

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

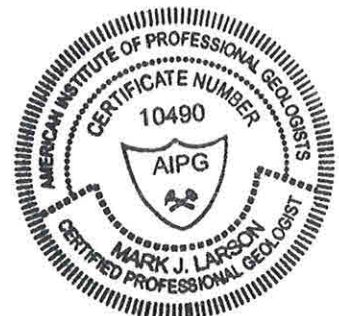
Prepared by:

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® 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.

1.3 Recommended Remediation Action Levels

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

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

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

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

2.0 REMEDIATION

Soil remediation was performed between November 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

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 (Feet)	Collection Date	Status	C6 - C12 (mg/Kg)	>C12 - C28 (mg/Kg)	>C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (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	--
	3 - 4	6/20/2016	Excavated	224	1,810	269	2,300	4,790
	6	9/29/2016	Excavated	968	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	--	--	--	--	1,540
DP-01-02	20	10/19/2016	In-Situ	--	--	--	--	722
	25	10/19/2016	In-Situ	--	--	--	--	433
	0 - 1	6/20/2016	In-Situ	<137	541	181	722	39.6
	1 - 2	6/20/2016	In-Situ	--	--	--	--	--
DP-01-03	2 - 3	6/20/2016	In-Situ	<29.1	<29.1	<29.1	<29.1	71.5
	3 - 4	6/20/2016	In-Situ	--	--	--	--	--
	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	--
DP-01-03	2 - 3	6/20/2016	Excavated	1,960	20,000	2,300	24,300	--

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 (Feet)	Collection Date	Status	C6 - C12 (mg/Kg)	>C12 - C28 (mg/Kg)	>C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
OCD RRAL: 1,000								
	3 - 4	6/20/2016	Excavated	197	4,380	563	5,140	--
	6	9/29/2016	Excavated	85.7	3,230	722	4,030	--
	10	9/29/2016	In-Situ	<27.5	481	107	587	--
	14	9/29/2016	In-Situ	30.7	720	160	910.7	--
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	--
	2 - 3	6/20/2016	In-Situ	<32.1	157	59.0	216.0	--
	3 - 4	6/20/2016	In-Situ	--	--	--	--	--
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	--	--	--	--	--
	2 - 3	6/20/2016	In-Situ	--	--	--	--	--
	3 - 4	6/20/2016	In-Situ	--	--	--	--	--

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 guidance 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 (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	>C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
OCD RRAL:											
DP-01-01	East	2	11/14/2016	Excavated	<0.00109	0.01021	<27.174	676.68	455.91	1,132.59	--
		4	11/14/2016	Excavated	<0.00111	0.00753	32.222	3,434.6	1,738	5,204.82	--
	South	4	11/22/2016	In-Situ	--	--	<27.5	<27.5	<27.5	<27.5	--
		4	11/14/2016	In-Situ	<0.00128	0.00644	<32.051	140.01	<32.051	140.01	--
	West	2	11/14/2016	Excavated	<0.00114	0.00598	<28.409	925.26	478.47	1,403.73	--
		2	11/22/2016	In-Situ	--	--	<26.3	508	202	710	--
		4	11/22/2016	In-Situ	--	--	<26.3	501	237	738	--
		4	11/14/2016	In-Situ	<0.00119	0.00183	<29.762	<29.762	<29.762	<29.762	--
	North	2	11/14/2016	Excavated	<0.00114	<0.00795	<28.409	2,777.2	1,327.8	4,105.00	--
		2	11/22/2016	In-Situ	--	--	<26.6	<26.6	<26.6	<26.6	--
	Northeast	4	11/22/2016	In-Situ	--	--	<27.2	<27.2	<27.2	<27.2	--
		4	11/22/2016	In-Situ	--	--	<26.6	<26.6	<26.6	<26.6	--
	Northwest	2	11/22/2016	In-Situ	--	--	<26.3	<26.3	<26.3	<26.3	--
		4	11/22/2016	In-Situ	--	--	<26.9	108	33.4	141.4	--
	Bottom	4	11/14/2016	Excavated	<0.00112	0.00499	<28.090	1,387.6	736.63	2,124.23	--
North Area	West	8	11/29/2016	In-Situ	--	--	<28.1	123	66.8	189.8	--
		8	11/29/2016	In-Situ	--	--	<27.5	540	233	733	--
		12	11/29/2016	In-Situ	--	--	<28.1	96.7	31.3	128	--
		16	11/29/2016	In-Situ	--	--	<27.2	<27.2	<27.2	<27.2	--
	North	8	11/29/2016	Excavated	--	--	352	2,290	535	3,170	--
			12/2/2016	In-Situ	--	--	44.7	116	57.2	217.9	--
		12	11/29/2016	In-Situ	--	--	42.9	211	33.3	287.2	--

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

		16	11/29/2016	In-Situ	--	--	57.4	484	80.5	--	--
	East	8	11/29/2016	In-Situ	--	--	<27.5	<27.5	<27.5	--	--
		12	11/29/2016	In-Situ	--	--	<27.8	<27.8	<27.8	--	--
		16	11/29/2016	In-Situ	--	--	<28.1	<28.1	<28.1	--	--
	South	8	11/29/2016	In-Situ	--	--	<28.7	45.7	<28.7	--	--
		12	11/29/2016	In-Situ	--	--	<28.1	<28.1	<28.1	--	--
		16	11/29/2016	In-Situ	--	--	<27.8	<27.8	<27.8	--	--
DP-01-03	East	4	11/14/2016	In-Situ	<0.00109	0.00726	<27.174	101.54	<27.174	101.54	--
	South	4	11/14/2016	In-Situ	<0.00108	<0.00754	<26.882	418.85	191.27	610.12	--
	North	4	11/14/2016	In-Situ	<0.00105	<0.00515	<26.316	<26.316	<26.316	<26.316	--
	West	4	11/14/2016	In-Situ	<0.00109	<0.00761	<27.174	380.83	170.74	551.57	--
Stained Area	S-1	6	12/2/2016	In-Situ	0.00173	0.003263	170	1,030	163	1,360	675
		8	12/2/2016	In-Situ	--	--	<27.5	<27.5	<27.5	<27.5	1,070
	S-2	6	12/2/2016	In-Situ	<0.0-112	<0.00786	<28.1	141	32.2	173.3	476
		8	12/2/2016	In-Situ	--	--	<28.4	<28.4	<28.4	<28.4	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

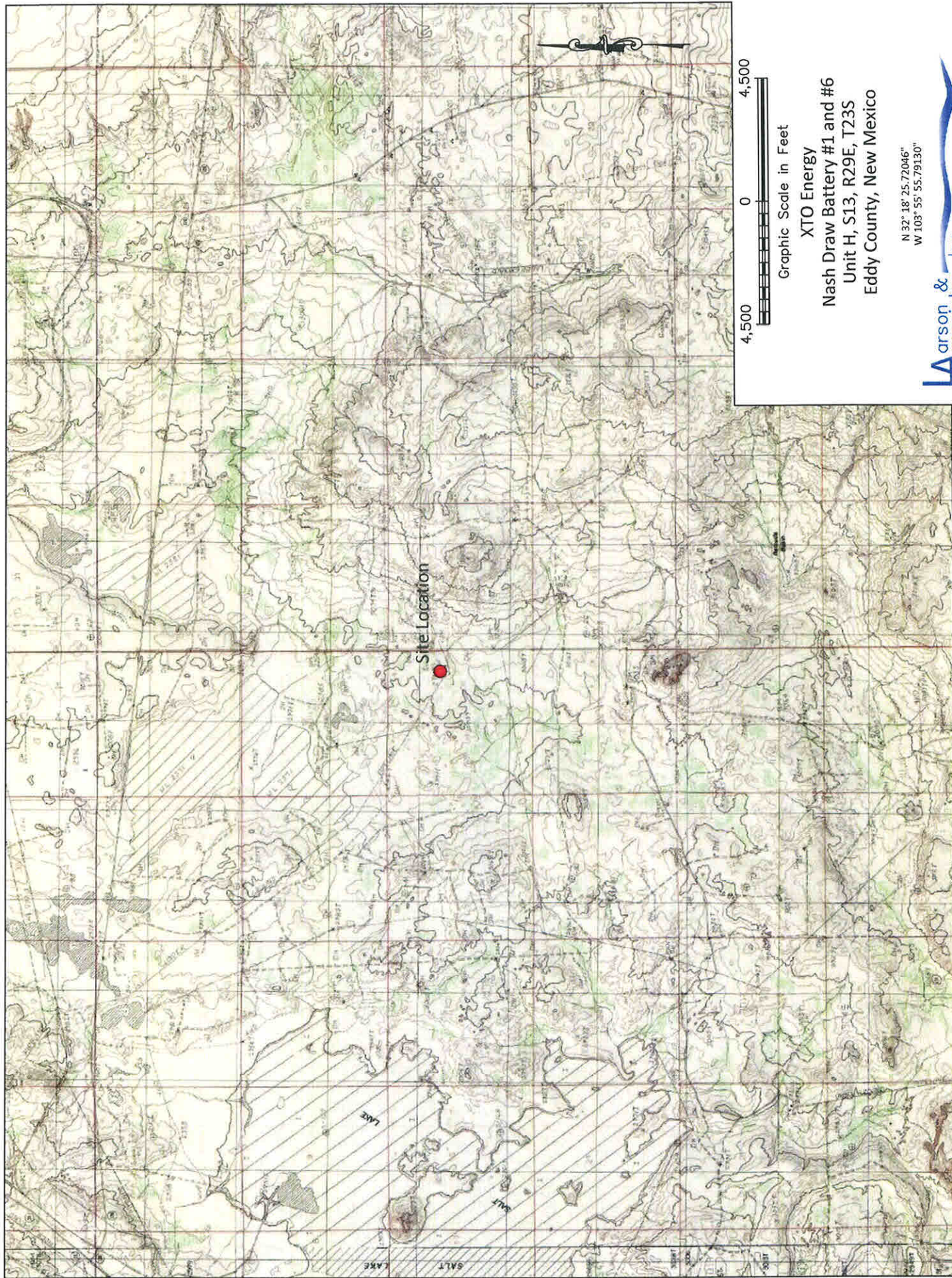


Figure 1 - Topographic Map

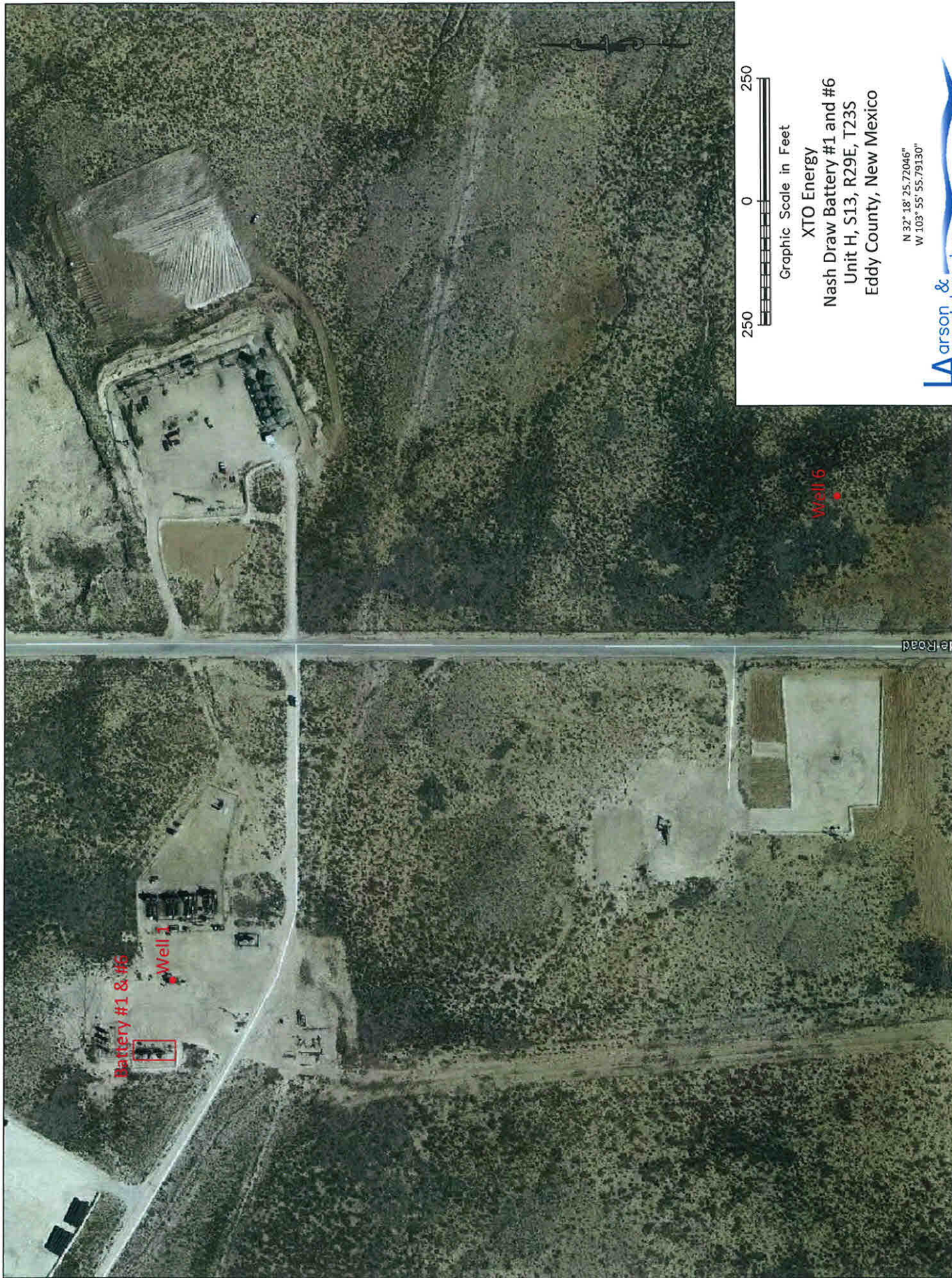


Figure 2a - Aerial Map



Figure 2b - Detailed Aerial Map

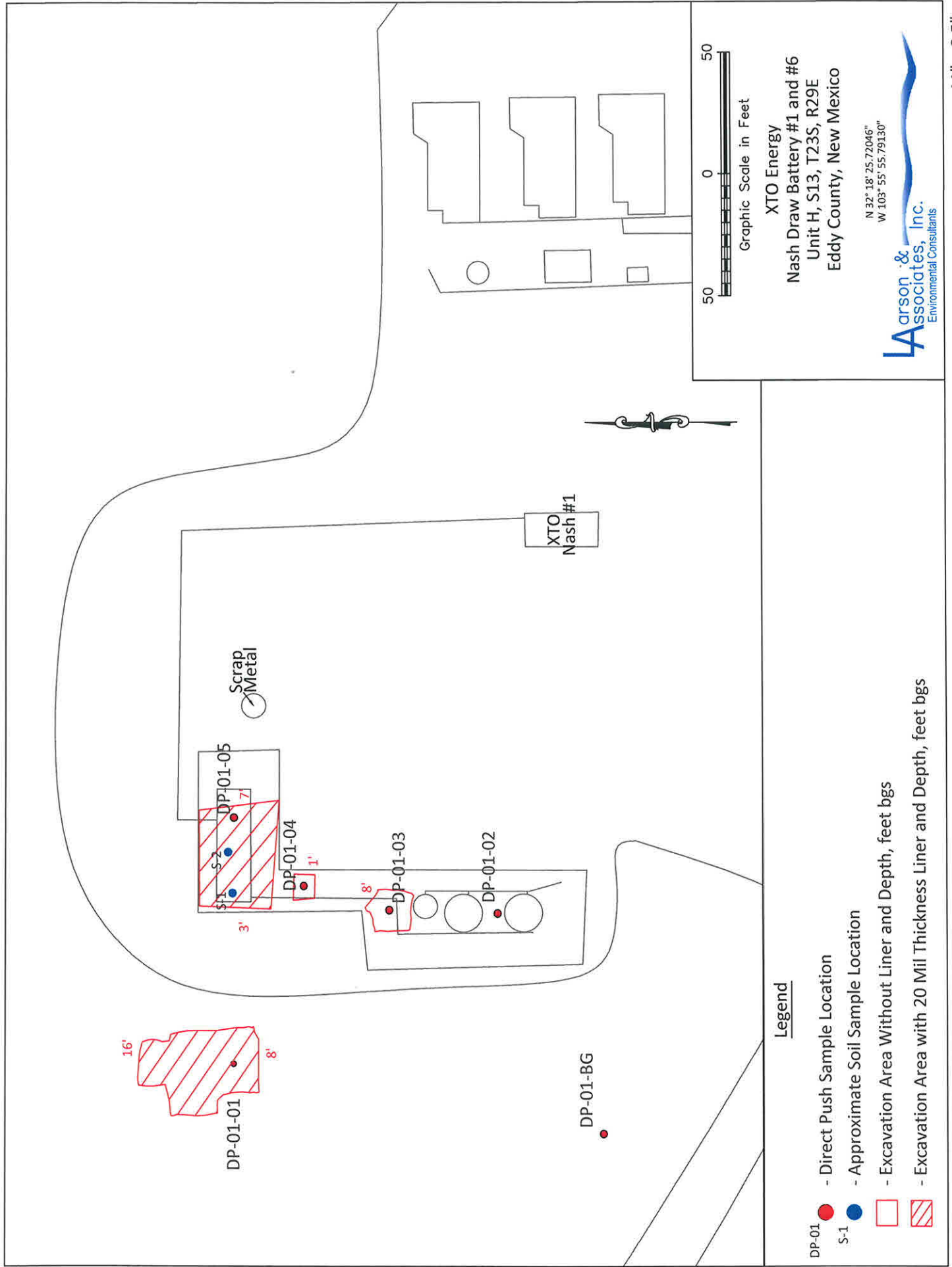


Figure 3 - Site Map Showing Soil Sample and Excavation Locations

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 <mike.bratcher@state.nm.us>; Patterson, Heather, EMNRD <Heather.Patterson@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>
Cc: McMinn, Dudley <Dudley_McMinn@xtoenergy.com>; 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 at 25 feet bgs in DP-01-01. The attached drawing (Figure 4) presents the approximate location of the excavation 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

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 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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

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 (o)	0.00256	0.00111	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.0 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		73.2 %	75-125		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	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		97.7 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		106 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	5204.8	27.778	mg/kg dry	1	[CALC]	11/15/16	11/16/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	10.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00128	mg/kg dry	1	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 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.5 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	32.051	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C12-C28	140.01	32.051	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
>C28-C35	ND	32.051	mg/kg dry	1	P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: 1-Chlorooctane		77.1 %	70-130		P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		91.6 %	70-130		P6K1703	11/15/16	11/15/16	TX 1005	
Total Hydrocarbon nC6-nC35	140.01	32.051	mg/kg dry	1	[CALC]	11/15/16	11/15/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	22.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00119	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Toluene	ND	0.00238	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	1	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 (o)	0.00183	0.00119	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		78.0 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		77.0 %	75-125		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 %	70-130		P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		88.4 %	70-130		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 EPA / Standard Methods

% Moisture	16.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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
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DP-01-01,B4
6K15001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

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 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		74.0 %	75-125		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	1	P6K1703	11/15/16	11/16/16	TX 1005	
>C28-C35	736.63	28.090	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		95.5 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		104 %	70-130		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 EPA / Standard Methods

% Moisture	11.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
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	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	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		79.7 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		78.2 %	75-125		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: 1-Chlorooctane		95.2 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		104 %	70-130		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 EPA / Standard Methods									
% Moisture	12.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

Permian Basin Environmental Lab, L.P.

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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00109	mg/kg dry	1	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 (o)	0.00214	0.00109	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		76.9 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		69.4 %	75-125		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		92.4 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		99.0 %	70-130		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 EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

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	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (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 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		77.0 %	75-125		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 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		104 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Total Hydrocarbon nC6-nC35	4105.0	28.409	mg/kg dry	1	[CALC]	11/15/16	11/16/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	12.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, 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 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		76.8 %	75-125		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-Chlorooctane		72.1 %	70-130		P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		90.0 %	70-130		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 EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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Permian Basin Environmental Lab, L.P.

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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	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	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	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		P6K1502	11/15/16	11/15/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		77.6 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
C6-C12	ND	26.882	mg/kg dry	1	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	1	P6K1703	11/15/16	11/16/16	TX 1005	
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	1	[CALC]	11/15/16	11/16/16	[CALC]	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	7.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

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)	0.00315	0.00211	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Xylene (o)	0.00200	0.00105	mg/kg dry	1	P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.2 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		80.2 %	75-125		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	
Surrogate: 1-Chlorooctane		71.8 %	70-130		P6K1703	11/15/16	11/15/16	TX 1005	
Surrogate: o-Terphenyl		91.0 %	70-130		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 Methods

% Moisture	5.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, 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)	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 %	75-125		P6K1502	11/15/16	11/15/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		69.7 %	75-125		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	170.74	27.174	mg/kg dry	1	P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: 1-Chlorooctane		92.5 %	70-130		P6K1703	11/15/16	11/16/16	TX 1005	
Surrogate: o-Terphenyl		100 %	70-130		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 EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6K1604	11/16/16	11/16/16	% calculation	
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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

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
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Batch P6K1502 - General Preparation (GC)

Blank (P6K1502-BLK1)

Prepared & Analyzed: 11/15/16

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0576		"	0.0800		72.0	75-125			S-GC
Surrogate: 4-Bromofluorobenzene	0.0629		"	0.0800		78.6	75-125			

LCS (P6K1502-BS1)

Prepared & Analyzed: 11/15/16

Benzene	0.0890	0.00100	mg/kg wet	0.100		89.0	70-130			
Toluene	0.0932	0.00200	"	0.100		93.2	70-130			
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130			
Xylene (p/m)	0.194	0.00200	"	0.200		96.8	70-130			
Xylene (o)	0.0956	0.00100	"	0.100		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0662		"	0.0800		82.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.0645		"	0.0800		80.6	75-125			

LCS Dup (P6K1502-BSD1)

Prepared & Analyzed: 11/15/16

Benzene	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	"	0.100		109	70-130	3.00	20	
Xylene (p/m)	0.193	0.00200	"	0.200		96.3	70-130	0.451	20	
Xylene (o)	0.0958	0.00100	"	0.100		95.8	70-130	0.167	20	
Surrogate: 1,4-Difluorobenzene	0.0603		"	0.0800		75.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.0630		"	0.0800		78.8	75-125			QM-07

Matrix Spike (P6K1502-MS1)

Source: 6K14002-09

Prepared & Analyzed: 11/15/16

Benzene	0.144	0.00106	mg/kg dry	0.213	ND	67.5	80-120			QM-07
Toluene	0.151	0.00213	"	0.213	ND	71.0	80-120			QM-07
Ethylbenzene	0.158	0.00106	"	0.213	0.000670	74.1	80-120			QM-07
Xylene (p/m)	0.277	0.00213	"	0.426	ND	65.2	80-120			QM-07
Xylene (o)	0.141	0.00106	"	0.213	ND	66.1	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.0757		"	0.0851		89.0	75-125			
Surrogate: 4-Bromofluorobenzene	0.0736		"	0.0851		86.5	75-125			

Permian Basin Environmental Lab, L.P.

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

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

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
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Batch P6K1502 - General Preparation (GC)

Matrix Spike Dup (P6K1502-MSD1)

Source: 6K14002-09

Prepared & Analyzed: 11/15/16

Benzene	0.129	0.00106	mg/kg dry	0.213	ND	60.4	80-120	11.1	20	QM-07
Toluene	0.135	0.00213	"	0.213	ND	63.3	80-120	11.6	20	QM-07
Ethylbenzene	0.145	0.00106	"	0.213	0.000670	67.6	80-120	9.07	20	QM-07
Xylene (p/m)	0.250	0.00213	"	0.426	ND	58.8	80-120	10.2	20	QM-07
Xylene (o)	0.129	0.00106	"	0.213	ND	60.7	80-120	8.42	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.0716		"	0.0851		84.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.0675		"	0.0851		79.3	75-125			

Batch P6K1703 - TX 1005

Blank (P6K1703-BLK1)

Prepared & Analyzed: 11/15/16

C6-C12	ND	25.000	mg/kg wet							
>C12-C28	ND	25.000	"							
>C28-C35	ND	25.000	"							
Surrogate: 1-Chlorooctane	73.8		"	100		73.8	70-130			
Surrogate: o-Terphenyl	43.6		"	50.0		87.3	70-130			

LCS (P6K1703-BS1)

Prepared & Analyzed: 11/15/16

C6-C12	938	25.000	mg/kg wet	1000		93.8	75-125			
>C12-C28	953	25.000	"	1000		95.3	75-125			
Surrogate: 1-Chlorooctane	90.0		"	100		90.0	70-130			
Surrogate: o-Terphenyl	41.5		"	50.0		83.0	70-130			

Matrix Spike (P6K1703-MS1)

Source: 6K15001-03

Prepared & Analyzed: 11/15/16

C6-C12	1170	29.762	mg/kg dry	1190	18.9	96.5	75-125			
>C12-C28	1150	29.762	"	1190	ND	96.7	75-125			
Surrogate: 1-Chlorooctane	101		"	119		85.1	70-130			
Surrogate: o-Terphenyl	50.8		"	59.5		85.3	70-130			

Permian Basin Environmental Lab, L.P.

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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

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
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Batch P6K1703 - TX 1005

Matrix Spike Dup (P6K1703-MSD1)

Source: 6K15001-03

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	"	1190	ND	100	75-125	3.77	20	
Surrogate: 1-Chlorooctane	103		"	119		86.8	70-130			
Surrogate: o-Terphenyl	52.6		"	59.5		88.4	70-130			

Permian Basin Environmental Lab, L.P.

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

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6K1604 - * DEFAULT PREP *****

Blank (P6K1604-BLK1)

Prepared & Analyzed: 11/16/16

% Moisture ND 0.1 %

Duplicate (P6K1604-DUP1)

Source: 6K15001-11

Prepared & Analyzed: 11/16/16

% Moisture 9.0 0.1 % 8.0 11.8 20

Duplicate (P6K1604-DUP2)

Source: 6K15003-13

Prepared & Analyzed: 11/16/16

% Moisture 4.0 0.1 % 5.0 22.2 20

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

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

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By: 

Date: 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.

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

Data Reported to:

TRRP report?		S=SOIL W=WATER A=AIR		P=PAINT SL=SLUDGE OT=OTHER		# of Containers		PRESERVATION		ANALYSES		FIELD NOTES	
Yes	No	Lab #	Date	Time	Matrix	HCl	HNO ₃	H ₂ SO ₄	NaOH	ICE	UNRESERVED		
TIME ZONE: Time zone/State:		Field Sample I.D.											
11/14/16		11/14/16		10:35	S					X			
S4				10:40									
W4				10:45									
B4				12:30									
W2				12:34									
E2				12:40									
N2				12:45									
DL-01-03 E4				08:50									
S4				08:53									
N4				08:55									
W4				08:59									
TOTAL													
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06	
RELINQUISHED BY: (Signature)		11/15/16 09:06		11/15/16 09:06		11/15/16 09:06							

**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

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 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'	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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.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 (o)	0.764	0.115	mg/kg dry	100	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		67.4 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		78.6 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	13.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		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	

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
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 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		74.6 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	8.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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		92.0 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		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	

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

DP-01-01-B18'

6K23001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

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	1	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	
Surrogate: 1,4-Difluorobenzene		94.7 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		145 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	380	26.6	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc	

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

DP-01-01-B20'

6K23001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00110	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
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	
Xylene (o)	ND	0.00110	mg/kg dry	1	P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.8 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P6K2406	11/23/16	11/24/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

% Moisture	9.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.5	mg/kg dry	1	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	1	P6K2402	11/23/16	11/23/16	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	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	102	27.5	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc	

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.

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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	9.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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		114 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		123 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc

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

DP-01-01-NE4'

6K23001-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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		106 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		116 %	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	calc

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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		111 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Surrogate: o-Terphenyl		123 %	70-130		P6K2402	11/23/16	11/23/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/23/16	11/23/16	calc

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

DP-01-01-NW4'

6K23001-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M
>C12-C28	108	26.9	mg/kg dry	1	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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	5.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.3	mg/kg dry	1	P6K2402	11/23/16	11/23/16	TPH 8015M
>C12-C28	501	26.3	mg/kg dry	1	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	Project Number: 16-0108-01	
Midland TX, 79710	Project Manager: Mark Larson	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	6.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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		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	calc	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	5.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.3	mg/kg dry	1	P6K2402	11/23/16	11/24/16	TPH 8015M	
>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: 1-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	

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

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

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	5.0	0.1	%	1	P6K2401	11/24/16	11/24/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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

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

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
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Batch P6K2406 - General Preparation (GC)

Blank (P6K2406-BLK1)

Prepared & Analyzed: 11/23/16

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0623		"	0.0600		104	75-125			
Surrogate: 1,4-Difluorobenzene	0.0571		"	0.0600		95.2	75-125			

LCS (P6K2406-BS1)

Prepared & Analyzed: 11/23/16

Benzene	0.0882	0.00100	mg/kg wet	0.100		88.2	70-130			
Toluene	0.0944	0.00200	"	0.100		94.4	70-130			
Ethylbenzene	0.113	0.00100	"	0.100		113	70-130			
Xylene (p/m)	0.197	0.00200	"	0.200		98.3	70-130			
Xylene (o)	0.0971	0.00100	"	0.100		97.1	70-130			
Surrogate: 1,4-Difluorobenzene	0.0583		"	0.0600		97.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.0646		"	0.0600		108	75-125			

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

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6K2401 - * DEFAULT PREP *****

Blank (P6K2401-BLK1)

Prepared & Analyzed: 11/24/16

% Moisture ND 0.1 %

Duplicate (P6K2401-DUP1)

Source: 6K22008-16

Prepared & Analyzed: 11/24/16

% Moisture 18.0 0.1 % 20.0 10.5 20

Duplicate (P6K2401-DUP2)

Source: 6K22010-05

Prepared & Analyzed: 11/24/16

% Moisture 2.0 0.1 % 3.0 40.0 20

Duplicate (P6K2401-DUP3)

Source: 6K22010-12

Prepared & Analyzed: 11/24/16

% Moisture 2.0 0.1 % 3.0 40.0 20

Duplicate (P6K2401-DUP4)

Source: 6K23001-12

Prepared & Analyzed: 11/24/16

% Moisture 5.0 0.1 % 5.0 0.00 20

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

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 P6K2403 - TX 1005										
Blank (P6K2403-BLK1)				Prepared & Analyzed: 11/23/16						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	132		"	110		120	70-130			
Surrogate: o-Terphenyl	69.2		"	55.0		126	70-130			
LCS (P6K2403-BS1)				Prepared & Analyzed: 11/23/16						
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125			
>C12-C28	1020	25.0	"	1000		102	75-125			
Surrogate: 1-Chlorooctane	114		"	100		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	"	1000		105	75-125	2.60	20	
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	48.2		"	50.0		96.5	70-130			
Matrix Spike (P6K2403-MS1)				Source: 6K22006-16	Prepared: 11/23/16 Analyzed: 11/24/16					
C6-C12	1230	28.4	mg/kg dry	1140	18.5	107	75-125			
>C12-C28	1220	28.4	"	1140	21.4	106	75-125			
Surrogate: 1-Chlorooctane	141		"	114		124	70-130			
Surrogate: o-Terphenyl	59.0		"	56.8		104	70-130			
Matrix Spike Dup (P6K2403-MSD1)				Source: 6K22006-16	Prepared: 11/23/16 Analyzed: 11/24/16					
C6-C12	1270	28.4	mg/kg dry	1140	18.5	110	75-125	3.22	20	
>C12-C28	1270	28.4	"	1140	21.4	109	75-125	3.50	20	
Surrogate: 1-Chlorooctane	144		"	114		126	70-130			
Surrogate: o-Terphenyl	64.8		"	56.8		114	70-130			

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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Page 17 of 19

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

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

Report Approved By:



Date:

11/24/2016

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, 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 ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-01-01 W8	6K30001-01	Soil	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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	9.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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: 1-Chlorooctane		90.4 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		97.1 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	773	27.5	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P6L0102	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		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 C6-C35	128	28.1	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

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

DP-01-01 W16

6K30001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	8.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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		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	1	[CALC]	11/30/16	12/01/16	calc

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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 N12
6K30001-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	42.9	28.1	mg/kg dry	1	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	1	[CALC]	11/30/16	11/30/16	calc	

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	14.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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	P6L0102	11/30/16	12/01/16	TPH 8015M	
Surrogate: 1-Chlorooctane		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 C6-C35	622	29.1	mg/kg dry	1	[CALC]	11/30/16	12/01/16	calc	

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Project: Nash Draw Battery #1 & #6
Project Number: 16-0108-01
Project Manager: Mark Larson

Fax: (432) 687-0456

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	9.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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	1	[CALC]	11/30/16	11/30/16	calc

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Midland TX, 79710

Project: Nash Draw Battery #1 & #6
Project Number: 16-0108-01
Project Manager: Mark Larson

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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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
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.8	mg/kg dry	1	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		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

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Midland TX, 79710

Project: Nash Draw Battery #1 & #6
Project Number: 16-0108-01
Project Manager: Mark Larson

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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	1	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		105 %	70-130		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. 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
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DP-01-01 B8
6K30001-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation	
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P6L0102	11/30/16	11/30/16	TPH 8015M	
>C12-C28	123	28.1	mg/kg dry	1	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		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	

Larson & Associates, Inc.
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Project Manager: Mark Larson

Fax: (432) 687-0456

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	13.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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	1	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 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M S-GC
Total Petroleum Hydrocarbon C6-C35	45.7	28.7	mg/kg dry	1	[CALC]	11/30/16	11/30/16	calc

Larson & Associates, Inc.
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Project: Nash Draw Battery #1 & #6
Project Number: 16-0108-01
Project Manager: Mark Larson

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	11.0	0.1	%	1	P6L0101	12/01/16	12/01/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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	1	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		117 %	70-130		P6L0102	11/30/16	11/30/16	TPH 8015M
Surrogate: o-Terphenyl		129 %	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.
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Project Manager: Mark Larson

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

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							

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
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	27.8	mg/kg dry	1	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		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

Larson & Associates, Inc.
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Project Manager: Mark Larson

Fax: (432) 687-0456

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6L0101 - * DEFAULT PREP *****

Blank (P6L0101-BLK1)

Prepared & Analyzed: 12/01/16

% Moisture ND 0.1 %

Duplicate (P6L0101-DUP1)

Source: 6K29015-01

Prepared & Analyzed: 12/01/16

% Moisture 7.0 0.1 % 9.0 25.0 20

Duplicate (P6L0101-DUP2)

Source: 6K30002-01

Prepared & Analyzed: 12/01/16

% Moisture 5.0 0.1 % 6.0 18.2 20

Duplicate (P6L0101-DUP3)

Source: 6K30004-07

Prepared & Analyzed: 12/01/16

% Moisture 9.0 0.1 % 9.0 0.00 20

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

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
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Batch P6L0102 - TX 1005

Blank (P6L0102-BLK1)

Prepared & Analyzed: 11/30/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	118		"	150		78.7	70-130			
Surrogate: o-Terphenyl	63.1		"	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	"	1000		117	75-125			
Surrogate: 1-Chlorooctane	147		"	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

C6-C12	1100	25.0	mg/kg wet	1000		110	75-125	5.88	20	
>C12-C28	1160	25.0	"	1000		116	75-125	1.21	20	
Surrogate: 1-Chlorooctane	263		"	300		87.7	70-130			
Surrogate: o-Terphenyl	128		"	150		85.1	70-130			

Matrix Spike (P6L0102-MS1)

Source: 6K30001-08

Prepared & Analyzed: 11/30/16

C6-C12	1100	27.8	mg/kg dry	1110	19.0	97.7	75-125			
>C12-C28	1190	27.8	"	1110	ND	107	75-125			
Surrogate: 1-Chlorooctane	164		"	167		98.5	70-130			
Surrogate: o-Terphenyl	77.3		"	83.3		92.7	70-130			

Matrix Spike Dup (P6L0102-MSD1)

Source: 6K30001-08

Prepared & Analyzed: 11/30/16

C6-C12	1110	27.8	mg/kg dry	1110	19.0	97.9	75-125	0.256	20	
>C12-C28	1200	27.8	"	1110	ND	108	75-125	0.553	20	
Surrogate: 1-Chlorooctane	171		"	167		102	70-130			
Surrogate: o-Terphenyl	76.4		"	83.3		91.7	70-130			

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.

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

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

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

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.

6/1/2001

CHAIN-OF-CUSTODY

PAGE 1 OF 1

DATE: Nov 30, 2016

507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

LA arson &
associates, Inc.
Environmental Consultants

LAB WORK ORDER #:

PO # _____ LAB WORK ORDER # _____

PROJECT LOCATION OR NAME: Nash new dilly
AI PROJECT #: 16-0108-01 COLLECTOR: JH/MZ

Data Reported to:

TRRP report?		S=SOIL W=WATER A=AIR		P=PAINT SL=SLUDGE OT=OTHER		# of Containers		PRESERVATION		ANALYSES		FIELD NOTES	
Yes	No	Lab #	Date	Time	Matrix	HCl	HNO ₃	H ₂ SO ₄ □ NaOH □	ICE	UNRESERVED	TRP 418.1 □ TPH 1006 □ DIESEL - MOD 8015 □ VOC 8260 □ 8081 PESTICIDES □ PAH 8270 □ HOLDRAH □ 8082 PCBs □ TCIP - METALS (ROA) □ 8151 HERBICIDES □ TCIP - PEST □ TOTAL METALS (ROA) □ SEMI-VOC □ RCI □ TOX □ D.W. 200.8 □ OTHER LIST □ PH □ HEXAVALENT CHROMIUM □ EXPLOSIVES □ PEROXIDE □ CHLORIDE □ AMMONIUM □ ALKALINITY □		
TIME ZONE: Mtn/wn		DP-01-01W8	11/29/16	12:23	12:01 S								
		W12		12:06									
		W16		12:10									
		N8		12:23									
		N12		12:30									
		N16		12:35									
		E8		12:40									
		E12		12:45									
		E16		13:12									
		bottom		13:30									
		S8		15:50									
		S12		15:53									
		S16		16:00									
TOTAL													
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
		11/30/16 08:20				11/30/16 08:20							
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
		11/30/16 08:20				11/30/16 08:20							
RELINQUISHED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)	
		11/30/16 08:20				11/30/16 08:20							

**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

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 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'	6L05001-04	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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

% Moisture	7.0	0.1	%	1	P6L0507	12/05/16	12/05/16	% calculation
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

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 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M
Surrogate: o-Terphenyl		78.5 %	70-130		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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	0.00173	0.00116	mg/kg dry	1	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		86.6 %	75-125		P6L0502	12/05/16	12/05/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.3 %	75-125		P6L0502	12/05/16	12/05/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

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-C35 by EPA Method 8015M

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	
>C28-C35	163	145	mg/kg dry	5	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chlorooctane		63.7 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		77.7 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1360	145	mg/kg dry	5	[CALC]	12/05/16	12/05/16	calc	

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

S-1, 8'
6L05001-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

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 8015M

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	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chlorooctane		72.8 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: o-Terphenyl		78.7 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	12/05/16	12/05/16	calc	

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00112	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	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	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6L0502	12/05/16	12/05/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.0 %	75-125		P6L0502	12/05/16	12/05/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	75-125		P6L0502	12/05/16	12/05/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

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-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C12-C28	141	28.1	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
>C28-C35	32.3	28.1	mg/kg dry	1	P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: 1-Chlorooctane		75.0 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: o-Terphenyl		82.1 %	70-130		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	

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

S-2, 8'
6L05001-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

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 C6-C35 by EPA Method 8015M

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-Chlorooctane		75.9 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	
Surrogate: o-Terphenyl		81.3 %	70-130		P6L0508	12/05/16	12/05/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	12/05/16	12/05/16	calc	

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

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
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Batch P6L0502 - General Preparation (GC)

Blank (P6L0502-BLK1)

Prepared & Analyzed: 12/05/16

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0600		"	0.0600		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.0593		"	0.0600		98.9	75-125			

LCS (P6L0502-BS1)

Prepared & Analyzed: 12/05/16

Benzene	0.0883	0.00100	mg/kg wet	0.100		88.3	70-130			
Toluene	0.0902	0.00200	"	0.100		90.2	70-130			
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130			
Xylene (p/m)	0.193	0.00200	"	0.200		96.3	70-130			
Xylene (o)	0.0949	0.00100	"	0.100		94.9	70-130			
Surrogate: 1,4-Difluorobenzene	0.0619		"	0.0600		103	75-125			
Surrogate: 4-Bromofluorobenzene	0.0658		"	0.0600		110	75-125			

LCS Dup (P6L0502-BSD1)

Prepared & 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	"	0.100		90.6	70-130	0.409	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130	1.93	20	
Xylene (p/m)	0.189	0.00200	"	0.200		94.5	70-130	1.85	20	
Xylene (o)	0.0933	0.00100	"	0.100		93.3	70-130	1.75	20	
Surrogate: 4-Bromofluorobenzene	0.0635		"	0.0600		106	75-125			
Surrogate: 1,4-Difluorobenzene	0.0609		"	0.0600		102	75-125			

Permian Basin Environmental Lab, L.P.

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

Page 8 of 12

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6L0506 - * DEFAULT PREP *****

Blank (P6L0506-BLK1)

Prepared & Analyzed: 12/05/16

Chloride ND 1.00 mg/kg wet

LCS (P6L0506-BS1)

Prepared & Analyzed: 12/05/16

Chloride 411 1.00 mg/kg wet 400 103 80-120

LCS Dup (P6L0506-BSD1)

Prepared & Analyzed: 12/05/16

Chloride 407 1.00 mg/kg wet 400 102 80-120 0.953 20

Duplicate (P6L0506-DUP1)

Source: 6L01001-20

Prepared & Analyzed: 12/05/16

Chloride ND 1.14 mg/kg dry ND 20

Duplicate (P6L0506-DUP2)

Source: 6L01001-30

Prepared & Analyzed: 12/05/16

Chloride ND 1.15 mg/kg dry ND 20

Matrix Spike (P6L0506-MS1)

Source: 6L01001-20

Prepared & Analyzed: 12/05/16

Chloride ND 1.14 mg/kg dry 1140 ND 80-120

Batch P6L0507 - * DEFAULT PREP *****

Blank (P6L0507-BLK1)

Prepared & Analyzed: 12/05/16

% Moisture ND 0.1 %

Duplicate (P6L0507-DUP1)

Source: 6L05002-01

Prepared & Analyzed: 12/05/16

% Moisture 16.0 0.1 % 16.0 0.00 20

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

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
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Batch P6L0508 - TX 1005

Blank (P6L0508-BLK1)

Prepared & Analyzed: 12/05/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	65.9		"	80.0		82.4	70-130			
Surrogate: o-Terphenyl	32.7		"	40.0		81.7	70-130			

LCS (P6L0508-BS1)

Prepared & Analyzed: 12/05/16

C6-C12	1130	25.0	mg/kg wet	1000		113	75-125			
>C12-C28	1110	25.0	"	1000		111	75-125			
Surrogate: 1-Chlorooctane	68.1		"	100		68.1	70-130			S-GC
Surrogate: o-Terphenyl	41.8		"	50.0		83.6	70-130			

LCS Dup (P6L0508-BSD1)

Prepared & Analyzed: 12/05/16

C6-C12	1020	25.0	mg/kg wet	1000		102	75-125	9.97	20	
>C12-C28	1070	25.0	"	1000		107	75-125	3.96	20	
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	40.6		"	50.0		81.1	70-130			

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

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

Report Approved By:



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.

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

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116196

1. PAGE ___ OF ___

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS

9. TOTAL

10. UNIT

11. TEXAS

N

a.

No.

Type

QUANTITY

Wt/Vol.

WASTE ID #

E

b.

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

T

O

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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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S

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L

Y

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116197**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO.

24-HOUR EMERGENCY NO.

T

O

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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

I

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

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Y

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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116198**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. | Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d. 4-2420 HAWD 44-420

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME Lea Land, LLC

SIGNATURE [Signature]

DATE

D

19.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

F

20.

COMMENTS

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WM-01-035 - New Mexico

S

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.

A

AUTHORIZED SIGNATURE [Signature]

CELL NO.

DATE

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116199

1. PAGE ___ OF ___

2. TRAILER NO. _____

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. | Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

T

O

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R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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PERMIT NO.

WM-01-035 - New Mexico

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ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116200

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS

9. TOTAL

10. UNIT

11. TEXAS

N

a.

No.

Type

QUANTITY

Wt/Vol.

WASTE ID #

E

b.

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

T

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

17.

TRANSPORTER (2)

NAME:

NAME:

TEXAS I.D. NO.

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

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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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

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

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

2. TRAILER NO.

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116315

1. PAGE ___ OF ___

2. TRAILER NO. 07

G

3. COMPANY NAME

PHONE NO.

4. ADDRESS

CITY

STATE

ZIP

5. PICK-UP DATE

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

T

O

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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

T

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME Lea Land, LLC

PRINTED/TYPED NAME _____

SIGNATURE [Signature] DATE _____

SIGNATURE _____ DATE _____

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

S

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.

I

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

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

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

2. TRAILER NO.

DISPOLITY

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116328**

1. PAGE OF

2. TRAILER NO. 513

G E N E R A T O R	3. COMPANY NAME		4. ADDRESS		5. PICK-UP DATE	
	PHONE NO.		CITY STATE ZIP		6. TNRC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
					10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
A T R A N S P O R T E R S	a.					
	b.					
	c.					
	d. <u>31.4 LRD 34.360</u>					
D I S P O S I T A L Y	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE PROFILE NO.	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME PHONE NO. 24-HOUR EMERGENCY NO.					
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
T R A N S P O R T E R S	PRINTED/TYPED NAME		SIGNATURE		DATE	
	16. TRANSPORTER (1)		17. TRANSPORTER (2)			
	NAME:		NAME:			
	TEXAS I.D. NO.		TEXAS I.D. NO.			
D I S P O S I T A L Y	IN CASE OF EMERGENCY CONTACT:		IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE:		EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME		PRINTED/TYPED NAME			
D I S P O S I T A L Y	SIGNATURE		SIGNATURE		DATE	
	DATE		DATE			
	Lea Land, LLC		ADDRESS:		PHONE:	
	PERMIT NO. WM-01-035 - New Mexico		Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		575-887-4048	
D I S P O S I T A L Y	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	
	TIME					

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116329**

1. PAGE OF

2. TRAILER NO. **320**

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d. **58'180 39,060**

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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S

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A

T

PERMIT NO.

WM-01-035 - New Mexico

ADDRESS:

**Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM**

PHONE:

575-887-4048

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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116330**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

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R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

R

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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A

L

PERMIT NO.

WM-01-035 - New Mexico

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116331**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. | Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d. **40480**

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO.

24-HOUR EMERGENCY NO.

T

O

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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

N

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18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME Lea Land, LLC

SIGNATURE [Signature] DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE DATE

D
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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

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

TIME

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116349**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. | Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

E

b.

R

c.

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

17.

TRANSPORTER (2)

NAME:

NAME:

TEXAS I.D. NO.

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

I

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

S

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.

L

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116350

1. PAGE ___ OF ___

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

E

b.

R

c.

A

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

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

TIME

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

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NO 116366

1. PAGE ___ OF ___

2. TRAILER NO.

DISPOSAL FACILITY

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116367**

1. PAGE OF

2. TRAILER NO. **0006**

G E N E R A T O R	3. COMPANY NAME		4. ADDRESS		5. PICK-UP DATE			
	PHONE NO.		CITY	STATE	ZIP	6. TNRCC I.D. NO.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a.							
	b.							
	c.							
	d. 43,360 40' 180 4540							
A T O R	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE PROFILE NO.		
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT							
	NAME		PHONE NO.		24-HOUR EMERGENCY NO.			
O R T R A N S P O R T E R S	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, LLC							
	PRINTED/TYPED NAME				SIGNATURE		DATE	
T R A N S P O R T E R S	16. TRANSPORTER (1)				17. TRANSPORTER (2)			
	NAME:				NAME:			
	TEXAS I.D. NO.				TEXAS I.D. NO.			
	IN CASE OF EMERGENCY CONTACT:				IN CASE OF EMERGENCY CONTACT:			
	EMERGENCY PHONE:				EMERGENCY PHONE:			
	18. TRANSPORTER (1): Acknowledgment of receipt of material				19. TRANSPORTER (2): Acknowledgment of receipt of material			
	PRINTED/TYPED NAME				PRINTED/TYPED NAME			
	SIGNATURE				SIGNATURE			
	DATE				DATE			
D I S C O L S I A T O R Y	Lea Land, LLC		ADDRESS:			PHONE:		
			Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			575-887-4048		
	PERMIT NO.		20. COMMENTS					
	WM-01-035 - New Mexico							
	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		TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116376**

1. PAGE OF

2. TRAILER NO. **012**

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d. **45,000**

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. TRANSPORTER (1): Acknowledgment of receipt of material

PRINTED/TYPED NAME Travis Garcia

SIGNATURE Travis Garcia

DATE 11/12/08

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

S

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.

I

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO 116377

1. PAGE ___ OF ___

2. TRAILER NO. 11806

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO.

24-HOUR EMERGENCY NO.

T

O

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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

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

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116393

1. PAGE ___ OF ___

2. TRAILER NO. 10

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS

No.

Type

9. TOTAL

QUANTITY

10. UNIT

Wt/Vol.

11. TEXAS

WASTE ID #

N

a.

E

b.

R

c.

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

17.

TRANSPORTER (2)

NAME:

NAME:

TEXAS I.D. NO.

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

SIGNATURE

DATE

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Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

PERMIT NO.

WM-01-035 - New Mexico

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

TIME

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116384

1. PAGE OF

2. TRAILER NO.

G E N E R A T O R	3. COMPANY NAME		4. ADDRESS			5. PICK-UP DATE					
	PHONE NO.		CITY		STATE	ZIP	6. TNRCC I.D. NO.				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:					8. CONTAINERS		9. TOTAL	10. UNIT	11. TEXAS	
						No. Type		QUANTITY	Wt/Vol	WASTE ID #	
T R A N S P O R T E R S	a.										
	b.										
	c.										
	d.										
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WASTE PROFILE NO.				
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT										
D I S P O S I T I O N	NAME		PHONE NO.				24-HOUR EMERGENCY NO.				
	15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC										
D I S P O S I T I O N	PRINTED/TYPED NAME					SIGNATURE					DATE
D I S P O S I T I O N	16. TRANSPORTER (1)					17. TRANSPORTER (2)					
	NAME:					NAME:					
	TEXAS I.D. NO.					TEXAS I.D. NO.					
	IN CASE OF EMERGENCY CONTACT:					IN CASE OF EMERGENCY CONTACT:					
D I S P O S I T I O N	EMERGENCY PHONE:					EMERGENCY PHONE:					
	18. TRANSPORTER (1): Acknowledgment of receipt of material					19. TRANSPORTER (2): Acknowledgment of receipt of material					
D I S P O S I T I O N	PRINTED/TYPED NAME					PRINTED/TYPED NAME					
	SIGNATURE					SIGNATURE					
D I S P O S I T I O N	DATE					DATE					
D I S P O S I T I O N	Lea Land, LLC				ADDRESS:			PHONE:			
					Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM			575-887-4048			
D I S P O S I T I O N	PERMIT NO.				20. COMMENTS						
	WM-01-035 - New Mexico										
D I S P O S I T I O N	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		TIME	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS, COPIES 4 & 5

COPY 4

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

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NO 116385

1. PAGE OF

2. TRAILER NO.

DISPOLITY

TRANSPORTERS: COPIES 4 & 5

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116389**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

T

O

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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

I

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.

S

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

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Y

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116394

1. PAGE ___ OF ___

2. TRAILER NO. 006

G

3. COMPANY NAME

PHONE NO.

4. ADDRESS

CITY

STATE

ZIP

5. PICK-UP DATE

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

E

b.

R

c.

d.

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

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 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, LLC

R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

S

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

S

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.

I

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO **116395**

1. PAGE OF

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS

9. TOTAL

10. UNIT

11. TEXAS

No.

Type

QUANTITY

Wt/Vol.

WASTE ID #

N

a.

E

b. **43560**

R

c.

d. **41360 41340 47120**

A

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

T

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO.

24-HOUR EMERGENCY NO.

O

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R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16. **TRANSPORTER (1)**

17. **TRANSPORTER (2)**

NAME:

NAME:

TEXAS I.D. NO.

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

EMERGENCY PHONE:

R

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

S

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.

A

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116406

1. PAGE ___ OF ___

2. TRAILER NO. 30

G E N E R A T O R	3. COMPANY NAME		4. ADDRESS		5. PICK-UP DATE	
	PHONE NO.		CITY STATE ZIP		6. TNRCC I.D. NO.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS No. Type	9. TOTAL QUANTITY
	a.					
N E E R A T O R	b.					
	c.					
	d. 45040					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE PROFILE NO.	
T R A N S P O R T E R S	14. IN CASE OF EMERGENCY OR SPILL, CONTACT					
	NAME		PHONE NO		24-HOUR EMERGENCY NO.	
O F F I C E	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, LLC					
	PRINTED/TYPED NAME			SIGNATURE		DATE
T R A N S P O R T E R S	16. TRANSPORTER (1)			17. TRANSPORTER (2)		
	NAME:			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMERGENCY CONTACT:		
D I S P O S I T O R Y	EMERGENCY PHONE:			EMERGENCY PHONE:		
	18. TRANSPORTER (1): Acknowledgment of receipt of material			19. TRANSPORTER (2): Acknowledgment of receipt of material		
	PRINTED/TYPED NAME			PRINTED/TYPED NAME		
	SIGNATURE DATE			SIGNATURE DATE		
D I S P O S I T O R Y	Lea Land, LLC		ADDRESS:		PHONE:	
			Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		575-887-4048	
	PERMIT NO.		20. COMMENTS			
	WM-01-035 - New Mexico					
D I S P O S I T O R Y	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	TIME	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

LEA LAND DISPOSAL SITE NEW MEXICO

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

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST

NO

116418

1. PAGE ___ OF ___

2. TRAILER NO.

G

3. COMPANY NAME

4. ADDRESS

5. PICK-UP DATE

PHONE NO.

CITY

STATE

ZIP

6. TNRCC I.D. NO.

E

7. NAME OR DESCRIPTION OF WASTE SHIPPED:

8. CONTAINERS
No. Type

9. TOTAL
QUANTITY

10. UNIT
Wt/Vol.

11. TEXAS
WASTE ID #

N

a.

b.

E

c.

R

d.

12. COMMENTS OR SPECIAL INSTRUCTIONS:

13. WASTE PROFILE NO.

A

14.

IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME

PHONE NO

24-HOUR EMERGENCY NO.

T

O

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R

PRINTED/TYPED NAME

SIGNATURE

DATE

T

16.

TRANSPORTER (1)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

R

17.

TRANSPORTER (2)

NAME:

TEXAS I.D. NO.

IN CASE OF EMERGENCY CONTACT:

EMERGENCY PHONE:

A

18. **TRANSPORTER (1):** Acknowledgment of receipt of material

19. **TRANSPORTER (2):** Acknowledgment of receipt of material

PRINTED/TYPED NAME

PRINTED/TYPED NAME

SIGNATURE

DATE

SIGNATURE

DATE

D

Lea Land, LLC

ADDRESS:

Mile Marker 64, U.S. Hwy 62/180,
30 Miles East of Carlsbad, NM

PHONE:

575-887-4048

F

PERMIT NO.

WM-01-035 - New Mexico

20. COMMENTS

I

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.

S

AUTHORIZED SIGNATURE

CELL NO.

DATE

TIME

A

T

L

Y

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 4

APPENDIX E

Initial and Final C-141

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 07 2016

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

NAB1025335026

Name of Company: XTO Energy, Inc. 5380		OPERATOR	<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Address: 500 W. Illinois Ave., Suite 100, Midland, TX 70701		Contact: Dudley McMinn	Telephone No.: (432) 682-8873	
Facility Name: Nash Draw Unit Battery #1 & #6		Facility Type: Tank Battery (Equipment Removed)		
Surface Owner: Federal		Mineral Owner: Federal	API No. 30-015-21277	

LOCATION OF RELEASE

Unit Letter H	Section 13	Township 23S	Range 29E	Feet from the 1980	North/South Line North	Feet from the 660	East/West Line East	County: Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	----------------------	------------------------	--------------

Latitude 32.307778 Longitude -103.932222

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Spills	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 07-20-2016
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

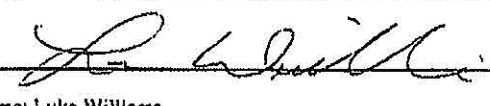
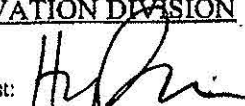
If a Watercourse was Impacted, Describe Fully.*

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 certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Luke Williams		Approved by Environmental Specialist: 	
Title: EH&S Coordinator		Approval Date: <u>8/8/16</u>	Expiration Date: <u>NIA</u>
E-mail Address: Luke.Williams@xtoenergy.com		Conditions of Approval: <input checked="" type="checkbox"/> Remediation per O.C.D. Rules & Guidelines <input type="checkbox"/> SUBMIT REMEDIATION PROPOSAL NO	
Date: 09-07-2016 Phone: (432) 683-8873		LATER THAN: <u>10/19/16</u>	

* Attach Additional Sheets If Necessary

22P-3877

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ 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 Type: Tank Battery (Equipment Removed)	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-21277

LOCATION OF RELEASE

Unit Letter H	Section 13	Township 23S	Range 29E	Feet from the 1980	North/South Line North	Feet from the 660	East/West Line East	County: Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	----------------------	------------------------	--------------

Latitude 32.307778 Longitude -103.932222

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Spills	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 07-20-2016
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

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. Remediation plans were approved by the OCD District 2 on November 10, 2016 and December 6, 2016 for additional contamination observed during remediation north of location DP-01-04.

Describe Area Affected and Cleanup Action Taken.* Soil was excavated to a maximum depth of 16 feet at DP-01-01 over an area measuring approximately 35 x 45 feet. The excavation backfilled with caliche to 4 feet where a 20-mil thickness polyethylene liner was installed. The remainder of the excavation above the liner was backfilled with top soil and seeded with BLM No. 2 mix. Location DP-01-03 excavated to 8 feet over area measuring about 30 x 30 feet and backfilled with caliche. Location DP-01-04 excavated to 1 foot over area measuring about 20 x 20 feet and backfilled with caliche. An area of hydrocarbon staining was discovered north of DP-01-04 was excavated between 6 and 7 feet bgs. Excavation was backfilled with caliche to about 3 feet where 20 mil thickness liner was installed per OCD approval on December 6, 2016. Excavation above liner was filled with caliche to ground surface. Laboratory results confirmed BTEX and TPH below RRAL in all confirmation samples. Site was graded for drainage. Approximately 1,380 cubic yards of contaminated soil was disposed at Lea Land Landfill, LLC.

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

OIL CONSERVATION DIVISION

Signature:

Printed Name: Luke Williams

Title: EH&S Coordinator

E-mail Address: Luke.Williams@xtoenergy.com

Date: 03-21-2017

Phone: (432) 683-8873

Approved by Environmental Specialist: *Bradford Billings*

Approval Date: 11/19/2019

Expiration Date:

Conditions of Approval:

Attached ☐