.100		106	70-130			
Xylene (p/m)	0.194	0.00200	( <b>11</b> )	0.200		96.8	70-130			
Xylene (o)	0.0956	0.00100	0.00	0.100		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0662		. <b>H</b>	0.0800	outilizationi fictioni	82.8	75-125	AND DESCRIPTION OF THE PARTY OF		
Surrogate: 1,4-Difluorobenzene	0.0645		Ä	0.0800		80.6	75-125			
LCS Dup (P6K1502-BSD1)				Prepared &	k Analyzed:	11/15/16				
Benzenc	0.0869	0.00100	mg/kg wet	0.100		86.9	70-130	2.37	20	
Toluene	0.0928	0.00200		0.100		92.8	70-130	0.452	20	
Ethylbenzene	0.109	0.00100	200	0.100		109	70-130	3.00	20	
Xylene (p/m)	0.193	0.00200	Ü	0.200		96.3	70-130	0.451	20	
Xylene (o)	0.0958	0.00100	00	0.100		95.8	70-130	0.167	20	
Surrogate: 1,4-Difluorobenzene	0.0603		h	0.0800	BING THE DIRECTOR	75.3	75-125		Succession Commen	
Surrogate: 4-Bromofluorobenzene	0.0630		Ħ	0.0800		78.8	75-125			QM-07
Matrix Spike (P6K1502-MS1)	Sou	ce: 6K14002	2-09	Prepared &	k Analyzed:	11/15/16		EE -0010-000	Kansalovinosok viens	race on a process on the Williams I.
Benzene	0.144	0.00106	mg∕kg dry	0.213	ND	67.5	80-120	X-9541424		QM-07
Toluene	0.151	0.00213	30	0.213	ND	71.0	80-120			QM-03
Ethylbenzene	0.158	0.00106	H	0.213	0.000670	74.1	80-120			QM-01
Xylene (p/m)	0.277	0.00213	н	0.426	ND	65.2	80-120			QM-0'
Xylene (o)	0.141	0.00106	К	0.213	ND	66.1	80-120			QM-01
Surrogate: 1,4-Difluorobenzene	0.0757		n	0.0851	16 76	89.0	75-125		wa is the in	s enemananan m
Surrogate: 4-Bromofluorobenzene	0.0736		n	0.0851		86.5	75-125			

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 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 P6K1502 - General Preparation (C	GC)			V-25-V	-6-3X		CATTER CONTRACTOR — BU		30.0	/A-77-0-0
Matrix Spike Dup (P6K1502-MSD1)	Sour	ce: 6K14002	-09	Prepared &	& Analyzed:	11/15/16	745.7000 2002-0003 - 50000			
Benzene	0.129	0.00106	mg/kg dry	0.213	ND	60.4	80-120	11.1	20	QM-0
Toluene	0.135	0.00213	3413	0.213	ND	63.3	80-120	11.6	20	QM-0
Ethylbenzene	0.145	0.00106	910	0.213	0.000670	67.6	80-120	9.07	20	QM-0
Xylene (p/m)	0.250	0.00213	(0)	0.426	ND	58.8	80-120	10.2	20	QM-0
Xylene (o)	0.129	0.00106	306	0.213	ND	60.7	80-120	8.42	20	QM-0
Surrogate: 1,4-Diffuorobenzene	0.0716		и	0.0851		84.2	75-125	o (00.500.000.000.00		CONTRACTOR CONTRACTOR
Surrogate: 4-Bromofluorobenzene	0.0675		<b>,</b>	0.0851		79.3	75-125			
Batch P6K1703 - TX 1005									v sakony	
Blank (P6K1703-BLK1)				Prepared &	& Analyzed:	11/15/16	andr pattern value value			
C6-C12	ND	25.000	mg/kg wet	A) Since Control	and that has dithe catheres					
>C12-C28	ND	25.000	- 64							
>C28-C35	ND	25.000	500							
Surrogate: 1-Chlorooctane	73.8		11	100	more management of	73.8	70-130		tropostroner cardi	
Surrogate: o-Terphenyl	43.6		u	50.0		87.3	70-130			
LCS (P6K1703-BS1)				Prepared 8	& Analyzed:	11/15/16				no yluoniasti neutoniasi
C6-C12	938	25.000	mg/kg wet	1000		93.8	75-125			
>C12-C28	953	25.000	36	1000		95.3	75-125			
Surrogate: 1-Chlorooctane	90.0	******************	, <b>H</b>	100	edicia intercativide	90.0	70-130		enconstanting to the con-	
Surrogate: o-Terphenyl	41.5		ij	50.0		83.0	70-130			
Matrix Spike (P6K1703-MS1)	Sour	ce: 6K15001	1-03	Prepared a	& Analyzed:	11/15/16				
C6-C12	1170	29.762	mg/kg dry	1190	18.9	96.5	75-125			
>C12-C28	1150	29.762	0	1190	ND	96.7	75-125			
Surrogate: 1-Chlorooctane	101	55 2695	<b>n</b> 31 111	119	ENV WHEE	85.1	70-130	554	and the second second second	
Surrogate: o-Terphenyl	50.8		"	59.5		85.3	70-130			

Project: Nash Draw Battery #1 & #6

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

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

										HE OF CHURCHES HAS SERVICED AND
		Reporting		Spike	Source		%REC		RPD	Î
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

75 7 7	DAYA TO	4 411	1000
Batch	P6K170	1.) - 1 A	1005

Matrix Spike Dup (P6K1703-MSD1)	Sour	ce: 6K15001	1-03	Prepared &	Analyzed:	11/15/16			
C6-C12	1220	29,762	mg/kg dry	1190	18.9	101	75-125	4.34	20
>C12-C28	1200	29.762	31	1190	ND	100	75-125	3.77	20
Surrogate: 1-Chlorooctane	103	200704000 555	u	119		86.8	70-130	1005000	
Surrogate: o-Terphenyl	52.6		n	59.5		88.4	70-130		

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

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

										The second secon
· · · · · ·	9 0	Reporting		Spike	Source		%REC	0.000000	RPD	200
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6K1604 - *** DEFAULT PREP ***									W. W	) — W.S. S.
Blank (P6K1604-BLK1)		bacangerang nov en p	y PODE LE LOS DAN EN LA	Prepared &	¿ Analyzed:	11/16/16		ESIMENTO SAVE		
% Moisture	ND	0.1	%							
Duplicate (P6K1604-DUP1)		rce: 6K15001-	-11	Prepared &	Analyzed:	11/16/16	NAMES OF THE OWNER, THE		y	***************
% Moisturc	9.0	0.1	%		8.0			11.8	20	
Duplicate (P6K1604-DUP2)	Sou	rce: 6K15003-	-13	Prepared &	k Analyzed:	11/16/16	a-1,000 april 1 ac	LANGUA CONTRACT	ng ngahawa palawa a sansari sa	
% Moisture	4.0	0,1	%	C C C 24 C C 24 C C 24 C C C C C C C C C	5.0			22.2	20	

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
٧R	Not Reported
lry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
.CS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:	Market San Control of	_ Date:	11/17/2016

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.

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.

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	Data Reported to:					N	432-08/-090	255		AA	LAI PROJECT #: 16-6 108 -01	#. <b>! 6</b>	N NA SO SO	Z   - ?	1 Les	COLLECTOR:	- A-C-L	√3. ±	1 A	<b>4</b>
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# 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 #1 & #6
Project Number: 16-0108-01
Location: New Mexico

Lab Order Number: 6K23001



NELAP/TCEQ # T104704156-13-3

Report Date: 11/24/16

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

Fax: (432) 687-0456

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-01-01-B14'	6K23001-01	Soil	11/22/16 13:30	11-23-2016 08:40
DP-01-01-B16'	6K23001-02	Soil	11/22/16 13:40	11-23-2016 08:40
DP-01-01-B18'	6K23001-03	Soil	11/22/16 14:25	11-23-2016 08:40
DP-01-01-B20 <sup>4</sup>	6K23001-04	Soil	11/22/16 14:27	11-23-2016 08:40
DP-01-01-E4'	6K23001-05	Soil	11/22/16 14:53	11-23-2016 08:40
DP-01-01-NE4'	6K23001-06	Soil	11/22/16 14:40	11-23-2016 08:40
DP-01-01-N4'	6K23001-07	Soil	11/22/16 14:30	11-23-2016 08:40
DP-01-01-NW4'	6K23001-08	Soil	11/22/16 14:50	11-23-2016 08:40
DP-01-01-W4'	6K23001-09	Soil	11/22/16 15:00	11-23-2016 08:40
DP-01-01-N2'	6K23001-10	Soil	11/22/16 15:47	11-23-2016 08:40
DP-01-01-NW2'	6K23001-11	Soil	11/22/16 15:50	11-23-2016 08:40
DP-01-01-W2'	6K23001-12	Soil	11/22/16 15:45	11-23-2016 08:40

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01

Project Manager: Mark Larson

Fax: (432) 687-0456

# DP-01-01-B14' 6K23001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	Invironmen	tal Lab, I	P.				
Organics by GC									
Benzene	0.138	0.115	mg/kg dry	100	P6K2406	11/23/16	11/24/16	EPA 8021B	
Toluene	0.606	0.230	mg/kg dry	100	P6K2406	11/23/16	11/24/16	EPA 8021B	
Ethylbenzene	2.12	0.115	mg/kg dry	100	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (p/m)	2.91	0.230	mg/kg dry	100	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (0)	0.764	0.115	mg/kg dry	100	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		67.4 %	75-1.	25	P6K2406	11/23/16	11/24/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		78.6 %	75-1.	25	P6K2406	11/23/16	11/24/16	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Method	ls							
% Moisture	13.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	35 by EPA Method 80	)15M							
C6-C12	7020	287	mg/kg dry	10	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C12-C28	15000	287	mg/kg dry	10	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C28-C35	2840	287	mg/kg dry	10	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane	***************************************	122 %	70-1.	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	24900	287	mg/kg dry	10	[CALC]	11/23/16	11/23/16	calc	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-B16' 6K23001-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Invironmer	ıtal Lab, l	L.P.				
Organics by GC			ANTINESSON FRANKSIS - PA	71	11 10 10 10 10 10				2) 1888
Benzene	0.0628	0.0217	mg/kg dry	20	P6K2406	11/23/16	11/24/16	EPA 8021B	
Toluene	0.170	0.0435	mg/kg dry	20	P6K2406	11/23/16	11/24/16	EPA 8021B	
Ethylbenzene	0.320	0.0217	mg/kg dry	20	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (p/m)	0.540	0.0435	mg/kg dry	20	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (o)	0.0991	0.0217	mg/kg dry	20	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		80.0 %	75-1	25	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		74.6 %	75-1	25	P6K2406	11/23/16	11/24/16	EPA 8021B	S-G
General Chemistry Parameters by EP	A / Standard Metho	ds				64 - 147737 10 - 1879 1100 30	2000		
% Moisture	8.0	0.1	%	j	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	35 by EPA Method 8	015M		n den sansanda - Rey Fre		(0)	27.52.529.6300.645	wit 150	
C6-C12	3600	272	mg/kg dry	10	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C12-C28	13900	272	mg/kg dry	10	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C28-C35	2470	272	mg/kg dry	10	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane	CONTRACTOR	92.0 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	19900	272	mg/kg dry	10	[CALC]	11/23/16	11/23/16	calc	

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-B18' 6K23001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin E	nvironmen	tal Lab, I	P.				
Organics by GC						950 0000000	2022		k - 25
Benzene	ND	0.00106	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Toluene	ND	0.00213	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Ethylbenzene	0.00163	0.00106	mg/kg dry	I	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (p/m)	0.00470	0.00213	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	research each
Surrogate: 1,4-Difluorobenzene		94.7 %	75-1	25	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		145 %	75-1	25	P6K2406	11/23/16	11/24/16	EPA 8021B	S-GC
General Chemistry Parameters by El	A / Standard Metho	ds							
% Moisture	6.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 8	015M		10	10,0000000		AND TO STORE STORE AND THE		
C6-C12	46.6	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C12-C28	283	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C28-C35	50.3	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane		116%	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	525 535
Surrogate: o-Terphenyl		122 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	380	26.6	mg/kg dry	J	[CALC]	11/23/16	11/23/16	calc	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-B20' 6K23001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	nvironmen	ital Lab, l	L.P.				
Organics by GC	49 - 1912 MACCHE		-679				NLS: 47 4		
3enzene	ND	0.00110	mg/kg dry	ä	P6K2406	11/23/16	11/24/16	EPA 8021B	aks — E.E. Villenskerver
Toluene	ND	0.00220	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Kylene (o)	ND	0.00110	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.8 %	75-1	25	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-1	25	P6K2406	11/23/16	11/24/16	EPA 8021B	
General Chemistry Parameters by EPA	A / Standard Method	ds				77.00	37		20725 2075
% Moisture	9.0	0.1	%	l	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 8	015M					personal superior		32/05
C6-C12	ND	27.5	mg/kg dry	4	P6K2402	11/23/16	11/23/16	TPH 8015M	
-C12-C28	102	27.5	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
C28-C35	ND	27.5	mg∕kg dry		P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
iurrogate: o-Terphenyl		120 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	102	27.5	mg/kg dry	ij.	[CALC]	11/23/16	11/23/16	calc	

P.O. Box 50685 Midland TX, 79710

Surrogate: o-Terphenyl

Total Petroleum Hydrocarbon C6-C35

Project: Nash Draw Battery #1 & #6

P6K2402

[CALC]

11/23/16

11/23/16

11/23/16

11/23/16

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-E4' 6K23001-05 (Soil)

	Network Average Sciences Acceptant report retails		Strong Blog Caragas			NAMES OF TAXABLE PARTY.	Mark Control		
Analyte	Rep Result	orting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian B	asin E	Cnvironment	al Lab, l	L.P.				
General Chemistry Parameters by	EPA / Standard Methods			D. M. D. M					19 a / Ala Fai
% Moisture	9.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons Co	6-C35 by EPA Method 8015M							es a completo de la responsación	gi
C6-C12	ND	27.5	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C28-C35	ND	27.5	mg∕kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane	in the second section $V$ and the second $V$	114%	70-130	9	P6K2402	11/23/16	11/23/16	TPH 8015M	

70-130

123 %

27.5 mg/kg dry

ND

Fax: (432) 687-0456

TPH 8015M

calc

Project: Nash Draw Battery #1 & #6

P6K2402

[CALC]

11/23/16

11/23/16

11/23/16

11/23/16

Fax: (432) 687-0456

TPH 8015M

calc

P.O. Box 50685 Midland TX, 79710

Surrogate: o-Terphenyl

Total Petroleum Hydrocarbon C6-C35

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-NE41 6K23001-06 (Soil)

7					William State Indian		1961 74414 (2027/2021) 15		
n #	provide the second of the seco	orting					20 20 20	000 BK W W	575.00
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Permian Ba	isin E	nvironmer	ntal Lab, l	J.P.				
General Chemistry Parameters by	EPA / Standard Methods		DOTAL ESTABLISH		252				
% Moisture	6.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons Co	6-C35 by EPA Method 8015M							A - 44-A P - 475-1-15	an Andrews
C6-C12	ND	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	es to too too.
Surrogate: 1-Chlorooctane	1	06 %	70-1	30	P6K2402	11/23/16	11/23/16	TPH 8015M	

70-130

1

116%

26.6 mg/kg dry

ND

Fax: (432) 687-0456 Project: Nash Draw Battery #1 & #6 Larson & Associates, Inc.

P.O. Box 50685 Midland TX, 79710

Surrogate: o-Terphenyl

Total Petrolcum Hydrocarbon C6-C35

Project Number: 16-0108-01 Project Manager: Mark Larson

# DP-01-01-N4' 6K23001-07 (Soil)

125-000 total total		237325	There's skilled with		1135711150		water Marketin		
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Propared	Analyzed	Method	Note
	Perm	ian Basin E	Invironme	ntal Lab, l	L.P.				
General Chemistry Parameters by	EPA / Standard Method	<u> </u>		ar an menan		ua			
% Moisture	8.0	0.1	%	ì	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons C6	-C35 by EPA Method 80	15M	2.100						
C6-C12	ND	27.2	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane	0.000000000000000000000000000000000000	111%	70-1	130	P6K2402	11/23/16	11/23/16	TPH 8015M	

70-130

123%

27.2 mg/kg dry

ND

P6K2402

[CALC]

11/23/16

11/23/16

11/23/16

11/23/16

TPH 8015M

calc

Larson & Associates, Inc. Project: Nash Draw Battery #1 & #6 Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-NW4' 6K23001-08 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

% Moisture	7.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M					recons.	47
C6-C12	ND	26.9	mg/kg dry	11:	P6K2402	11/23/16	11/23/16	TPH 8015M
>C12-C28	108	26.9	mg/kg dry	$\mathbf{l}_{i}$	P6K2402	11/23/16	11/23/16	TPH 8015M
>C28-C35	33,4	26.9	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: 1-Chlorooctane		109 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		118%	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	142	26.9	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-W4' 6K23001-09 (Soil)

		Reporting					2	5000 10 10	10.0
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EPA	A / Standard Method:	\$ :				market.	1500000 and 1000000000000000000000000000000000000	
% Moisture	5.0	0.1	%	a	P6K2401	11/24/16	11/24/16	% calculation
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M						
C6-C12	ND	26.3	mg/kg dry	j	P6K2402	11/23/16	11/23/16	TPH 8015M
>C12-C28	501	26.3	mg/kg dry	ĵ	P6K2402	11/23/16	11/23/16	TPH 8015M
>C28-C35	237	26.3	mg/kg dry	1.	P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: 1-Chlorooctane		110%	70-130	)	P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		120 %	70-130	)	P6K2402	11/23/16	11/23/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	738	26.3	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc

Larson & Associates, Inc. Project: Nash Draw Battery #1 & #6 Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-N2' 6K23001-10 (Soil)

		Reporting							6
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EPA	Standard Method	s						
% Moisture	6.0	0.1	%	ì	P6K2401	11/24/16	11/24/16	% calculation
Total Petroleum Hydrocarbons C6-C35 I	oy EPA Method 80	15M					1,00,000	S100X2
C6-C12	ND	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M
>C12-C28	ND	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M
>C28-C35	ND	26.6	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: 1-Chlorooctane		110%	70-130	alagadar as	P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		120%	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/23/16	11/23/16	cale

Larson & Associates, Inc. Project: Nash D

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-NW2' 6K23001-11 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EPA/	Standard Method	s						
% Moisture	5.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
Total Petrolcum Hydrocarbons C6-C35 b	y EPA Method 80	15M					Selection (SSS)	William When the College of the Coll
C6-C12	ND	26.3	mg/kg dry	1	P6K2402	11/23/16	11/24/16	ТРН 8015М
>C12-C28	ND	26.3	mg/kg dry	1	P6K2402	11/23/16	11/24/16	TPH 8015M
>C28-C35	ND	26.3	mg∕kg dry	1	P6K2402	11/23/16	11/24/16	TPH 8015M
Surrogate: I-Chlorooctane		104%	70-130		P6K2402	11/23/16	11/24/16	TPH 8015M
Surrogate: o-Terphenyl		109%	70-130		P6K2402	11/23/16	11/24/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	11/23/16	11/24/16	calc

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01-W2' 6K23001-12 (Soil)

Suppleminately (		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
							***********	***************************************	

## Permian Basin Environmental Lab, L.P.

% Moisture	5.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M	9					
C6-C12	ND	26.3	mg/kg dry	1	P6K2403	11/23/16	11/23/16	TPH 8015M
>C12-C28	508	26.3	mg/kg dry	1	P6K2403	11/23/16	11/23/16	TPH 8015M
>C28-C35	202	26.3	mg/kg dry	1	P6K2403	11/23/16	11/23/16	TPH 8015M
Surrogate: 1-Chlorooctane		111%	70-130		P6K2403	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		122 %	70-130		P6K2403	11/23/16	11/23/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	710	26.3	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

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

No. 1900 (1909) On United (ICD) (1909)	LACE PARASITIONS RECOGNISSION	100147-00000, 2007-00-10-10-10-			1 ( 1 m) - ( 1 m) / ( 1 m) / ( 1	202000000000000000000000000000000000000		A SCHOOL SECTION AND A SCHOOL			f .
		Reporting		Spike	Source		%REC		RPD		l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	l

Blank (P6K2406-BLK1)	ethologicheren sin se ses e	2 0 335		Prepared & Analy	yzed: 11/23/16		
Benzene	ND	0.00100	mg/kg wet				
Toluene	ND	0.00200	190				
Ethylbenzene	ND	0.00100	Self				
Xylene (p/m)	ND	0.00200	ेंबं				
Xylene (o)	ND	0.00100	i e				
Surrogate: 4-Bromofluorobenzene	0.0623		я	0.0600	104	75-125	Annie de la companya
Surrogate: 1,4-Difluorobenzene	0.0571		Ü	0.0600	95.2	75-125	
LCS (P6K2406-BS1)				Prepared & Analy	yzed: 11/23/16		
Benzene	0.0882	0.00100	mg/kg wet	0.100	88.2	70-130	
Toluene	0.0944	0.00200	æ	0.100	94.4	70-130	
Ethylbenzene	0.113	0.00100	:00	0.100	113	70-130	
Xylene (p/m)	0.197	0.00200	(38)	0.200	98.3	70-130	
Xylene (o)	0.0971	0.00100	:96	0.100	97.1	70-130	
Surrogate: 1,4-Difluorobenzene	0.0583	EXCESSION SECTION	<u>a</u>	0.0600	97.2	75-125	***************************************
Surrogate: 4-Bromofluorobenzene	0.0646		<u>A</u>	0.0600	108	75-125	

Larson & Associates, Inc. Project: Nash Draw Battery #1 & #6

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

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

Meanine III.										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6K2401 - *** DEFAULT PREP ***					TRUSPAL					
Blank (P6K2401-BLK1)				Prepared &	Analyzed:	11/24/16				W Summanus - Summ
% Moisture	ND	0.1	%							
Duplicate (P6K2401-DUP1)	Sou	rce: 6K22008-	16	Prepared &	k Analyzed:	: 11/24/16		secutions	regression tener	
% Moisture	18,0	0.1	%		20.0		(110 State	10.5	20	
Duplicate (P6K2401-DUP2)	Sou	rce: 6K22010-	05	Prepared &	k Analyzed:	11/24/16				
% Moisture	2.0	0.1	%		3.0		1 200:00:00:00:00:00:00	40.0	20	
Duplicate (P6K2401-DUP3)	Sou	rce: 6K22010-	12	Prepared &	& Analyzed	: 11/24/16				
% Moisture	2.0	0.1	%		3.0			40.0	20	
Duplicate (P6K2401-DUP4)	Sou	rce: 6K23001-	12	Prepared &	& Analyzed	: 11/24/16			: III MARINE MAR	
% Moisturc	5.0	0.1	%	.,	5.0		AND DESCRIPTION OF THE PARTY OF	0.00	20	

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01

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
Allaryte	Resuit	Emile	Omes	Lever	Result	76KLC	Limis	KED	Emilia	110103
Batch P6K2403 - TX 1005										
Blank (P6K2403-BLK1)				Prepared &	& Analyzed:	11/23/16				
C6-C12	ND	25.0	mg∕kg wet		COLUMN COLUMN COLOR	openion, manus	solar internation	\$1000000000000000000000000000000000000		
>C12-C28	ND	25.0	H							
>C28-C35	ND	25.0								
Surrogate: 1-Chlorooctane	132		<i>n</i>	110		120	70-130			entre de particie
Surrogate: o-Terphenyl	69.2		5 <b>W</b> 3	55.0		126	70-130			
LCS (P6K2403-BS1)				Prepared &	k Analyzed:	11/23/16				
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125		KONTANTON 1000	
>C12-C28	1020	25.0	[16]	1000		102	75-125			
Surrogate: 1-Chlorooctane	114		и	100	MUNICIPIENSISSE PART	114	70-130			
Surrogate: o-Terphenyl	50.3			50.0		101	70-130			
LCS Dup (P6K2403-BSD1)				Prepared &	& Analyzed	: 11/23/16				
C6-C12	1020	25.0	mg∕kg wet	1000		102	75-125	2.98	20	
>C12-C28	1050	25.0	300	1000		105	75-125	2.60	20	
Surrogate: 1-Chlorooctane	110		и	100		110	70-130			
Surrogate: o-Terphenyl	48.2		H	50.0		96.5	70-130			
Matrix Spike (P6K2403-MS1)	Sou	rce: 6K2200	5-16	Prepared:	11/23/16 A	nalyzed: 11	1/24/16			
C6-C12	1230	28.4	mg/kg dry	1140	18.5	107	75-125			9011/00/00/20 10011/10
>C12-C28	1220	28.4	н	1140	21.4	106	75-125			
Surrogate: 1-Chlorooctane	141	estrement "	<i>n</i>	114	en orași en en centre	124	70-130			
Surrogate: o-Terphenyl	59.0		u	56.8		104	70-130			
Matrix Spike Dup (P6K2403-MSD1)	Sou	rce: 6K2200	6-16	Prepared:	11/23/16 A	nalyzed: 1	1/24/16			
C6-C12	1270	28.4	mg/kg dry	1140	18.5	110	75-125	3.22	20	
>C12-C28	1270	28.4	11	1140	21.4	109	75-125	3.50	20	
Surrogate: 1-Chlorooctane	144	\$2 PM96	. <b>#</b>	114		126	70-130	<u> </u>	987 12 BISHAR - 1	Seram ID Danie D
Surrogate: o-Terphenyl	64.8		· n	56.8		114	70-130			

Larson & Associates, Inc. Project: Nash Draw Battery #1 & #6 Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-01 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. BULK Samples received in Bulk soil containers Analyte DETECTED DET 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

	R. E. Kang	Tv (	
Report Approved By:	Properties 1 to 1 t	Date:	11/24/2016

Brent Barron, Laboratory Director/Technical Director

MS

Dup

Matrix Spike

Duplicate

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

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

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.

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CHAIN-OF-CUSTOE	PAGE   OF   5		Daw Battey 1			32 00 1:41 00 1:41 00 1:00 00			\$\\ \psi\\ \psi\															LABORATORY USE ONLY:	RECEIVING TEMP: THEKM #:	CUSTODY SEALS - LIBROKEN WINIACI LING LOSED	CARNER BILL #	לבוביים היייים הייים
	DATE: 11 23 16	PO #		LAI PROJECT #: AL	0000	The Co.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 (89 (89 ) 15 (5) (16) (16) (16) (16) (16) (16) (16) (16																lature) NOKWAL C		OTHER [	
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(000000)	}	&_	NSOCIOTES, INC. Environmental Consultants	25	S=SOIL P=PAINT W=WATER SL=SLUDGE	A=AIR			Lab # Date Time	1 1/20/16 1:30	\$ T.1	2:45	72.9	4:53	2:40	2:30	2:50	2,00	3:47	3:50	3:HS			11	Y.(Signature) DATE/TIME			·
•		☐ arson	SSOCIC Environme	Data Reported to:	TRRP report?	Time 70MF.	Time zone/State:	S S	Field Sample I.D.	D-01-01-BH	516	818	820.	<u>".</u>	NEY.	ŠŢ	NW4	3 1	Na.	רטאר	ريم الاس		TOTAL	RELINQUISHED BY: (Signet)	RELINQUISHED BY:(%)	REI INOLIISHEN BY (Signafilie)		

# 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 #1 & #6
Project Number: 16-0108-01

Location: New Mexico

Lab Order Number: 6K30001



NELAP/TCEQ # T104704156-13-3

Report Date: 12/01/16

Larson & Associates, Inc. P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

# ANALYTICAL REPORT FOR SAMPLES

Sample 1D	Laboratory ID	Matrix	Date Sampled	Date Received
DP-01-01 W8	6K30001-01	Şoil	11/29/16 12:01	11-30-2016 08:20
DP-01-01 W12	6K30001-02	Soil	11/29/16 12:06	11-30-2016 08:20
DP-01-01 W16	6K30001-03	Soil	11/29/16 12:10	11-30-2016 08:20
DP-01-01 N8	6K30001-04	Soil	11/29/16 12:23	11-30-2016 08:20
DP-01-01 N12	6K30001-05	Soil	11/29/16 12:30	11-30-2016 08:20
DP-01-01 N16	6K30001-06	Soil	11/29/16 12:35	11-30-2016 08:20
DP-01-01 E8	6K30001-07	Soil	11/29/16 12:40	11-30-2016 08:20
DP-01-01 E12	6K30001-08	Soil	11/29/16 12:45	11-30-2016 08:20
DP-01-01 E16	6K30001-09	Soil	11/29/16 13:12	11-30-2016 08:20
DP-01-01 B8	6K30001-10	Soil	11/29/16 13:30	11-30-2016 08:20
DP-01-01 S8	6K30001-11	Soil	11/29/16 15:50	11-30-2016 08:20
DP-01-01 S12	6K30001-12	Soil	11/29/16 15:53	11-30-2016 08:20
DP-01-01 S16	6K30001-13	Soil	11/29/16 16:00	11-30-2016 08:20

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

# DP-01-01 W8 6K30001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin E	nvironment	al Lab, l	L.P.				
General Chemistry Parameters by EPA	A / Standard Method	s				······································	ga se		
% Moisture	9.0	0.1	%	1.	P6L0101	12/01/16	12/01/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	27.5	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C12-C28	540	27.5	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C28-C35	233	27.5	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
Surrogate: I-Chlorooctane		90.4 %	70-13	0	P6L0102	11/30/16	11/30/16	TPH 8015M	
Surrogate: o-Terphenyl		97.1 %	70-13	0	P6L0102	11/30/16	11/30/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	773	27.5	mg/kg dry	114	[CALC]	11/30/16	11/30/16	calc	

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 W12 6K30001-02 (Soil)

5									
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

## Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA	4 / Standard Method	s					summe summarrange	96.109
% Moisture	11.0	0.1	%	ì	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M				**************************************		
C6-C12	ND	28.1	mg/kg dry	1	P61.0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	96.7	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	31.3	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane		110%	70-130	STATES.	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		118%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon	128	28.1	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 W16 6K30001-03 (Soil)

The second secon			Reporting							
	Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

## Permian Basin Environmental Lab, L.P.

% Moisture	8.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C35 b	y EPA Method 80	15M			,	Lys:		20000 00 0
C6-C12	ND	27.2	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	ND	27.2	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	ND	27.2	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane		118%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		126%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 N8 6K30001-04 (Soil)

1		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin E	nvironme	ental Lab, L	"Р.	9		5.0	

% Moisture	8.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M		100	A 100 - 100 - 100				
C6-C12	352	27.2	mg/kg dry	1	P6L0102	11/30/16	12/01/16	TPH 8015M	
>C12-C28	2290	27.2	mg/kg dry	1.	P6L0102	11/30/16	12/01/16	TPH 8015M	
>C28-C35	535	27.2	mg/kg dry	1.	P6L0102	11/30/16	12/01/16	TPH 8015M	
Surrogate: 1-Chlorooctane		118%	70-130	1	P6L0102	11/30/16	12/01/16	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P6L0102	11/30/16	12/01/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	3170	27.2	mg/kg dry	l.	[CALC]	11/30/16	12/01/16	calc	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 N12 6K30001-05 (Soil)

									1
		Reporting							1
(I) FV		rechot mic							No. of
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Tillaryio	IXCSUIT	4.44144	Cillia	rymunon.	Datell	1 (cpineu	Tillal Jacu	111011100	110103

## Permian Basin Environmental Lab, L.P.

% Moisture	11,0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M	and the second of				8		
C6-C12	42.9	28.1	mg/kg dry	3	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C12-C28	211	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C28-C35	33.3	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
Surrogate: 1-Chlorooctane		122 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	287	28.1	mg/kg dry		[CALC]	11/30/16	11/30/16	calc	

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

C6-C35

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 N16 6K30001-06 (Soil)

No.									712.410032312.22
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin E	nvironme	ntal Lab, L	Р.				*

% Moisture	14.0	0.1	%	l	P6L0101	12/01/16	12/01/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M				www.			
C6-C12	57.4	29.1	mg/kg dry	1	P6L0102	11/30/16	12/01/16	TPH 8015M	
>C12-C28	484	29.1	mg/kg dry	1	P6L0102	11/30/16	12/01/16	TPH 8015M	
>C28-C35	80.5	29.1	mg/kg dry	1	P61.0102	11/30/16	12/01/16	TPH 8015M	
Surrogate: 1-Chlorooctane	HOUR INCESTRATE PERSONNEL	123 %	70-130		P6L0102	11/30/16	12/01/16	TPH 8015M	
Surrogate: o-Terphenyl		134%	70-130		P6L0102	11/30/16	12/01/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon	622	29.1	mg/kg dry	1	[CALC]	11/30/16	12/01/16	calc	

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 E8 6K30001-07 (Soil)

1										
			Reporting							
	Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EPA /	Standard Method	S						
% Moisture	9.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C35 b	ov EPA Method 80	15M	-16-30				<u> </u>	
C6-C12	ND	27.5	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	ND	27.5	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	ND	27.5	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane		118%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		125 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	í	[CALC]	11/30/16	11/30/16	calc

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 E12 6K30001-08 (Soil)

AMERICAN DESCRIPTION OF THE PROPERTY OF THE PR									
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EPA /	Standard Method	<u>s</u>			estatue su peut	997		
% Moisture	10.0	0.1	%	<u>j</u>	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C35 b	y EPA Method 80	15M	·			,,,,,		
C6-C12	ND	27.8	mg/kg dry	l.	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	ND	27.8	mg/kg dry	- 1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	ND	27.8	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane	Desirate trees to the same	101 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		108 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

P.O. Box 50685

Midland TX, 79710

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01

Project Manager: Mark Larson

Fax: (432) 687-0456

# DP-01-01 E16 6K30001-09 (Soil)

The state of the s									
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EPA /	Standard Method:	S		100000000000000000000000000000000000000				
% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C35 b	y EPA Method 80	15M					555E05205e32	Walkerseles (III)
C6-C12	ND	28.1	mg/kg dry	1.	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	ND	28.1	mg/kg dry	3	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	ND	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane	SINSET IMMEN SITE IMME INSC	105 %	70-130	25030 10	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		113 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

Larson & Associates, Inc.

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-01 Midland TX, 79710 Project Manager: Mark Larson

> DP-01-01 B8 6K30001-10 (Soil)

8		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

General Chemistry Parameters by EP	A / Standard Method	S				500.000		
% Moisture	11.0	0.1	%	1	P61.0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M						
C6-C12	ND	28.1	mg/kg dry	}	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	123	28.1	mg/kg dry	i	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	66.8	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane	te in scattle feet sector	110%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		119%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	190	28.1	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

C6-C35

Project Number: 16-0108-01 Project Manager: Mark Larson

# DP-01-01 S8 6K30001-11 (Soil)

	× 12 15 15 15 15 15			ent(1500(30;	a anamento	***************************************			
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Perm	ian Basin F	Invironme	ntal Lab,	L.P.				
General Chemistry Parameters by EP	'A / Standard Method	S	est I Reprotesti (1811 ett.) 4 Kose	yhneksi ösilyekside etti töölesi en t	75(4x 30 30)				
% Moisture	13.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M			***				
C6-C12	ND	28.7	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C12-C28	45.7	28.7	mg/kg dry	ã	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
Surrogate: 1-Chlorooctane		122%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-1	130	P6L0102	11/30/16	11/30/16	TPH 8015M	S-G
Total Petroleum Hydrocarbon	45.7	28.7	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc	

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 S12 6K30001-12 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

#### Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA	Standard Methods	ned the or established his section				27 27 10 10 10 10 10 10		
% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C35 b	oy EPA Method 801:	5M		- 149-201-002	oge in telephological talestical in	20 TO TOTAL STATE (SEC.	71576	
C6-C12	ND	28.1	mg∕kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	ND	28.1	mg/kg dry	ì	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	ND	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane	N S S SHOOMS SHOWN	117%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		129%	70-130		P61.0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

Fax: (432) 687-0456

Proj

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson

> DP-01-01 S16 6K30001-13 (Soil)

									1
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

#### Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA /	Standard Methods							
% Moisture	10.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
Total Petroleum Hydrocarbons C6-C35 b	y EPA Method 801	5M			1000	saust-		The state of the s
C6-C12	ND	27.8	mg/kg dry	I	P6L0102	11/30/16	11/30/16	TPH 8015M
>C12-C28	ND	27.8	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
>C28-C35	ND	27.8	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: 1-Chlorooctane		116%	70-130	Magazi Kasani	P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		127%	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	(CALC)	11/30/16	11/30/16	calc

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01

Project Manager: Mark Larson

### General Chemistry Parameters by EPA / Standard Methods - 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 P6L0101 - *** DEFAULT PREP ***										
Blank (P6L0101-BLK1)				Prepared &	k Analyzed	: 12/01/16			and and a state of the state of	en transiert etweren transceren.
% Moisture	ND	0.1	%							
Duplicate (P6L0101-DUP1)	Sour	rce: 6K29015-	01	Prepared &	k Analyzed	: 12/01/16	n restriction back			
% Moisture	7.0	0.1	%	25	9.0			25.0	20	
Duplicate (P6L0101-DUP2)	Sour	rce: 6K30002-	01	Prepared &	k Analyzed	: 12/01/16	20			
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P6L0101-DUP3)	Sour	rce: 6K30004-	07	Prepared &	k Analyzed	: 12/01/16				
% Moisture	9.0	0.1	%	3**************************************	9.0			0.00	20	

Permian Basin Environmental Lab, L.P.

Project: Nash Draw Battery #1 & #6

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01

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 P6L0102 - TX 1005										
Blank (P6L0102-BLK1)			10 may 2000 a	Prepared &	& Analyzed:	11/30/16				
C6-C12	ND	25.0	mg/kg wet			111111111111111111111111111111111111111			STATE	77
>C12-C28	ND	25.0	200							
>C28-C35	ND	25.0	0							
Surrogate: 1-Chlorooctane	118		4	150	. White statement	78.7	70-130			ng taga na maga at a ang taga managa a
Surrogate: o-Terphenyl	63.1		111	75.0		84.1	70-130			
LCS (P6L0102-BS1)				Prepared &	& Analyzed:	11/30/16				
C6-C12	1170	25.0	mg/kg wet	1000		117	75-125			
>C12-C28	1170	25.0	30	1000		117	75-125			
Surrogate: 1-Chlorooctane	147		u	150		98.3	70-130			
Surrogate: o-Terphenyl	67.2		,,	75.0		89.5	70-130			
LCS Dup (P6L0102-BSD1)				Prepared &	& Analyzed:	11/30/16	witti who			
C6-C12	1100	25.0	mg/kg wet	1000		110	75-125	5.88	20	
>C12-C28	1160	25.0	u	1000		116	75-125	1.21	20	
Surrogate: 1-Chlorooctane	263	22.00000000000000000000000000000000000	,	300	(250) 600	87.7	70-130			NESTEROLISMAN EN
Surrogate: o-Terphenyl	128		ñ	150		85.1	70-130			
Matrix Spike (P6L0102-MS1)	Sou	rce: 6K30001	1-08	Prepared &	& Analyzed:	11/30/16				
C6-C12	1100	27.8	mg/kg dry	1110	19.0	97.7	75-125			erga es sergonograf escapació.
>C12-C28	1190	27.8	ir	1110	ND	107	75-125			
Surrogate: I-Chlorooctane	164	5 A1107011111003 9	*	167	HE R R 18	98.5	70-130		one overlapping	serata (1902)
Surrogate: o-Terphenyl	77.3		н	83.3		92.7	70-130			
Matrix Spike Dup (P6L0102-MSD1)	Sou	rce: 6K3000	1-08	Prepared &	& Analyzed:	11/30/16	NASSAN DIA PENER		sowenore work	nin markemete
C6-C12	1110	27.8	mg/kg dry	1110	19.0	97.9	75-125	0.256	20	
>C12-C28	1200	27.8	1346	1110	ND	108	75-125	0.553	20	
Surrogate: 1-Chlorooctane	171	HEATE VERSE HE	annua carag	167	1 155	102	70-130	IN THESE SEA	W H	
Surrogate: o-Terphenyl	76.4		12	83.3		91.7	70-130			

Larson & Associates, Inc. Project: Nash Draw Battery #1 & #6 Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-01 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.

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

	E. Thomas		
Report Approved By:	**************************************	Date:	12/1/2016

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.

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.

CHAIN-OF-CUSTOD	AB WORK Nash	130x			5 (8) 14 (4) 14 (2) 19 19 14 (8) 15 (															IME LABORATORY USE ONLY:	BROKE	CARRIER BILL#	E HAND DELIVERED	
	1 0 a	1 /	C. H	SERVE STANDON OF STAND	# of Con # o		2 2 -	7 2 -	7	> 2	2	2 2 -	<i>&gt;</i>		2	, , , , , , , , , , , , , , , , , , , ,				RECEIVED BY: (Signature)  TURN AROUND TIME	RECEIVED BY: (Signature)	RECEIVED BY. (Signature)	32,30	- 4
(0143000)	A GISON & Sociates, Inc. Environmental Consultants Data Reported to:	TRRP report? S=SOIL P=PAINT W=WATER SLESLINGE	A=AIR	Time zone/State:	Field Lab # Date Time Matrix	Si031 85-4 May 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		120	N8 12:23				62	, EC			2,5	16:00 V		RELINOURING DATE/TIME  RELINOURING DATE/TIME	DATE/TIME	DATE/TIME	1120	

# 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 #1 & #6 Project Number: 16-0108-01

Location: New Mexico

Lab Order Number: 6L05001



NELAP/TCEQ # T104704156-13-3

Report Date: 12/05/16

Project: Nash Draw Battery #1 & #6

P.O. Box 50685

Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-01-01 N8	6L05001-01	Soil	12/02/16 14:42	12-05-2016 09:25
S-1, 6'	6L05001-02	Soil	12/02/16 13:30	12-05-2016 09:25
S-1, 8'	6L05001-03	Soil	12/02/16 14:13	12-05-2016 09:25
S-2, 6'	61.05001-04	Soil	12/02/16 13:50	12-05-2016 09:25
S-2, 8'	6L05001-05	Soil	12/02/16 14:32	12-05-2016 09:25

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

#### DP-01-01 N8 6L05001-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	iian Basin E	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EPA	/Standard Method	ls							
% Moisture	7.0	0.1	%	1	P6L0507	12/05/16	12/05/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M			W.	20200000000000000000000000000000000000		The Market States	- 12
C6-C12	44.7	26.9	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C12-C28	116	26.9	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	57.2	26.9	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chlorooctane		74.2 %	70-1.	30	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: o-Terphenyl		78.5 %	70-1.	30	P6L0508	12/05/16	12/05/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	217	26.9	mg/kg dry	1	[CALC]	12/05/16	12/05/16	calc	

P.O. Box 50685 Midland TX, 79710

C6-C35

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> S-1, 6' 6L05001-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin E	Invironmen	ital Lab, I	L.P.				
Organics by GC					77 - 2000 Page 2				
Benzene	0.00173	0.00116	mg/kg dry	]	P6L0502	12/05/16	12/05/16	EPA 8021B	
Toluene	ND	0.00233	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Ethylbenzene	0.0213	0.00116	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Xylene (p/m)	0.00780	0.00233	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Xylene (o)	0.00180	0.00116	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	history	86.6 %	75-1	25	P6L0502	12/05/16	12/05/16	EPA 8021B	Serve un Little de La
Surrogate: 1,4-Difluorobenzene		97.3 %	75-1	25	P6L0502	12/05/16	12/05/16	EPA 8021B	
General Chemistry Parameters by E	CPA / Standard Metho	ds							
Chloride	675	11.6	mg/kg dry	10	P6L0506	12/05/16	12/05/16	EPA 300.0	
% Moisture	14.0	0.1	%	1	P6L0507	12/05/16	12/05/16	% calculation	
Total Petroleum Hydrocarbons C6-0	C35 by EPA Method 8	015M							managanayan masa basa sa
C6-C12	170	145	mg/kg dry	5	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C12-C28	1030	145	mg/kg dry	5	P6L0508	12/05/16	12/05/16	TPH 8015M	
	163	145	mg/kg dry	5	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	105	143							
	163	63.7 %	70-1	30	P6L0508	12/05/16	12/05/16	TPH 8015M	S-GC
>C28-C35 Surrogate: 1-Chlorooctane Surrogate: o-Terphenyl	103		e e e e e e e e e e e e e e e e e e e		P6L0508 P6L0508	12/05/16 12/05/16	12/05/16 12/05/16	TPH 8015M TPH 8015M	S-GC

Fax: (432) 687-0456

Total Petroleum Hydrocarbon C6-C35

Midland TX, 79710

P.O. Box 50685

Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> S-1, 81 6L05001-03 (Soil)

								SUPPLEMENT OF STRANGERS COM-	Dave out I France
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Perm	ian Basin E	Invironmer	ıtal Lab, l	L.P.			# 500 4 000 pro-400 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
General Chemistry Parameters by	EPA / Standard Method	5					DA PLANTE A DAME OLI COLO CAR		
Chloride	1070	11.0	mg/kg dry	10	P6L0506	12/05/16	12/05/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6L0507	12/05/16	12/05/16	% calculation	
Total Petroleum Hydrocarbons C6	-C35 by EPA Method 80	15M							
C6-C12	ND	27.5	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	Ĭ	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	Ĩ	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chlorooctane		72.8 %	70-1	30	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: o-Terphenyl		78.7 %	70-1	30	P6L0508	12/05/16	12/05/16	TPH 8015M	

27.5 mg/kg dry

[CALC]

12/05/16

12/05/16

calc

ND

Fax: (432) 687-0456

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 Project Manager: Mark Larson

> S-2, 6' 6L05001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	nvironmer	ıtal Lab, l	L.P.				
Organics by GC		4020 St 1077 SS. 1078	DESCRIPTION			1000-000-000-000-000			
Benzene	ND	0.00112	mg/kg dry	1/	P6L0502	12/05/16	12/05/16	EPA 8021B	
Toluene	ND	0.00225	mg∕kg dry	Œ	P6L0502	12/05/16	12/05/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	T.	P6L0502	12/05/16	12/05/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	16	P6L0502	12/05/16	12/05/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.0 %	75-1	25	P6L0502	12/05/16	12/05/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	75-1	25	P6L0502	12/05/16	12/05/16	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Metho	ds					·	40 hvv672=3 0 5940 v 6	ar un dans d
Chloride	476	5.62	mg/kg dry	5	P6L0506	12/05/16	12/05/16	EPA 300.0	
% Moisture	11.0	0.1	%	[1]	P6L0507	12/05/16	12/05/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	35 by EPA Method 8	015M	-07500-000	nasaanii dhe ka					
C6-C12	ND	28.1	mg/kg dry	11	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C12-C28	141	28.1	mg/kg dry	114	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	32.3	28.1	mg/kg dry	ĵ	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chlorooctane	A THE THE PROPERTY OF THE PROP	75.0 %	70-1	30	P6L0508	12/05/16	12/05/16	TPH 8015M	A11.000.000.000.000.000.000.000
Surrogate: o-Terphenyl		82.1 %	70-1	30	P6L0508	12/05/16	12/05/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	173	28.1	mg/kg dry	1	[CALC]	12/05/16	12/05/16	calc	

1400 Rankin HWY Midland, TX 79701 432-686-7235

Total Petroleum Hydrocarbon C6-C35

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson

> S-2, 81 6L05001-05 (Soil)

WI W AND STREET	Cradic: Pessayu - D	01303	002,00,00	11.7°	recto si	23 (4 (20)) (14) (4 (4 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2			
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
promote a second						And the second			
	Perm	ian Basin E	Invironme	ital Lab, l	L.P.				
General Chemistry Parameters by	EPA / Standard Method	s	er - teste til halvet Gest skild i de	annount and the control	SCARR 86		2000.000.00		
Chloride	2290	28.4	mg/kg dry	25	P6L0506	12/05/16	12/05/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6L0507	12/05/16	12/05/16	% calculation	
Total Petroleum Hydrocarbons Co	6-C35 by EPA Method 80	15M							tabara, sija
C6-C12	ND	28.4	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chloroociane		75.9 %	70-1	'30	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: o-Terphenyl		81.3 %	70-1	30	P6L0508	12/05/16	12/05/16	TPH 8015M	

28.4 mg/kg dry

[CALC]

12/05/16

12/05/16

ND

Fax: (432) 687-0456

calc

Project: Nash Draw Battery #1 & #6

P.O. Box 50685 Midland TX, 79710 Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

### 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 P6L0502 - General Preparation (GC)			e la medica de desarrol de la composición dela composición de la composición de la composición dela composición del composición de la composición de la composición dela composición de la composición de la composición del composición del composición dela composición del composición dela composición dela composición del composición del composición dela c			economia de		2000 4-10-10-10-2		
Blank (P6L0502-BLK1)				Prepared &	Analyzed:	12/05/16				
Benzene	ND	0.00100	mg/kg wet	ellen (1 de commente l'esplica a comme e comme	actions and characteristics					
Toluene	ND	0.00200	:90:							
Ethylbenzene	ND	0.00100	EMC							
Xylene (p/m)	ND	0.00200	n							
Xylene (o)	ND	0.00100	E.H.;							
Surrogate: 4-Bromofluorobenzene	0.0600	e i provinci pose empresagni megasir prov	u	0.0600		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.0593		a	0.0600		98.9	75-125			
LCS (P6L0502-BS1)				Prepared &	k Analyzed:	12/05/16				
Benzene	0.0883	0.00100	mg/kg wet	0.100		88.3	70-130			
Toluene	0.0902	0.00200	0	0.100		90.2	70-130			
Ethylbenzene	0.105	0.00100	O	0.100		105	70-130			
Xylene (p/m)	0.193	0.00200	0	0.200		96.3	70-130			
Xylene (o)	0.0949	0.00100		0.100		94.9	70-130			
Surrogate: 1,4-Difluorobenzene	0.0619	*************************	В	0.0600		103	75-125			AVVS VALSVOCS
Surrogate: 4-Bromofluorobenzene	0.0658		<i>n</i>	0.0600		110	75-125			
LCS Dup (P6L0502-BSD1)				Prepared &	k Analyzed:	12/05/16				
Benzene	0.0857	0.00100	mg/kg wet	0.100		85.7	70-130	2.93	20	
Toluene	0.0906	0.00200	n	0.100		90.6	70-130	0.409	20	
Ethylbenzene	0.107	0.00100	if	0.100		107	70-130	1.93	20	
Xylene (p/m)	0.189	0.00200	ſſ.	0.200		94.5	70-130	1.85	20	
Xylene (o)	0.0933	0.00100	D <sup>c</sup>	0.100		93.3	70-130	1.75	20	

0.0600

0.0600

0.0635

0.0609

Surrogate: 4-Bromofluorobenzene

Surrogate: 1,4-Difluorobenzene

106

102

75-125

75-125

P.O. Box 50685 Midland TX, 79710 Project: Nash Draw Battery #1 & #6

Project Number: 16-0108-01 Project Manager: Mark Larson Fax: (432) 687-0456

### General Chemistry Parameters by EPA / Standard Methods - 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 P6L0506 - *** DEFAULT PREP ***										
Blank (P6L0506-BLK1)			verranen erestatu	Prepared &	k Analyzed:	: 12/05/16	70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	voci Iudocho do como		***********
Chloride	ND	1.00	mg/kg wet							
LCS (P6L0506-BS1)			maranten ner e	Prepared &	& Analyzed:	: 12/05/16	con: Beverbanden		Annahaming Asia (Al-1972)	n ett (generation) e
Chloride	411	1.00	mg/kg wet	400	200	103	80-120			
LCS Dup (P6L0506-BSD1)				Prepared &	& Analyzed	: 12/05/16			50050 05000	. A SSE VERNIS
Chloride	407	1.00	mg/kg wet	400		102	80-120	0.953	20	e 7 7 1
Duplicate (P6L0506-DUP1)	Sour	rce: 6L01001	-20	Prepared &	& Analyzed	: 12/05/16				
Chloride	ND	1.14	mg/kg dry		ND	2750 0014 3770000 778 778 778 788 788 788 788 788 7			20	
Duplicate (P6L0506-DUP2)	Sour	rce: 6L01001	-30	Prepared &	& Analyzed	: 12/05/16				
Chloride	ND	1.15	mg/kg dry		ND				20	
Matrix Spike (P6L0506-MS1)	Sour	rce: 6L01001	-20	Prepared &	& Analyzed	: 12/05/16			773 - 275 October 100 - 276 -	
Chloride	ND	1.14	mg/kg dry	1140	ND		80-120			
Batch P6L0507 - *** DEFAULT PREP ***	····						m m wóno			
Blank (P6L0507-BLK1)	ann waster to the transfer to the tention	DOLLAR STRUCTURE		Prepared &	k Analyzed	: 12/05/16				
% Moisture	ND	0.1	%							
Duplicate (P6L0507-DUP1)	Soui	rce: 6L05002	2-01	Prepared &	& Analyzed	: 12/05/16				
% Moisture	16.0	0.1	%		16.0			0.00	20	

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Midland TX, 79710

Project Number: 16-0108-01 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 P6L0508 - TX 1005					4880					
Blank (P6L0508-BLK1)				Prepared &	¿ Analyzed:	12/05/16				
C6-C12	ND	25.0	mg/kg wet	AND AND ASSESSMENT OF THE SECOND	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		to a fine a construction of the construction o			
>C12-C28	ND	25.0	H.							
>C28-C35	ND	25.0	(0)							
Surrogate: I-Chlorooctane	65.9		n	80.0		82.4	70-130	WATER STATE OF THE		itu
Surrogate: o-Terphenyl	32.7		n	40.0		81.7	70-130			
LCS (P6L0508-BS1)				Prepared &	k Analyzed:	12/05/16		1212-012-02		
C6-C12	1130	25.0	mg/kg wet	1000		113	75-125	Section (1997) Control of the Control		
>C12-C28	1110	25.0	900	1000		111	75-125			
Surrogate: 1-Chlorooctane	68.1		и	100		68.1	70-130			S-G0
Surrogate: o-Terphenyl	41.8		n	50.0		83.6	70-130			
LCS Dup (P6L0508-BSD1)				Prepared &	k Analyzed:	: 12/05/16			ų: ····· <u>1</u> 60 (160 (160 (160 (160 (160 (160 (160 (1	
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125	9.97	20	
>C12-C28	1070	25.0	u	1000		107	75-125	3.96	20	
Surrogate: 1-Chlorooctane	110		u	100		110	70-130		***	
Surrogate: o-Terphenyl	40.6			50.0		81.1	70-130			

Larson & Associates, Inc.

Project: Nash Draw Battery #1 & #6

Fax: (432) 687-0456

P.O. Box 50685 Project Number: 16-0108-01 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.

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

	Kinghanan		
Report Approved By:	5 S S S S S S S S S S S S S S S S S S S	Date:	12/5/2016

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.

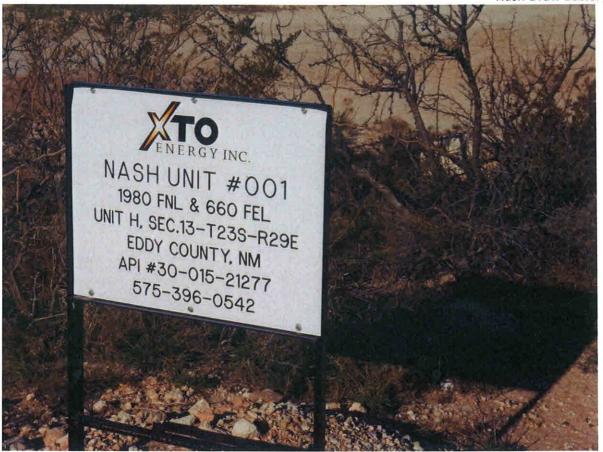
If you have received this material in error, please notify us immediately at 432-686-7235.

(00507a)

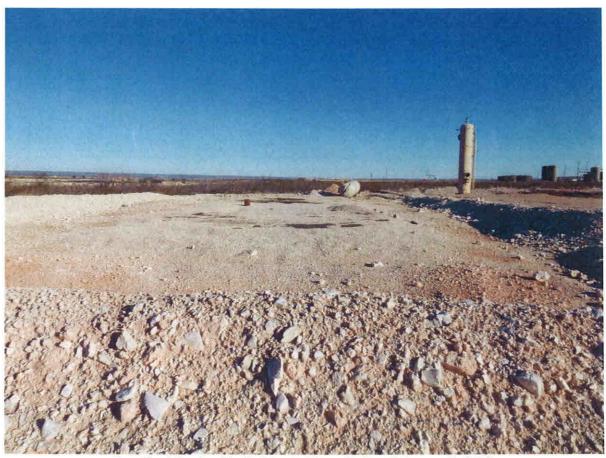
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	S   S   S   S   S   S   S   S   S   S	Do.				2 ,		A Control Cont							TURN AROUND TIME	1 DAY C		Upolu Upolu
al(0500)	507-N: Marienfeld, Ste. 200 Midland, TX 79701 11s 432-687-0901	PRESERVATION	NaOH 🗖	HOLI HOLI HOLI HOLI HOLI HOLI HOLI HOLI	<u> </u>	) ) )	· / > / - /	> /							RECEIVED BY: (Signature)	RECEIVED BY: (Signature)	<u></u>	(5-10 N-5-2)
79	\$ \$	P=PA!NT SL=SLUDGE	OT=OTHER	Date Time Matrix	12/2/16 14:42 S		Z .	16:36	30		8				DATE/TIME	DATE/TIME	DATE/TIME	
	A GISON & SSOCIATES, Inc. Environmental Consultants	TRRP report? S=SOIL	ONE:	Lab#	1) -01-01 N8	•	1	5-2, 6'	7.0	1000				TOTAL /	RELINODIGHED STRUMATURE)	RELINQUISHED BY:(Signature)	RELINQUISHED BY:(Signature)	/ BELAB

# APPENDIX C

Photographs



Location Sign



Location Viewing North Prior to Remediation, February 3, 2016



Location Viewing West Prior to Remediation, February 3, 2016



Intial Excavation at DP-01-01 Viewing North, November 22, 2016



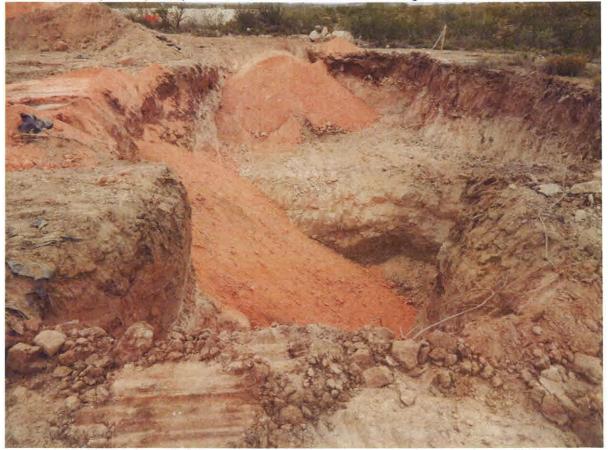
Initial Excavation at DP-01-01 Viewing West, November 22, 2016



Expanded Excavation at DP-01-01 Viewing North, November 29, 2016



North End (16 feet) of Expanded Excavation at DP-01-01 Viewing East, November 29, 2016



Backfilling Expanded Excavation at DP-01-01 Viewing South, December 1, 2016



Liner Installed in Excavation (4 Feet) Viewing South, December 6, 2016



Liner Installed in Excavation (4 Feet) Viewing North, December 6, 2016



Area of Contamination North of DP-01-04 Viewing East, December 6, 2016



Area of Contamination North of DP-01-04 Viewing South, December 6, 2016



Area of Contamination North of DP-01-04 Viewing Southwest, December 6, 2016



Liner Installed in Excavation (3 Feet) North of DP-01-04 Viewing West, December 6, 2016



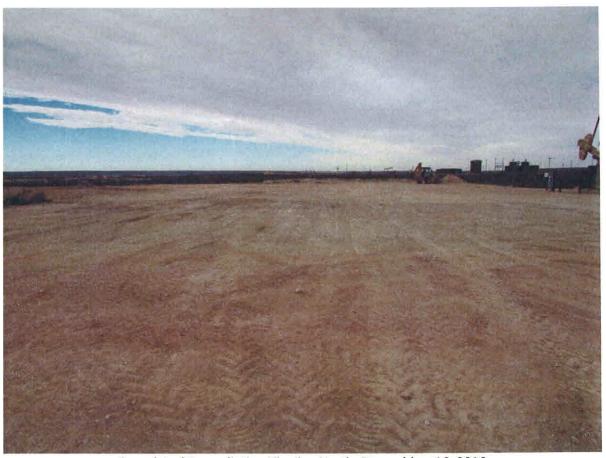
Liner Installed in Excavation (3 Feet) North of DP-01-04 Viewing East, December 6, 2016



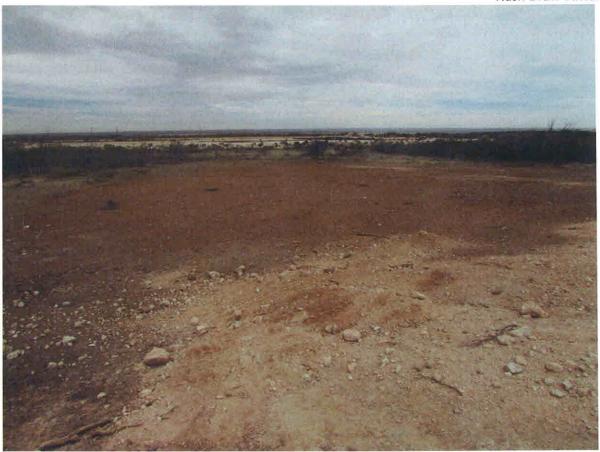
Backfilled Excavation North of DP-01-04 Viewing West, December 12, 2016



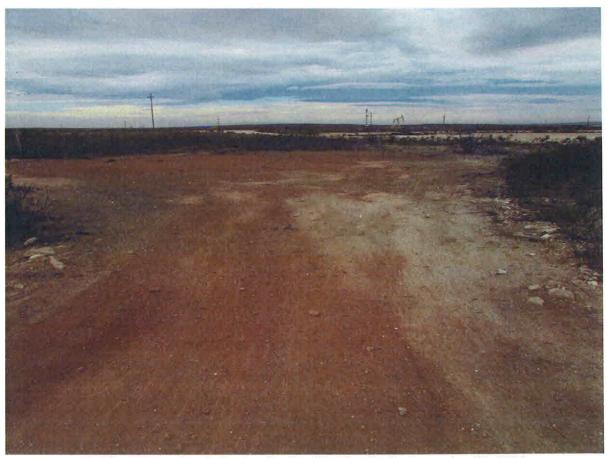
Backfilled Excavation at DP-01-04 and North of DP-01-04 Viewing South, December 12, 2016



Completed Remediation Viewing North, Decembber 16, 2016



Finished Excavation Following Seeding Viewing West, December 22, 2016



Finished Excavation Following Seeding Viewing North, December 22, 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

NON	N-HAZARDOUS WASTE MANIF	NO	116196	1. PA	GE_OF_	2. TRAII	_ 2. TRAILER NO.							
G	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE							
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NC							
E							1110.0 4007110							
	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. Of Charleston Strong and a					-Spe		A LEE						
	b.								N. T. S.					
E	C. T. Carrier Control of the Control													
R	d. (1) (1) (1)	3	A Section											
K	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE I	ROFILE N	IO,					
A														
	14. IN CA			GENCY OR SPIL	L, CO	NTACT								
T	NAME.	PHON	IE NO		W		24-HOUF	EMERGE	NCY NO.					
o	15 GENERATOR'S CERTIFICATION; shipping name and are classified, packed, marked, and international and patients.	d labeled.	and are in	all respects in proper co	ndition fo	or transport	by highway ac	cording to a	applicable					
	international and national government regulations, in PRINTED/TYPED NAME	cluding a	ipplicable s	SIGNATURE	the same	materials	previously appi	oved by LE	DATE					
R				SIGNATURE					DATE					
T	16. TRANSPORTER (1)		Street,	17.	TI	RANSPO	ORTER (2)		Mistra e					
R 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	f receipt	of materia	EMERGENCY PH		(2): Ackno	nwledgment of	receipt of	naterial					
T E	PRINTED/TYPED NAME					(2). Heali	wiedgineit of	receipt or ,						
R		100		PRINTED/TYPEE	NAME									
	SIGNATURE	DATE	-	SIGNATURE				DATE						
	Lea Land, LLC	ADD	RESS: Mi	le Marker 64, U.	S. Hw	v 62/18	PHONE 30.		87-4048					
D F I A				Miles East of Ca					AN LOTTERS					
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	ATION astes.	: I Hereby	certify that the above of	lescribed	wastes wer	e delivered to	this facility	, that the					
LY	AUTHORIZED SIGNATURE			CELL NO.		DAT	E	Т	IME					
		M. Marie		The second of										

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	116197	ER NO.	R NO.							
G	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE	K-UP DATE				
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NC					
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	HIN		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a.		4.6	V 700,00				THE D				
	b											
E	C.											
R	d	)	1072									
K	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE F	ROFILE N	O.			
A												
				GENCY OR SPIL	L, CO	NTACT						
T	NAME	PHON	E NO				24-HOUF	EMERGE	NCY NO.			
0	15 GENERATOR'S CERTIFICATION:	I Hereby	declare the	t the contents of this co	onsignme	nt are fully	and accurately	described a	above by proper			
U	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, icluding a	and are in applicable s	all respects in proper co ate regulations, and are	the same	e materials	previously appr	oved by LE	EA LAND, LLC			
R	PRINTED/TYPED NAME	1		SIGNATURE		1 1			DATE			
								Paul				
T R	16. TRANSPORTER (1)			17.	T	RANSPO	ORTER (2)					
A N	NAME: TEXAS I.D. NO.			NAME:								
S P	IN CASE OF EMERGENCY CONTACT:			TEXAS LD: NO.  IN CASE OF EMERGENCY CONTACT:								
0	EMERGENCY PHONE:			EMERGENCY PI		COMM						
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia			(2): Ackn	owledgment of	receipt of i	naterial			
E R	PRINTED/TYPED NAME		Dy Y	PRINTED/TYPEI	O NAME							
S	SIGNATURE	DATE		SIGNATURE		Post 2		DATE	Maria S			
		ADD	RESS:				PHONE		THE SE			
D F	Lea Land, LLC			le Marker 64, U Miles East of C			30,	575-8	87-4048			
I A S C	PERMIT NO.		30	20. COMMENTS	arisba	U, INIVI	STANKS.	ng ky hi	15 10 11			
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	ATION vastes.	N: I Hereb	reby certify that the above described wastes were delivered to this facility, that t								
LY	AUTHORIZED SIGNATURE		CELL NO.		DAT	E	1	IME				
			124				s.H2. 2010					

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# LEA LAND, LLC

NOI	N-HAZARDOUS WASTE MANIF	NO -	116198	ER NO.	NO.								
G	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE		31 HA				
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	and the state of t			ME STA					REAL PROPERTY.				
	b												
E	c.				12.91				et Period				
R	d. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X .	111	w Cour									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	0.				
A													
	14. IN CA	SE OF		ENCY OR SPIL	L, CO	NTACT		MILES.					
T	NAME			24-HOUR	EMERGE	NCY NO.							
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applic												
О	snipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, cluding a	and are in al pplicable sta	I respects in proper co te regulations, and are	ndition for the same	r transport materials j	by highway according to by highway according to be by highway according to	cording to a oved by LE	pplicable A LAND, LLC				
R	PRINTED/TYPED NAME			SIGNATURE		4			DATE				
T R	16. TRANSPORTER (1)			17.	TF	RANSPO	ORTER (2)						
A N	NAME: TEXAS I.D. NO.			NAME:									
S	IN CASE OF EMERGENCY CONTACT:			TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:									
0	EMERGENCY PHONE:			EMERGENCY PH		1 CONTAC							
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPOL		(2): Ackno	owledgment of	receipt of n	naterial				
E R	PRINTED/TYPED NAME	160	dell's	PRINTED/TYPED	NAME								
S	SIGNATURE	DATE		SIGNATURE				DATE					
		ADD	RESS:				PHONE		THEN				
D F	Lea Land, LLC			Marker 64, U.			30,	575-88	37-4048				
I A S C	PERMIT NO.		30 N	Ailes East of Ca	arisbac	I, INIVI	A CENT	125	17/11/				
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	ATION vastes.	: 1 Hereby o	eby certify that the above described wastes were delivered to this facility, that									
LY	AUTHORIZED SIGNATURE	4-25	CELL NO.		DAT	E	Т	ME					
	April 1 April 1			and the same									

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	16199	1. PAG	F 2. TRAILER NO.								
C	3. COMPANY NAME	4. ADD	RESS		er e	5. PIG	K-UP DATE						
G	PHONE NO.	CITY		STATE	7	IP 6. TN	RCC I.D. NO						
E		- folia											
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CONT No. 1		9, TOTAL DUANTITY	10, UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	a. The control of the ball of												
	b.												
E	c.												
R	d. A A A A A A	1	120	2 dr									
K	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	O.				
A													
	14. IN CA			ENCY OR SPIL	L, CON	TACT	Editor.	r dels					
T	NAME	PHON	E NO				24-HOUR	EMERGE	NCY NO.				
o	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	the contents of this co	nsignmen	are fully a	nd accurately	described a	bove by proper				
U	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, cluding a	and are in al applicable stat	l respects in proper cor e regulations, and are	ndition for the same	transport b materials pr	y highway ac eviously appr	oved by LE	A LAND, LLC				
R	PRINTED/TYPED NAME			SIGNATURE					DATE				
m	TO AVENOPMEN (I)					L NIGO O	(A)						
T R	16. TRANSPORTER (1) NAME:		7	17.	TR	ANSPO	RTER (2)						
A N	TEXAS LD. NO.			NAME: TEXAS LD. NO.									
SP	IN CASE OF EMERGENCY CONTACT:		4-14	IN CASE OF EME	RGENCY	CONTAC	r.						
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R	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPOI		2): Acknow	eledgment of	receipt of r	material				
E R	PRINTED/TYPED NAME	14/2		PRINTED/TYPED	NAME_								
S	SIGNATURE	DATE		SIGNATURE			Sylen.	DATE					
		ADD	RESS:				PHONE		NAME OF				
D F	Lea Land, LLC			Marker 64, U. Tiles East of Ca	The second second		),	575-88	87-4048				
I A S C	PERMIT NO.		30 IV	20. COMMENTS	arisbau	, INIVI			CO APC S				
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	ATION astes.	N: I Hereby c	fereby certify that the above described wastes were delivered to this facility, that									
L Y	AUTHORIZED SIGNATURE			CELL NO.	J. 44	DATE		T	IME				
	ZA office and the second	Buch											

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## LEA LAND, LLC

NON-HAZARDOUS WASTE MANIFEST NO			116200	1. PAG	E_OF_	2. TRAIL	2. TRAILER NO.						
G	3. COMPANY NAME	4. ADD	RESS			5. PIC	5. PICK-UP DATE		FLMINI				
G	PHONE NO.	CITY		STATE	Z	IP 6. TN	RCC LD. NO						
E													
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	NAME OR DESCRIPTION OF WASTE SHIPPED:					9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #				
N	a, in the state of												
	b.												
E	Control of the contro						ren.						
R	d. 4)	(427 A) (411Y)											
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				3. WASTE P	ROFILE N	O						
A													
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO.												
T	PHONE NO 24-HOUR EMERGENCY NO.												
o	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by prope 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, LLO												
R	PRINTED/TYPED NAME	SIGNATURE DATE											
T	16. TRANSPORTER (1)			17. TRANSPORTER (2)									
R A	NAME:			NAME:									
N S	TEXAS I.D. NO.	XAS I.D. NO.					TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:											
R	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											
	S.O.C. TORON	DATE	RESS:	SIGNATURE			PHONE						
AT	Lea Land, LLC Mile			e Marker 64, U.S. Hwy 62/180, 575-887-4048									
				Miles East of Carlsbad, NM									
	WM-01-035 - New Mex	20. COMMENTS											
	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.												
	AUTHORIZED SIGNATURE	CELL NO.		DATE									
-		LANC !	95						1.				

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## LEA LAND, LLC

NON-HAZARDOUS WASTE MANIFEST NO			116201	I. PA	GEOF_	_ 2. TRAIL	2. TRAILER NO.			
-	3. COMPANY NAME 4. ADDRESS					5. PICK-UP DATE				
G	PHONE NO. CITY STATE					ZIP 6 T	6 TNRCC I.D. NO.			
E				STATE		2.11	6. FARCE LD. NO.			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	NAME OR DESCRIPTION OF WASTE SHIPPED:					ERS 9. TOTAL 1 pe QUANTITY		11. TEXAS WASTE ID #	
N	a. The same of the					Туре	QUANTITY	Wt/Vol.	WASTEID#	
	b.									
E	c,									
	d.									
R							14-15-15-1			
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					1-4	13. WASTE PROFILE NO.			
A	是是一种,我们就是一种的一种,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个									
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO.									
Т	PHONE NO.									
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, including applicable state regulations, and are the same materials previously approved by LEA LAND, L								A LAND, LLC	
R	PRINTED/TYPED NAME			SIGNATURE DATE						
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)						
A	NAME:			NAME:						
N S	TEXAS LD. NO.			TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:								
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material								
T E	PRINTED/TYPED NAME									
R				PRINTED/TYPED NAME						
3	SIGNATURE	SIGNATURE DATE								
	ADDRESS:		1 N.C. 1 CA YY	PHONE: 575 997 4049						
D F I A S C P I O L S I A T L Y				e Marker 64, U.S. Hwy 62/180, 575-887-4048  Miles East of Carlsbad, NM						
	PERMIT NO.			20. COMMENTS						
	WM-01-035 - New Mex									
	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes:									
	AUTHORIZED SIGNATURE			CELL NO.		DAT	E	Т	IME	
	Amount y Suy								140	

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	116315	1. PA	GEOF_	2. TRAIL	ER NO.						
	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE	This	With the				
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO						
E													
Page 1	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	at mileting of part has parents for the first												
42	b.												
E	c.												
R	d. 41/1/1/ 12147								TAX Y				
K	12, COMMENTS OR SPECIAL INSTRUCTIONS:	3/					13. WASTE F	ROFILE N	0.				
A													
.grys.				RGENCY OR SPILL, CONTACT									
Т	NAME	PHON	IE NO				24-HOUR	EMERGE	NCY NO.				
o	shipping name and are classified, packed, marked, and	d labeled.	and are in	at the contents of this consignment are fully and accurately described above by prop all respects in proper condition for transport by highway according to applicable state regulations, and are the same materials previously approved by LEA LAND, LI									
R	PRINTED/TYPED NAME			SIGNATURE					DATE				
T	16. TRANSPORTER (1)			17.	17. TRANSPORTER (2)								
R	NAME:			NAME:									
N S	TEXAS I.D. NO.			TEXAS I.D. NO.									
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EM	ERGENC	Y CONTA	CT:						
O R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of			EMERGENCY PI		(2), 1,1							
T E		or receipt					owledgment of	receipt of i	naterial				
R		1	10.75	PRINTED/TYPE	D NAME								
S	SIGNATURE CE STORY STORY STORY	DATE		SIGNATURE		- 100		DATE					
	Lea Land, LLC	ADD	RESS:	le Marker 64, U	C Un	n 62/19	PHONE		87-4048				
D F	Dea Land, LLC			Miles East of C			0,	273-00	37-4046				
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	ico		20. COMMENTS	Zerd		The state of		A STATE OF THE STA				
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 the											
LY	AUTHORIZED SIGNATURE	W.	154	CELL NO.		DAT	Е	T	IME				
	ZECONO STATE	HILL											

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	1163	16	1. PAGEOF 2. TRAILER NO.						
	3. COMPANY NAME	4. ADDR	ESS				5. I	ICK-UP DATE		A PARTY	
G	PHONE NO.	CITY		STATE		4	ZIP 6. T	. TNRCC I.D. NO.			
E		CITT		SIME			ZIF O. I	NKCC I.D. INC		100	
E.	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:					TAINERS	9. TOTAL	10. UNIT	11. TEXAS	
N						No.	Туре	QUANTITY	Wt/Vol.	WASTE ID #	
	b.						A STATE OF				
E	c.										
	d. () () ()										
R	-31440 405	20									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:							13. WASTE F	ROFILE N	O.	
A	14()						77	Pierro			
	14. IN CA	SE OF		GENCY OF	SPILI	L, CO	NTACT	24 1101 10	EMERGE	NEVNO	
T		FHON	E NO					24-HOOF	EMERGE	NCT NO.	
0	15 GENERATOR'S CERTIFICATION:	I Hereby	declare tha	t the contents of	of this con	nsignmer	nt 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, icluding ap	and are in oplicable st	all respects in pate regulations.	roper cor and are	ndition for the same	or transpor materials	by highway ac previously appr	cording to a oved by LE	A LAND, LLC	
R	PRINTED/TYPED NAME		SIGNATUR	E		Herr	A STATE OF	Take 1	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 CASE	OF EME	RGENC	Y CONTA	CT:			
O R	EMERGENCY PHONE:			EMERGE		The second secon		1110			
T	18. TRANSPORTER (1): Acknowledgment of	of receipt of	of material	19. TRA	NSPOI	RTER	(2): Ackn	owledgment of	receipt of r	naterial	
E R	PRINTED/TYPED NAME			PRINTED	/TYPED	NAME					
S	SIGNATURE	DATE		SIGNATU	RE				DATE		
		ADDR						PHONE			
D F	Lea Land, LLC		e Marker			2	30,	575-88	87-4048		
I A	PERMIT NO.		30	Miles East		irlsbac	1, NM				
S C P I	WM-01-035 - New Mex		20. COMM	31113							
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	certify that the	above d	escribed	wastes we	re delivered to	this facility	that the			
A T	facility is authorized and permitted to receive such w										
LY	AUTHORIZED SIGNATURE		CELL NO	),		DAT	Е	Т	IME		
	Z 13 13 13 13 13 13 13 13 13 13 13 13 13	15	LANT	Lab.		7.1.	TOTAL STATE				

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	ÑO	116328	1. PAG	5/3							
G	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE					
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. 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,			gliff, 190		Tinn.			H. FRIED			
	b.		W. T.					HINE				
E	c.											
R	d. 21 11 1 21 3	673				, etc						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					F1, 43,	13. WASTE P	ROFILE N	0.			
A	Contraction of the Contraction o											
	14. IN CA			RGENCY OR SPILL, CONTACT  24-HOUR EMERGENCY NO.								
Т	Manual Ma	PHON	E NO				24-HOUR	EMERGE	NCY NO.			
О	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and	d labeled.	and are in a	Il respects in proper co	ndition fo	or transport	by highway acc	cording to a	pplicable			
	international and national government regulations, in	cluding a	pplicable sta	te regulations, and are	the same	materials	previously appr	oved by LE	A LAND, LLC			
R	PRINTED/TYPED NAME			SIGNATURE					DATE			
Т	16. TRANSPORTER (1)			17.	TI	RANSPO	RTER (2)					
R	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	et:					
O R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	Function	o É assessata (	EMERGENCY PH		(2) v Astas		essalue of	waterial			
T E	PRINTED/TYPED NAME /	и тесетрі	or material	THE STATE OF		(Z); ACKIII	owieuginem or	receipt of i	Haterial			
R				PRINTED/TYPED	NAME							
J	SIGNATURE	DATE		SIGNATURE				DATE				
	Lea Land, LLC	ADD	RESS: Mile	Marker 64, U.	S. Hw	v 62/18	PHONE:		87-4048			
D F I A			Miles East of Ca		5 - 1							
S C P I O L	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS				100					
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	N: I Hereby	eby certify that the above described wastes were delivered to this facility, that the									
L Y	AUTHORIZED SIGNATURE	14.		CELL NO.		DAT	Е	T	IME			
	Arota Stanke											

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

#### LEA LAND, LLC

NON	N-HAZARDOUS WASTE MANIFEST NO			116329	1, PA	GEOF_	_ 2. TRAIL	2. TRAILER NO.				
	3. COMPANY NAME	4, ADDI	RESS			5. P	ICK-UP DATE		57 70			
G	NIANT NO								NATH THE			
	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO					
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	Die de la constante de la cons			8. CON	TAINERS	9. TOTAL	10. UNIT	11. TEXAS			
	Market St. Barrier   St. D. V. Brown   P. S. St.	Di.			No.	Туре	QUANTITY	Wt/Vol.	WASTE ID #			
N	a contract the last section of the s											
	b:											
E	c.					Sec.						
	d. ( ) ( ) ( )	7							1000			
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	<u>u.                                    </u>				127	13, WASTE P	DOEH E M				
	12. COMMENTS ON SPECIAL INSTRUCTIONS.						15, WASTE P	KOTILE				
A			V					Visit in				
Т	14. IN CA	SE OF		GENCY OR SPIL	L, CO	NTACT	24-HOUR	EMERGE	NCY NO.			
	in state of the second											
0	15.GENERATOR'S CERTIFICATION:	I Hereby	declare the	it the contents of this co	nsignme	nt 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, cluding a	and are in pplicable s	all respects in proper co tate regulations, and are	ndition for the same	or transport materials	by highway ac- previously appr	oved by LE	A LAND, LLC			
R	PRINTED/TYPED NAME	SIGNATURE				hine?	DATE					
Т	16. TRANSPORTER (1)			17.	T	RANSPO	ORTER (2)					
R	NAME;			NAME:								
N	TEXAS I.D. NO.			TEXAS I.D. NO.								
S P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:								
0	EMERGENCY PHONE:	1627		EMERGENCY PH	IONE:							
R	18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	19. TRANSPO	RTER	(2): Ackn	owledgment of	receipt of n	naterial			
E R	PRINTED/TYPED NAME		4200	PRINTED/TYPEI	NAME			in the				
S	SIGNATURE X / / / / / / / / / / / / / / / / / /	DATE		STONATION!				DATE				
1100	SIGNATURE:		n): or	SIGNATURE								
	Lea Land, LLC	ADD	RESS: Mi	le Marker 64, U.	S Hw	v 62/18	PHONE 80.		37-4048			
D F				Miles East of C								
I A S C	PERMIT NO.			20. COMMENTS					Notice of			
P I O L	WM-01-035 - New Mex	ico										
SI	21 DISPOSAL FACILITY'S CERTIFIC	Hereby certify that the above described wastes were delivered to this facility, that the										
A T L Y	facility is authorized and permitted to receive such w											
. 1	AUTHORIZED SIGNATURE			CELL NO.		DAT	Е	T	IME			
ELLY.	Hiller of 1 196	Vieta		3-15-17 201			45 411 3		59			

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	116330	1. PA	GEOF_	2. TRAILER NO.					
G	3. COMPANY NAME	4. ADDR	ESS		m, i	5. P	ICK-UP DATE				
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. 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	By the thirty of the thirty of the			January.		i) j	Male A				
	b. 115 115 115 115 115 115 115 115 115 11										
E	C.										
R	d. 42(14/1)										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				1 32		13. WASTE P	ROFILE N	O,		
A			A THE		1						
Т	14. IN CA	SE OF		ENCY OR SPIL	L, CO	NTACT	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, a	and are in al	respects in proper co	ndition fo	or transport	by highway acc	cording to a	pplicable		
R	PRINTED/TYPED NAME			SIGNATURE DATE							
Т	16. TRANSPORTER (1)			17.	T	PANSPO	RTER (2)				
R	NAME:			17. TRANSPORTER (2) NAME:							
N	TEXAS I.D. NO.		400	TEXAS LD. NO.							
S P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:							
O R	EMERGENCY PHONE:			EMERGENCY PH							
T E	18. TRANSPORTER (1): Acknowledgment of	of receipt o	of material	19. TRANSPO	RTER	(2): Ackno	owledgment of	receipt of n	naterial		
R	PRINTED/TYPED NAME			PRINTED/TYPED	NAME						
S	SIGNATURE	DATE		SIGNATURE		tales.		DATE			
	Lea Land, LLC	ADDR		Mades 64 II	C The	- 62/15	PHONE		37-4048		
D F	Dea Land, LLC			Marker 64, U. files East of Ca			50,	373-00	37-4046		
I A S C P I	PERMIT NO.  WM-01-035 - New Mex	cico		20. COMMENTS							
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v	: I Hereby c	reby certify that the above described wastes were delivered to this facility, that t					that the			
LY	AUTHORIZED SIGNATURE		9 1 100	CELL NO.		DAT	E	T	IME 23		
	the second of th	100	THE REAL PROPERTY.					-			

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	116331	1. PA	GE_OF_	2. TRAILER NO.							
C	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE		2-1-1-1			
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. 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.											
	b											
E	C. The last service of the											
	d. A A A											
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROELEN	0			
A									PRIME !			
	14. IN CA	SE OF	EMER	GENCY OR SPIL	L. CO	NTACT						
Т	NAME	PHON					24-HOUR	EMERGE	NCY NO.			
	15.GENERATOR'S CERTIFICATION:	I Harabu	daglass the	t the american of this is	and toward	nt area Galler	and accurately	described s	showe 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	ndition fo	or transport	by highway ac	cording to a	pplicable			
R	PRINTED/TYPED NAME		SIGNATURE	7. 4	i de la c			DATE				
			THE ST									
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		Y CONTAC	CT:					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPO	-	(2): Ackno	owledgment of	receipt of a	naterial			
E	PRINTED/TYPED NAME	drei	3 W	PRINTED/TYPEI	) NAME							
R		1						n i au				
	SIGNATURE	DATE	DEGG	SIGNATURE			PHONE	DATE				
	Lea Land, LLC	ADD	RESS: Mi	le Marker 64, U.	S. Hw	y 62/18	100000		87-4048			
D F I A				Miles East of C								
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 v	certify that the above of	described	wastes we	re delivered to	this facility	, that the					
LY	AUTHORIZED SIGNATURE	1		CELL NO.		DAT	E	Т	IME-			
	ZOUTO ZUCERN	VIX					August 199		D			

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

#### LEA LAND, LLC

NO	N-HAZARDOUS WASTE MANIFEST N			116349	1. PAC	GEOF_	F 2. TRAILER NO.					
G	3. COMPANY NAME	4. ADDI	RESS			5. P	ICK-UP DATE	4				
G	PHONE NO.	CITY		STATE		AP 6. T	NRCC LD. NO					
10		GILL		SIMIE		ar   0, 1	WREE I.D. NO		200			
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			The Part of the Pa	AINERS	9. TOTAL	10. UNIT	11. TEXAS			
N	a.				No.	Type	QUANTITY	Wt/Vol.	WASTE ID#			
	b.											
E	E10,100				NIA .							
					200							
R	d. 400		400	70				ALG.				
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	O.			
A	HALLES THE WAY TO BE A CONTROL											
	14. IN CA	SE OF		ENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.			
T												
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proshipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable											
U	international and national government regulations, in	d labeled, icluding a	and are in a pplicable sta	III respects in proper co ate regulations, and are	the same	r transport materials	by nighway acc previously appr	oved by LE	A LAND, LLC			
R	PRINTED/TYPED NAME		SIGNATURE					DATE				
	HOLDER MALE THE SHARE OF						PHY.					
T R	16. TRANSPORTER (1)			17.	TF	RANSPO	ORTER (2)					
A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMP	RGENC	Y CONTA	CT:					
R	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPO		2): Ackn	owledgment of	receipt of r	naterial			
T E	PRINTED/TYPED NAME											
R S	TRINTED TITED NAME			PRINTED/TYPEI	) NAME			HAR	The state of			
3	SIGNATURE	DATE		SIGNATURE				DATE				
	Log Lond LLC	ADDI		M. I. CLAI	O II	60/16	PHONE		27. 40.49			
D F	Lea Land, LLC	N. P.		e Marker 64, U. Miles East of C			50,	3/3-80	37-4048			
I A S C	PERMIT NO.			20. COMMENTS	ariocae	Thurs.			No.			
PI	WM-01-035 - New Mex	WM-01-035 - New Mexico										
O L S I	21 DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	certify that the above of	described	wastes we	re delivered to	this facility	, that the					
A T L Y	AUTHORIZED SIGNATURE		CELL NO.		DAT	F	T m	IME				
				CELE IV.		Dell	The mast	100	670			
						1000						

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

#### LEA LAND, LLC

NON	ON-HAZARDOUS WASTE MANIFEST NO			116350	1. PAG	GEOF_	_ 2. TRAILER NO.					
G	3. COMPANY NAME	4. ADD	RESS	pure 1		5. P	ICK-UP DATE	Harrie				
9	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO	CC I.D. NO.				
E		Saffi Head			Heli							
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No. 1	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#			
N			Wit	No.			ALLIA S					
	b. /// //	Rajill					R. F. P.					
Е	c.	919										
R	d.	P	/1.1	410								
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	0.			
A												
	14. IN CA			ENCY OR SPIL	L, CON	TACT						
T	NAME	PHON	E NO				24-HOUR	EMERGE	NCY NO.			
O	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	the contents of this co	nsignmer	t are fully	and accurately	described a	bove by proper			
U	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled cluding a	and are in al applicable stat	l respects in proper con e regulations, and are	ndition fo the same	r transport materials	by highway acc previously appr	cording to a oved by LE	pplicable A LAND, LLC			
R	PRINTED/TYPED NAME			SIGNATURE					DATE			
					VI-VI-V	Halle :						
T R	16. TRANSPORTER (1)			17.	TF	RANSPO	ORTER (2)					
A	NAME: TEXAS I.D. NO.			NAME: TEXAS LD, NO.								
S P	IN CASE OF EMERGENCY CONTACT:			TEXAS LD. NO. IN CASE OF EMERGENCY CONTACT:								
0	EMERGENCY PHONE:			EMERGENCY PH		CONTR	THE PROPERTY					
R	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPOI	-	2): Ackno	owledgment of	receipt of r	naterial			
E R	PRINTED/TYPED NAME	J 12 4	119 0	PRINTED/TYPED	NAME			47.4				
S	SIGNATURE	DATE		SIGNATURE				DATE				
		ADD	RESS:				PHONE					
D F	Lea Land, LLC			Marker 64, U. Tiles East of Ca			30,	575-88	37-4048			
I A S C	PERMIT NO.	The same of	30 IV	20. COMMENTS	irisbac	I, INIVI		1076-1	THE STATE OF			
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	ertify that the above d	escribed	wastes we	re delivered to	this facility	that the				
L Y	AUTHORIZED SIGNATURE			CELL NO.		DAT	Е	T	IME			
		17							40			

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	116366	1, PAG	GEOF	2, TRAILER NO.						
C	3. COMPANY NAME	4. ADD	RESS			5. I	PICK-UP DA	ГЕ				
G	PHONE NO.	CITY		STATE		ZIP 6.7	INRCC I.D. 1	<b>40</b> .				
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D;			8. CON No.	TAINERS Type	9. TOTAL QUANTIT	111111111111111111111111111111111111111	11. TEXAS WASTE ID #			
N	a. who was the second of the s								HT DIX			
	b. 401160						199.18		10.32.0			
E	0.											
R	d.	7197		1 - 10 21 TY								
K	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WAST	E PROFILE 1	NO.			
A												
	14. IN CA			ENCY OR SPIL	L, CO	NTACT						
T	NAME	PHON	NE NO				24-HO	UR EMERG	ENCY NO.			
0	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	the contents of this co	onsignme	nt are fully	and accurate	ly described	above by proper			
U	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled cluding a	and are in al	respects in proper co e regulations, and are	the same	materials	previously a	according to oproved by L	EA LAND, LLC			
R	PRINTED/TYPED NAME			SIGNATURE					DATE			
ar.	TD 4 NODODTED (4)				777	2 1 2 10 12	angen (					
T R	16. TRANSPORTER (1) NAME:			17.		KANSP	ORTER (2					
A N	TEXAS LD. NO.			NAME: TEXAS I.D. NO.								
S P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:								
O R	EMERGENCY PHONE:	1 2 3		EMERGENCY PI	IONE:							
T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPO	RTER	(2): Ack	nowledgment	of receipt of	material			
E R	PRINTED/TYPED NAME	70074	77.52	PRINTED/TYPE	D NAME							
S	SIGNATURE A STATE OF THE SIGNATURE	DATE		SIGNATURE				DATE				
	I as I as I I I C	ADD	RESS:		G 11	(0.11	PHO		007 4040			
D F	Lea Land, LLC			e Marker 64, U Ailes East of C			80,	5/5-8	387-4048			
I A S C	PERMIT NO.			20. COMMENTS					Laway 1			
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 v	N: I Hereby	certify that the above	described	wastes w	ere delivered	to this facili	y, that the				
LY	AUTHORIZED SIGNATURE			CELL NO.		DA	ГБ		ТІМЕ			
	JATHER LINE	12/2	76				Higgs	5 3	9.70			

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 [	116367	1. PAC	E_OF_	2. TRAILER NO.						
C	3. COMPANY NAME	4. ADDI	RESS		4	5. P	ICK-UP DATE	197				
G	PHONE NO.	СПТҮ		STATE		CIP 6. T	NRCC I.D. NO					
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CONT	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N					1507	турс	QUALITY					
	b.											
E	c.	1										
	d. 12 / 12 / 17 / 17 / 17			AND								
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	KU.	4	1+10			13. WASTE P	ROFILE N	0.			
A	regarded to the mark to the											
	14. IN CA	SE OF	EMERG	RGENCY OR SPILL, CONTACT								
Т	NAME	PHON					24-HOUR	EMERGE	NCY NO.			
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare that	the contents of this co	nsignmen	t are fully	and accurately	described a	above by proper			
О	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled.	and are in al	I respects in proper co	ndition fo	r transport	by highway acc	cording to a	pplicable			
R	PRINTED/TYPED NAME			SIGNATURE		DATE						
				And the								
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)								
A	NAME:			NAME:								
N S	TEXAS LD, NO.			TEXAS I.D. NO.								
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EME		Y CONTA	eT;					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPOL		(2): Ackno	owledgment of	receipt of a	naterial			
E	PRINTED/TYPED NAME			PRINTED/TYPED	NAME				die e			
R S	SIGNATURE	DATE	11.20	OLONGO TO THE				DATE				
	SECTION CINES	DATE	RESS:	SIGNATURE			PHONE	DATE				
	Lea Land, LLC	ADD		Marker 64, U.	S. Hw	y 62/18	The second second		87-4048			
D F I A			30 N	Ailes East of Ca	arlsbac	, NM		Na Wal				
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	: I Hereby c	eby certify that the above described wastes were delivered to this facility, that									
L Y	AUTHORIZED SIGNATURE	7. 19	CELL NO.		DATE			IME				
y. 14	/19万人 (人) [4]	<b>EFI7</b>					q=tt_ntty					

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	116376	1, PAGE_OF_ 2. TRAILER NO.									
G	3. COMPANY NAME	4. ADDI	RESS			5. P	ICK-UP DATE						
	PHONE NO.	CITY		STATE	7	IP 6. T	NRCC I.D. NC						
E													
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CONT	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	II. TEXAS WASTE ID #				
N	a.	1.71											
	b: The state of th	100				W							
E	c.								Ar Park				
R	d. A service												
17	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE F	ROFILE N	0,				
A													
	14. IN CA			RGENCY OR SPILL, CONTACT									
T	NAME	PHON	E NO				24-HOUF	EMERGE	NCY NO.				
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare th	at the contents of this co	onsignmen	t 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	r transport	by highway ac	cording to a	pplicable				
R	PRINTED/TYPED NAME	100		SIGNATURE			W V		DATE				
					(11-6)								
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)									
A N	NAME:			NAME:									
S	TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:			TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT:									
0	EMERGENCY PHONE:			EMERGENCY PF		CONTAC							
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	19 TRANSPO		2): Ackno	owledgment of	receipt of n	naterial				
E R	PRINTED/TYPED NAME	9999	-3/4	PRINTED/TYPE	) NAME		ers Richard	weigh					
S	SIGNATURE	DATE		SIGNATURE				DATE	2011				
		ADDE					PHONE						
D F	Lea Land, LLC	- 100		le Marker 64, U Miles East of C			30,	575-88	37-4048				
I A S C	PERMIT NO.		30	20. COMMENTS	arisuac	, INIVI			SPAIN T				
P I O L	WM-01-035 - New Mex	ico		N 11/5/2012									
S I A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION vastes.	: I Hereby	y certify that the above	described	wastes wer	e delivered to	this facility,	that the				
L Y	AUTHORIZED SIGNATURE	T- 5		CELL NO.		DAT	E	т	IME				
	ATTINETY OF THE PARTY OF		Here						550E				

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

#### LEA LAND, LLC

NON	ON-HAZARDOUS WASTE MANIFEST NO			116377	1. PAG	1/2060						
G	3. COMPANY NAME	4. ADD	RESS			5, P	ICK-UP DATE					
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC LD, NC					
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No. 1	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a.				2.00	- JP-						
	b.											
E	c.											
	d. 1232											
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE F	ROFILE N	0			
A												
	14. IN CA	SE OF	EMER	GENCY OR SPIL	L, CON	NTACT						
T	NAME	PHON	E NO				24-HOUF	EMERGE	NCY NO,			
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare th	at the contents of this co	onsignmer	nt are fully	and accurately	described a	above by proper			
0	shipping name and are classified, packed, marked, and international and national government regulations, in	ndition fo	r transport	by highway ac	cording to a	pplicable						
R	PRINTED/TYPED NAME		SIGNATURE	14	Like I	8.00		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 EME		Y CONTA	CT:					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	1 19. TRANSPO		(2): Ackn	owledgment of	receipt of i	naterial			
E	PRINTED/TYPED NAME			PRINTED/TYPEI	) NAME							
R	SIGNATURE	to come						D. LOWE	HAVE THE			
	SIGNATURE	DATE	RESS:	_ SIGNATURE			PHONE	DATE				
	Lea Land, LLC	ADD		le Marker 64, Ú	S. Hw	y 62/18			87-4048			
D F I A				Miles East of C								
S C P I	PERMIT NO. WM-01-035 - New Mex	ico		20. COMMENTS								
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	N: I Hereb	y certify that the above t	described	wastes we	re delivered to	this facility	, that the				
LY	AUTHORIZED SIGNATURE			CELL NO.		DAT	E	Т	IME			
	Lagrana Janes								N. T.			

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	116393	1. PAC	GEOF_	ER NO.	1/0				
C	3. COMPANY NAME	4. ADD	RESS	ALL STATES		5. PI	CK-UP DATE		Tetal!		
G	PHONE NO.	CITY		STATE		ZIP 6. TT	VRCC I.D. NO				
E		Ciri		STATE		6. II	VRCC LD. NC				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	1100		Problem College	TAINERS	9. TOTAL	10. UNIT	11. TEXAS		
N	a.				No.	Type	QUANTITY	Wt/Vol.	WASTE ID#		
	b. /										
E	c.										
	a a										
R	45,820 4630	1580	I W			ger-					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE PROFILE NO.				
A											
T IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGEN											
	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by pror										
0											
	international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAN										
R	PRINTED/TYPED NAME			SIGNATURE	1,50				DATE		
To the						i - Kara					
T R	16. TRANSPORTER (1)			17.							
A N	NAME:			NAME:							
S	TEXAS I.D. NO.			TEXAS I.D, NO.							
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMP		Y CONTAC	T:				
R T	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of	f receipt	of materia	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material							
E	PRINTED/TYPED NAME			PRINTED/TYPET	NAME						
R				PRINTED/TYPED NAME							
	SIGNATURE	DATE		SIGNATURE				DATE			
	Lea Land, LLC	ADDI		le Marker 64, U.	S Hw	v 62/18	PHONE:		87-4048		
DF	Boa Band, EBC			Miles East of C			0,	313-60	3757070		
I A S C	PERMIT NO.			20. COMMENTS			A CHARLES		2400		
P I O L	WM-01-035 - New Mex			HY E.							
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	: I Hereb	certify that the above of	lescribed	wastes wer	e delivered to	this facility	that the		
L Y	AUTHORIZED SIGNATURE	CELL NO.		DATE		Т	IME				
	Dente Trans	2//10						-11:5			

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

#### LEA LAND, LLC

NOI	ON-HAZARDOUS WASTE MANIFEST NO			116384	1. PAG	GE_OF_	2. TRAILER NO.					
G	3. COMPANY NAME	4. ADD				5. PI	CK-UP DATE					
G	PHONE NO.	CITY		STATE		ZIP 6. TN	RCC I.D. NO					
E												
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N	a. There is the post to envir encour			KITIM!								
	b											
E					HINK							
R	d. A A A A A A A A A A A A A A A A A A A	20	7	15. 10.15								
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	Engl				13. WASTE P	ROFILE N	0.				
À												
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY NO											
T		THO	07.0				24-1001	LIVILKOL	NCT NO.			
О	15.GENERATOR'S CERTIFICATION: I 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,											
R	PRINTED/TYPED NAME			SIGNATURE	- 1				DATE			
Т	16. TRANSPORTER (1)	HV		17.	17. TRANSPORTER (2)							
R A	NAME:			NAME:								
N S	TEXAS I.D. NO.			TEXAS I.D. NO.	TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMP	ERGENC	Y CONTAC	T;					
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	EMERGENCY PH	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	(2): Acknow	udedoment of	receipt of a	naterial			
T E	PRINTED/TYPED NAME TO SEE S						wiedgillent of	receipt of t				
R		X.E.		PRINTED/TYPEI	J NAME							
	SIGNATURE	DATE		SIGNATURE				DATE				
	Lea Land, LLC	ADD	RESS:	e Marker 64, U.	S. Hw	v 62/18	PHONE:		87-4048			
D F I A		5.55		Miles East of C								
S C P I O L	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	N: I Hereby	certify that the above of	described	wastes were	delivered to	this facility	, that the			
LY	AUTHORIZED SIGNATURE		My,	CELL NO.	2011	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	115385	I. PA	GE_OF_	_ 2. TRAILER NO.							
G	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE					
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO					
E						ACCUMANTAL PROPERTY.						
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CONTAINER: No.   Type		9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#			
N			-119									
	Ъ.							Parlied				
E	c.,		5.5				EST-RITT					
R	d. 4 () 4)	1	12/973			e vale						
	12. COMMENTS OR SPECIAL INSTRUCTIONS.		i de un					13. WASTE PROFILE NO.				
A								100				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY NO.											
T												
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by prope 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 LA											
R	PRINTED/TYPED NAME			SIGNATURE					DATE			
T	16. TRANSPORTER (1)			17.	T	ANSPO	ORTER (2)					
R	NAME:			NAME:					1515			
N	TEXAS I.D. NO.			TEXAS I.D. NO.								
S P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMP	IN CASE OF EMERGENCY CONTACT:							
O R	EMERGENCY PHONE:	Tite.		EMERGENCY PHONE:								
T E	18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	19. TRANSPORTER (2): Acknowledgment of receipt of material								
R	PRINTED/TYPED NAME			PRINTED/TYPED NAME								
S	SIGNATURE	DATE		SIGNATURE			HINGE W	DATE				
	Lea Land, LLC	ADD	RESS:	ile Marker 64, U.	C Llu	n 62/18	PHONE		37-4048			
D F I A	Dea Earld, DEC			Miles East of C		8	10,	379-66	3/-4046			
S C	PERMIT NO. WM-01-035 - New Mex	PERMIT NO.				A Dist						
P I O L												
S 1 A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	N: I Herek	y certify that the above of	described	wastes wer	re delivered to	this facility	that the			
LY	AUTHORIZED SIGNATURE	CELL NO.		DATE TIME			IME					
							TO Water	4115				

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	116389	1. PA	GEOF_	2. TRAIL	2. TRAILER NO.						
G	3. COMPANY NAME	4. ADD	RESS			5. P	ICK-UP DATE						
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO	), <u> </u>					
E								Land Land					
	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	· · · · · · · · · · · · · · · · · · ·	477					Hamilia						
	b	16.4											
E							200000						
R	d.						7						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE F	, WASTE PROFILE NO.							
A													
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCY NO												
T	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by pro-												
0													
	O shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to an international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA.												
R	PRINTED/TYPED NAME			SIGNATURE	1.4	te fine			DATE				
T	16. TRANSPORTER (1)	2 150	Marie .		(IP)	NEDG	DEED (A)						
R	16. TRANSPORTER (1) NAME:			17. TRANSPORTER (2)									
A	TEXAS I.D. NO.			NAME: TEXAS I.D. NO.									
S P	IN CASE OF EMERGENCY CONTACT:				I EXAS I.D. NO.  IN CASE OF EMERGENCY CONTACT:								
O R	EMERGENCY PHONE:			EMERGENCY PH			Tell plan		TO LETE				
T	18. TRANSPORTER (1): Acknowledgment of	of receipt	of materia	1 19. TRANSPO	RTER	(2): Ackno	owledgment of	receipt of n	naterial				
E R	PRINTED/TYPED NAME		MAX IIV	PRINTED/TYPEI	PRINTED/TYPED NAME								
S	SIGNATURE	DATE		SIGNATURE DATE									
	Lan Land LLC	ADD	RESS:		0 **	60/16	PHONE		27 4040				
D F	Lea Land, LLC	-13		ile Marker 64, U. Miles East of Ca			30,	5/5-80	37-4048				
I A S C	PERMIT NO.	20. COMMENTS		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ALTERNATION OF THE PERSON OF T	1 -50	A DEVE						
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 vastes.	N: I Hereb	y certify that the above of	lescribed	wastes we	e delivered to	this facility,	that the				
LY	AUTHORIZED SIGNATURE	CELL NO.		DAT	Б	Т	ME						
	A60750 - X 5 - H	174	4				-108-0-	1.0	X.20				

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	116394	I. PAC	1. PAGEOF 2. TRAILER NO. ////						
	3. COMPANY NAME	4. ADD					CK-UP DATE				
G	DUONE NO	1.70						RCC LD. NO.			
	PHONE NO.	CITY		STATE		ZIP 6, T	NRCC I.D. NO				
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. The contract of the contrac						UK-Y-ST				
E		Parking.									
	c.										
R	d. 48 14()	1)				200					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	17.		Dan Hause			13. WASTE P	ROFILE N	O.		
A											
	14. IN CA	SE OF		ENCY OR SPIL	L, CON	NTACT	24 HOLD	EVEDOR	NOVENO		
T		PHON	ENU				24-HOUR	EMERGE	NC Y NO:		
0	15 GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by j										
U	shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applianternational and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA I										
R	PRINTED/TYPED NAME			SIGNATURE					DATE		
					7		P				
T R	16. TRANSPORTER (1)			17. TRANSPORTER (2)							
A	NAME:			NAME:							
N S	TEXAS LD. NO.			TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EME	RGENC	Y CONTAC	T:				
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	19. TRANSPOL		2): Aekno	wledgment of	receipt of r	naterial		
T E	PRINTED/TYPED NAME		17 Day						and the last		
R				PRINTED/TYPED NAME							
	SIGNATURE	DATE		SIGNATURE				DATE			
	Lea Land, LLC	ADD	RESS:	Marker 64, U.	C Llw	0 62/19	PHONE		37-4048		
DF	Eca Land, ELE			files East of Ca		11 11 12 11 11	0,	3/3-00	37-10-10		
I A S C	PERMIT NO.	20. COMMENTS		Territ	espire!						
PIOL	WM-01-035 - New Mex					$-1/\lambda$					
SI	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION astes.	: I Hereby c	ertify that the above d	escribed	wastes wer	e delivered to	this facility	that the		
LY	AUTHORIZED SIGNATURE	1,75		CELL NO.		DATI		т	IME		
	18 47 / 18 18 18 18 18 18 18 18 18 18 18 18 18	De					red the o		gi z e i		

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	116395	1. PA	1. PAGEOF 2, TRAILER NO.						
C	3. COMPANY NAME	4. ADDRE	SS	Non-Jacob		5. P	ICK-UP DATE				
G	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO	I I Was	171114		
E				SIME		2.11	U. PARCE ED. NO.				
	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 series a color tax and a series				140.	турс	QUALTITI	TO TOIL	WASTE ID #		
1	b. 12F1D										
E	c.										
	d. // // / / /	215 (N/A									
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	2	T1, 140		OR STEW	13 WASTE P	PROFILE N	0			
A							TO, WILDIE	3. WASTE PROFILE NO.			
Т	T IN CASE OF EMERGENCY OR SPILL, CONTACT 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 I										
О	shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applica international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LA										
R	PRINTED/TYPED NAME	SIGNATURE				THE.	DATE				
						11/1/10			de alder		
T R	16. TRANSPORTER (1)	17.	TI	RANSPO	RTER (2)						
A N	NAME:			NAME:							
S	TEXAS I.D. NO.			TEXAS I.D. NO.							
P	IN CASE OF EMERGENCY CONTACT:  EMERGENCY PHONE:			IN CASE OF EME		Y CONTAC	Ti				
R	18. TRANSPORTER (1): Acknowledgment of	of receipt of	material	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material							
E R	PRINTED/TYPED NAME	pk) is	19.72	PRINTED/TYPED NAME							
S	SIGNATURE	DATE		SIGNATURE DATE							
		ADDRE	SS:		7.00	1911	PHONE:				
D F	Lea Land, LLC			Marker 64, U.			0,	575-88	37-4048		
I A S C	PERMIT NO.		30 1	Miles East of Ca	arlsbac	I, NM					
PI	WM-01-035 - New Mexico			23. COMMENTO							
O L S I A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION:	I Hereby	certify that the above d	lescribed	wastes wer	e delivered to	this facility,	that the		
LY	AUTHORIZED SIGNATURE			CELL NO.		DAT	E	Ŧ	ME		
	1865-12 108	Wil					1201,046				

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	116406	1. PA	GEOF_	2. TRAILER NO.						
0	3. COMPANY NAME	4. ADDR	ESS			5. P	ICK-UP DATE		Haral S			
G	PHONE NO.	CITY		STATE		ZIP 6.T	NRCC LD, NO.					
E		CITY		SPAIR.		ZIP   6. 1	NREC I.D. NO	RECEID. NO.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D;				TAINERS	9. TOTAL	10. UNIT	11. TEXAS			
N	Bristo, March March Donner, Company Company				No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#			
	b.											
E	C.					100						
	d					551140						
R	440x14()											
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE P	ROFILE N	0.			
A	RHETER SECRETARION SECURITION		No.									
Tr.	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO.											
Т												
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 applicate international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAN											
R	PRINTED/TYPED NAME	SIGNATURE	14	1.			DATE					
T R	16. TRANSPORTER (1)			17.	TF	RANSPO	ORTER (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	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt of	f material	EMERGENCY PH		(2): Ackno	wledgment of	receipt of u	naterial			
T E	PRINTED/TYPED NAME		Total I									
R	ANTIES I I I ED NAME.			PRINTED/TYPED NAME								
	SIGNATURE	DATE		SIGNATURE			1	DATE				
	Lea Land, LLC	ADDRI		Madea 64 II	e II	(2/10	PHONE:	ETE 00	7 4049			
D F	Dea Land, LLC			e Marker 64, U. Miles East of Ca			0,	3/3-88	37-4048			
I A S C	PERMIT NO.	20. COMMENTS			i subje	PIER	Keyer S					
P I O L	WM-01-035 - New Mex											
S I A T	21.DISPOSAL FACILITY'S CERTIFICATE facility is authorized and permitted to receive such w	ATION:	I Hereby	certify that the above d	lescribed	wastes wer	re delivered to t	his facility,	that the			
v	AUTHORIZED SIGNATURE			CELL NO.		DATE TIME						
				A CARLES		Jan 1						
-		The same of the same of	THE RESERVE AND ADDRESS.					-				

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	11641	8	1. PAGEOF 2. TRAILER NO.						
C	3. COMPANY NAME	4. ADDR	ESS				5.)	PICK-UP DATE	417/04	Market .	
G	PHONE NO.	CITY		STATE		to the last	ZIP 6.	INRCC LD. NO		4 5 ( )	
E		Cirt		SIMIL			211 0.	TIVACE TID. INC			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	Di	ALK I		- 1		TAINERS	9. TOTAL	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N	a.					No.	Type	QUANTITY	WITVOL	WASTE ID#	
	b.										
E	C							La garanta			
	d.										
R											
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE F	13. WASTE PROFILE NO.				
A											
T IN CASE OF EMERGENCY OR SPILL, CONTACT PHONE NO 24-HOUR EMERGENCE											
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by pro-										
	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 LAN									A LAND, LLC	
R	PRINTED/TYPED NAME		17.27	SIGNATURE	3	VIII.	2745			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	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt o	of material	EMERGENCY PHONE:  19. TRANSPORTER (2): Acknowledgment of receipt of material							
T E	PRINTED/TYPED NAME										
R	TRINIED THED NAME			PRINTED/TYPED NAME							
5	SIGNATURE	DATE		SIGNATURE DATE							
	Lea Land, LLC	ADDR		35-1	4 776	N TT	60/1	PHONE		27 4049	
D F	Lea Land, LLC	SEP OF S		e Marker 6 Miles East	13			80,	5/5-8	87-4048	
I A S C	PERMIT NO.			20. COMME		risouc	., 1111		DES.	A 25.00 - 1	
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 vastes.	: I Hereby	certify that the	above de	scribed	wastes we	ere delivered to	this facility	that the	
LY	AUTHORIZED SIGNATURE	CELL NO		DATE TIME				IME			
			1.4								

# APPENDIX E Initial and Final C-141

#### NM OIL CONSERVATION

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

Attach Additional Sheets If Necessary

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

Oil Conservation Division

1220 South St. Francis Dr.

ARTESIA DISTRICT

Form C-141 Revised August 8, 2011

SEP 07 2016

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

Santa Fe. NM 87505 Release Notification and Corrective Action **OPERATOR** Final Report Initial Report Contact: Dudley McMinn Name of Company: XTO Energy, Inc. Address: 500 W. Illinois Ave., Suite 100, Midland, TX 70701 Telephone No.: (432) 682-8873 Facility Type: Tank Battery (Equipment Removed) Facility Name: Nash Draw Unit Battery #1 & #6 API No. 30-015-21277 Surface Owner: Federal Mineral Owner: Federal LOCATION OF RELEASE Unit Letter Section Township Feet from the North/South Line Feet from the East/West Line County: Eddy Range 13 235 29E H 1980 North 660 Frist Latitude 32.307778 Longitude -103.932222 NATURE OF RELEASE Type of Release: Crude Oil Volume Recovered: None Volume of Release: Unknown Date and Hour of Discovery Source of Release: Spills Date and Hour of Occurrence 07-20-2016 Unknown If YES, To Whom? Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required By Whom? Date and Hour If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? Yes No 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. Describe Area Affected and Cleanup Action Taken.\* Affected soil to be excavated, treated onsite treatment or disposed offsite at OCD approved facility. Refer to attached analytical data summary. I hereby cartify 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. OIL CONSERVATION DIVI Signature Approved by Environmental Specialist: Printed Name: Luke Williams Expiration Date: Approval Date Title: EH&S Coordinator Remediation per O.C.D. Rules & Guidelines E-mail Address: Luke\_Willoims@xtoenergy.com Conditions of Approval: SUBMIT REMEDIATION PROPOSAL NO Date: 09-07-2016 Phone: (432) 683-8873 DIVITO

LATER THAN:

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

Date: 03-21-2017

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

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Santa	i Fe, NM 875	05						
Release Notificat	ion and Co	rrective A	ction					
	OPERA'	ГOR	П	Initial Report	$\boxtimes$	Final Report		
Name of Company: XTO Energy, Inc.	Contact: Dudley McMinn							
Address: 500 W. Illinois Ave., Suite 100, Midland, TX 70701	Telephone No.: (432) 682-8873							
Facility Name: Nash Draw Unit Battery #1 & #6	Facility Typ	e: Tank Battery	y (Equipmen	it Removed)		- 22		
Surface Owner: Federal Mineral Owner	er: Federal		AF	PI No. 30-015-	21277			
LOCATI	ON OF RE	LEASE						
	orth/South Line	Feet from the	East/West I	ine County:	Eddy			
H 13 23S 29E 1980	North	660	East					
Latitude <u>32.3077</u>	78 Longitud	e -103.932222	L					
	RE OF REL	78 SCHOOLS VAN STATING STATING						
Type of Release: Crude Oil		Release: Unknov	vn Volt	ume Recovered	None			
Source of Release: Spills	Date and 1	lour of Occurrenc	e Date	and Hour of D	iscovery	·		
W- Landin No. Ci. 2	Unknown	AND THE WAR - MINE PLANTS TO PROBE OF MINE AND STREET		20-2016				
Was Immediate Notice Given?  ☐ Yes ☐ No ☒ Not Require	If YES, To	Whom?						
By Whom?	Date and Hour							
Was a Watercourse Reached?  ☐ Yes ⋈ No	If YES, Vo	olume Impacting t	he Watercour	se.				
If a Watercourse was Impacted, Describe Fully.*		—2,475505100 ESB-25345505-855 19-65 1		*				
Describe Cause of Problem and Remedial Action Taken.* Hydrocarb following removal of tanks and equipment. Remediation plans were additional contamination observed during remediation north of location. Describe Area Affected and Cleanup Action Taken.* Soil was exapproximately 35 x 45 feet. The excavation backfilled with caliche to the excavation above the liner was backfilled with top soil and seeded about 30 x 30 feet and backfilled with caliche. Location DP-01-04 ex	approved by the n DP-01-04.  Excavated to a not a feet where a f with BLM No. accorded to 1 foot accorded to	ocd District 2  naximum depth of 20-mil thickness p  2 mix. Location over area measure	on November of 16 feet at polyethylene DP-01-03 ex- ring about 20	DP-01-01 over the control of the con	or an aired. The	er 6, 2016 for rea measuring e remainder of area measuring d with caliche.		
An area of hydrocarbon staining was discovered north of DP-01-04 vabout 3 feet where 20 mil thickness liner was installed per OCD approsurface. Laboratory results confirmed BTEX and TPH below RRAL cubic yards of contaminated soil was disposed at Lea Land Landfill, L	was excavated be oval on Decembe . in all confirma LC.	etween 6 and 7 fe or 6, 2016. Excav tion samples. Sin	et bgs. Exca vation above l te was graded	vation was bac iner was filled I for drainage.	kfilled v vith call Approx	with caliche to iche to ground kimately 1,380		
I hereby certify that the information given above is true and complete tregulations all operators are required to report and/or file certain releas public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remove or the environment. In addition, NMOCD acceptance of a C-141 reportederal, state, or local laws and/or regulations.	se notifications and the NMOCD multiple that the thick the things of the second minutes and the second minutes are the second minutes and the second minutes are	nd perform correct arked as "Final Room that pose a three	tive actions for eport" does noted eat to ground	or releases whic ot relieve the op water, surface v	h may e erator o vater, hi	endanger of liability uman health		
		OIL CONS	SERVATI	ON DIVISI	<u>ON</u>			
Signature:								
Printed Name: Luke Williams	Approved by	Environmental S <sub>l</sub>	pecialist: ${\cal B}$	radford	Bill	lings		
Title: EH&S Coordinator	9 8 8	e; 11/19/2019		ation Date:				
E-mail Address: Luke Willaims@xtoenergy.com	Conditions of	Conditions of Approval:						

Phone: (432) 683-8873