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Closure Report

Sweetness 30 St Fed Com 1H
Lea County, New Mexico
API ID # 30-025-41864
Incident # nAPP2229945497

Prepared For:

LMH Environmental, Inc.
PO Box 1164
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Prepared By:

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408 W. Texas Avenue
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June 1, 2023

**NMOCD**

506 W. Texas Ave
Artesia, NM 88210

Subject: **Closure Report**
Sweetness 30 St Fed Com 1H
Lea County, New Mexico
API ID # 30-025-41864
Incident # nAPP2229945497

To Whom It May Concern,

Talon/LPE (Talon) has been contracted to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remedial actions, and closure request are presented herein.

Site Information

The Sweetness 30 St Fed Com 1H is located approximately 17 miles northwest of Jal, New Mexico. The legal location for this release is Unit Letter G, Section 30, Township 23 South and Range 35 East in Lea County, New Mexico. The latitude and longitude for the release are 32.27835 and -103.40425. Site maps are presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is comprised of Simona fine sandy loam, 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region. Drainage courses in this area are typically well drained.

Groundwater and Site Characterization

Based on the New Mexico Office of the State Engineer Database, the nearest reported groundwater depth is 320 feet below ground surface (bgs) but is located greater than 0.5 miles from the subject site. The FEMA Flood Map Service Center does not locate the site in a 100-year flood plain. Further research of the Bureau of Land Management Karst data indicates that this site is situated within a low potential Karst area. See [Appendix II](#) for the site characterization data.

Approximate Depth to Groundwater 320 feet bgs

- Yes No Within 300 feet of any continuously flowing watercourse or any other significant watercourse
- Yes No Within 200 feet of any lakebed, sinkhole or a playa lake
- Yes No Within 300 feet from an occupied permanent residence, school, hospital, institution or church
- Yes No Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
- Yes No Within 1000 feet of any freshwater well or spring
- Yes No Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
- Yes No Within 300 feet of a wetland
- Yes No Within the area overlying a subsurface mine
- Yes No Within an unstable area
- Yes No Within a 100-year floodplain

With no depth to water source available that meets New Mexico Oil Conservation Division's (NMOCD) criteria within 1/2 mile of the site, the responsible party must therefore adhere to the cleanup criteria for this site of groundwater less than 50 feet bgs, Table I, NMOCD Rule 19.15.29 NMAC.

Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On October, 25, 2022, approximately 50 barrels (bbls) of crude oil were discharged onto the well pad due to human error while driver unloading from LAC unit. The release was reported to the NMOCD and was assigned incident # nAPP2229945497.

Site maps of the release are presented in [Appendix I](#). Initial C-141 spill notifications were filed with the NMOCD and are attached in [Appendix III](#).

Site Assessment Activities

On October 26, 2022, Talon was mobilized to contain and assess the release. The spill area was mapped with a global navigation satellite system (GNSS) and photographed with a drone. After all lines were marked with an emergency one-call Talon personnel began initial remediation.

From October 31, 2022, to November 4, 2022, a roustabout crew supervised by Talon personnel was utilized to hand dig the top 6 inches within the fenced area of the battery and along all marked electrical and flow lines.

On November 4, 2022, four (4) test trenches were excavated and sampled to achieve vertical delineation of the spill. Samples S-1 through S-3 were taken on the pad with sample S-4 taken in the pasture. All soil samples were placed in laboratory provided glassware and maintained on ice in the custody of Talon personnel. The samples were transported with the chain of custody to Cardinal Laboratories, for analysis of Total Chlorides (Method SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B). The analytical results of these samples are presented below in Table I. A Site Assessment map is presented in [Appendix I](#).

Table I
Test Trench Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1	11/4/2022	0.5-1'	ND	ND	ND	343.0	72.6	415.6	96.0
	11/4/2022	2'	ND	ND	ND	119.0	28.6	147.6	48.0
	11/4/2022	4'	ND	ND	ND	ND	ND	-	32.0
S-2	11/4/2022	0.5-1'	ND	ND	ND	ND	ND	-	3520.0
	11/4/2022	2'	ND	ND	ND	ND	ND	-	1150.0
	11/4/2022	4'	ND	ND	ND	ND	ND	-	80.0
S-3	11/4/2022	0.5-1'	ND	ND	ND	ND	ND	-	384.0
	11/4/2022	2'	ND	ND	ND	ND	ND	-	96.0
	11/4/2022	4'	ND	ND	ND	ND	ND	-	48.0
S-4	11/4/2022	0-1'	1.22	ND	ND	42.9	ND	42.9	64.0
	11/4/2022	2'	3.85	ND	74.8	578.0	98.1	750.9	16.0
	11/4/2022	3'	ND	ND	ND	10.7	ND	10.7	80.0
	11/4/2022	4'	ND	ND	ND	ND	ND	-	80.0
	11/4/2022	6'	ND	ND	ND	ND	ND	-	64.0
BG-1	11/4/2022	0'	ND	ND	ND	ND	ND	-	48.0

ND = Analyte Not Detected BG = Background Sample

Remedial Actions

On February 6, 2023, Talon personnel began excavation of the impacted area to depths of up to three (3) feet bgs. A roustabout crew was utilized for excavation within the fenced area of the battery and along all utility lines pursuant to Devon Energy safety protocol.

On February 9, 2023, alongside ongoing excavation, composite samples were collected for laboratory analysis from the bottom portions of the excavation. All samples were transported along with the chain of custody to Cardinal Laboratories, for analysis of Total Chlorides (Method SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B).

On March 2, 2023, Talon returned to expand the excavated areas that exceeded the Table 1 standards and continue with further excavation of impacted areas. Composite samples were collected on March 9, 2023. These samples were transported to Cardinal Laboratories, for analysis of Total Chlorides (Method SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B).

On March 29, 2023, composite samples were collected from the bottom and sidewalls of the excavation. These samples were taken to Cardinal Laboratories, for analysis of Total Chlorides (Method SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B).

On April 25, 2023, based upon analytical results, Talon deepened the excavation areas of composite samples C-37 to C-45 and collected representative samples for laboratory analysis. These samples were analyzed for Total Chlorides (Method SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B).

The soil sample results from the laboratory analytical program are summarized in the following data table. Sample locations are illustrated on the Confirmation Sample Map ([Appendix I](#)) and complete laboratory analytical reports are presented in [Appendix V](#).

Table II
Site Closure Analytical Data

Sweetness 30									
Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			10 mg/kg	50 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
C-1	2/9/2023	6"	ND	ND	ND	11.7	ND	11.7	480.0
C-2	2/9/2023	6"	ND	ND	ND	91.7	109.0	200.7	400.0
	3/29/2023	1'	ND	ND	ND	ND	ND	-	128.0
C-3	2/9/2023	6"	ND	ND	ND	300.0	69.0	369.0	304.0
	3/9/2023	1'	ND	ND	ND	ND	ND	-	400.0
C-4	2/9/2023	6"	ND	ND	ND	ND	ND	-	304.0
C-5	2/9/2023	6"	ND	ND	ND	160.0	167.0	327.0	464.0
	3/9/2023	1'	ND	ND	ND	ND	ND	-	544.0
C-6	2/9/2023	6"	ND	ND	ND	138.0	90.3	228.3	512.0
	3/9/2023	1'	ND	ND	ND	ND	ND	-	240.0
C-7	2/9/2023	3'	ND	ND	ND	22.1	ND	22.1	256.0
C-8	2/9/2023	3'	ND	ND	ND	137.0	22.6	159.6	560.0
	3/9/2023	4'	ND	ND	ND	ND	ND	-	608.0
	3/29/2023	4.5'	ND	ND	ND	ND	ND	-	128.0
C-9	2/9/2023	3'	ND	ND	ND	181.0	27.4	208.4	640.0
	3/29/2023	4'	ND	ND	ND	ND	ND	-	128.0
C-10	2/9/2023	6"	ND	ND	ND	30.9	ND	30.9	928.0
	3/9/2023	3'	ND	ND	ND	ND	ND	-	160.0
C-11	2/9/2023	6"	ND	ND	ND	87.8	20.1	107.9	512.0
	3/9/2023	2'	ND	ND	ND	ND	ND	-	112.0
C-12	2/9/2023	6"	ND	ND	ND	ND	ND	-	240.0
C-13	2/9/2023	6"	ND	ND	ND	ND	ND	-	256.0
C-14	2/9/2023	6"	ND	ND	ND	20.2	ND	20.2	256.0
C-15	2/9/2023	6"	ND	ND	ND	ND	ND	-	480.0
C-16	3/9/2023	6"	ND	ND	ND	25.6	13.0	38.6	496.0
C-17	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
C-18	3/9/2023	6"	ND	ND	ND	ND	ND	-	288.0
C-19	3/9/2023	3'	ND	ND	ND	852.0	163.0	1015.0	192.0
	3/29/2023	5'	ND	ND	ND	ND	ND	-	112.0
C-20	3/29/2023	4'	ND	ND	ND	ND	ND	-	112.0
C-21	3/29/2023	4'	ND	ND	ND	ND	ND	-	112.0
C-22	2/9/2023	4'	ND	ND	ND	ND	ND	-	432.0
C-23	3/29/2023	3'	ND	ND	ND	ND	ND	-	112.0

Table II (Continued)
Site Closure Analytical Data

Sweetness 30									
Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			10 mg/kg	50 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
C-24	3/9/2023	3'	ND	ND	ND	ND	ND	-	304.0
C-25	3/9/2023	3'	ND	ND	ND	ND	ND	-	320.0
C-26	3/9/2023	3'	ND	ND	ND	ND	ND	-	192.0
C-27	3/9/2023	2'	ND	ND	ND	ND	ND	-	160.0
C-28	3/9/2023	1'	ND	ND	ND	ND	ND	-	304.0
C-29	3/9/2023	1'	ND	ND	ND	ND	ND	-	32.0
C-30	3/9/2023	1'	ND	ND	ND	ND	ND	-	96.0
C-31	3/29/2023	3'	ND	ND	ND	ND	ND	-	96.0
C-32	3/29/2023	3'	ND	ND	ND	ND	ND	-	112.0
C-33	3/29/2023	3'	ND	ND	ND	ND	ND	-	96.0
C-34	3/29/2023	3'	ND	ND	ND	ND	ND	-	112.0
C-35	3/29/2023	6"	ND	ND	ND	ND	ND	-	144.0
C-36	3/29/2023	6"	ND	ND	ND	ND	ND	-	112.0
C-37	3/29/2023	6"	ND	ND	ND	174.0	40.8	214.8	112.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	128.0
C-38	3/29/2023	6"	ND	ND	ND	168.0	45.3	213.3	128.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	80.0
C-39	3/29/2023	6"	ND	ND	ND	178.0	46.4	224.4	112.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	96.0
C-40	3/29/2023	6"	ND	ND	ND	189.0	51.7	240.7	128.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	96.0
C-41	3/29/2023	6"	ND	ND	ND	150.0	34.0	184.0	96.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	112.0
C-42	3/29/2023	6"	ND	ND	ND	213.0	58.3	271.3	144.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	128.0
C-43	3/29/2023	6"	ND	ND	ND	190.0	49.7	239.7	128.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	112.0
C-44	3/29/2023	6"	ND	ND	ND	185.0	48.5	233.5	112.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	112.0
C-45	3/29/2023	6"	ND	ND	ND	141.0	28.6	169.6	160.0
	4/25/2023	1'	ND	ND	ND	ND	ND	-	128.0
C-46	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
C-47	3/29/2023	6"	ND	ND	ND	ND	ND	-	160.0
C-48	3/29/2023	6"	ND	ND	ND	ND	ND	-	160.0
C-49	3/29/2023	6"	ND	ND	ND	ND	ND	-	160.0
C-50	3/29/2023	6"	ND	ND	ND	ND	ND	-	144.0

Table II (Continued)
Site Closure Analytical Data

Sweetness 30									
Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			10 mg/kg	50 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
NSW-1	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
NSW-2	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
NSW-3	3/9/2023	3'	ND	ND	ND	ND	ND	-	96.0
NSW-4	3/9/2023	3'	ND	ND	ND	ND	ND	-	304.0
NSW-5	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
NWSW-1	3/29/2023	6"	ND	ND	ND	ND	ND	-	144.0
WSW-1	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
WSW-2	3/29/2023	3'	ND	ND	ND	ND	ND	-	112.0
WSW-3	3/29/2023	3'	ND	ND	ND	ND	ND	-	80.0
WSW-4	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
WSW-5	3/29/2023	4'	ND	ND	ND	ND	ND	-	144.0
SSW-1	3/29/2023	6"	ND	ND	ND	ND	ND	-	128.0
SSW-2	3/29/2023	6"	ND	ND	ND	ND	ND	-	112.0
ESW-1	3/9/2023	1'	ND	ND	ND	ND	ND	-	944.0
	3/29/2023	1'	ND	ND	ND	ND	ND	-	112.0
ESW-2	3/9/2023	6"	ND	ND	ND	ND	ND	-	144.0
ESW-3	3/9/2023	3'	ND	ND	ND	ND	ND	-	80.0
ESW-4	3/9/2023	3'	ND	ND	ND	ND	ND	-	80.0

NOTES:

- BGS** Below ground surface
- mg/kg** Milligrams per kilogram
- TPH** Total Petroleum Hydrocarbons
- GRO** Gasoline range organics
- DRO** Diesel range organics
- MRO** Motor oil range organics
- C** Confirmation Sample
- SW** Sidewall Sample
- ND** Analyte Not Detected

Highlighted cells indicate exceedance of NMOCD Table 1 Closure Criteria

Remedial Action Summary

- The impacted areas on location were excavated to depth of one (1) to five (5) feet bgs.
- Pursuant to NMOCD guidance, confirmation soil samples were collected at 200 square foot intervals and analyzed for TPH, BTEX and Total Chlorides to insure all remediated areas reached NMOCD closure criteria.
- The excavated areas on the well pad were backfilled with new caliche, machine compacted, and contoured to match the surrounding location.
- The excavated areas in the pasture were backfilled with locally obtained topsoil.
- Photographic documentation is provided in [Appendix IV](#).
- Copies of the Final C-141s and NMOCD correspondence are presented in [Appendix III](#).

Closure Request

Based upon the completed remedial actions and confirmation sample analytical results all below NMOCD closure criteria for soils impacted by a release; we respectfully request that no further actions be required and that closure of this incident be granted.

Respectfully submitted,

Talon/LPE

Matthew Gomez
Project Manager

David J. Adkins
Regional Manager

Attachments:

- Appendix I Site Maps
- Appendix II Groundwater Data, Soil Survey, FEMA Flood Map
- Appendix III C-141 Forms and NMOCD Correspondence
- Appendix IV Photographic Documentation
- Appendix V Laboratory Reports



Appendix I

Site Maps



Image Source: Google EarthPro



Drafted: 5/4/2023

1 in = 100 ft

Drafted By: IJR

Sweetness 30 State Fed Com #001H

nAPP222994597

Lea County, NM

Assessment Map



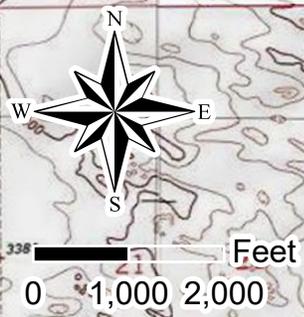
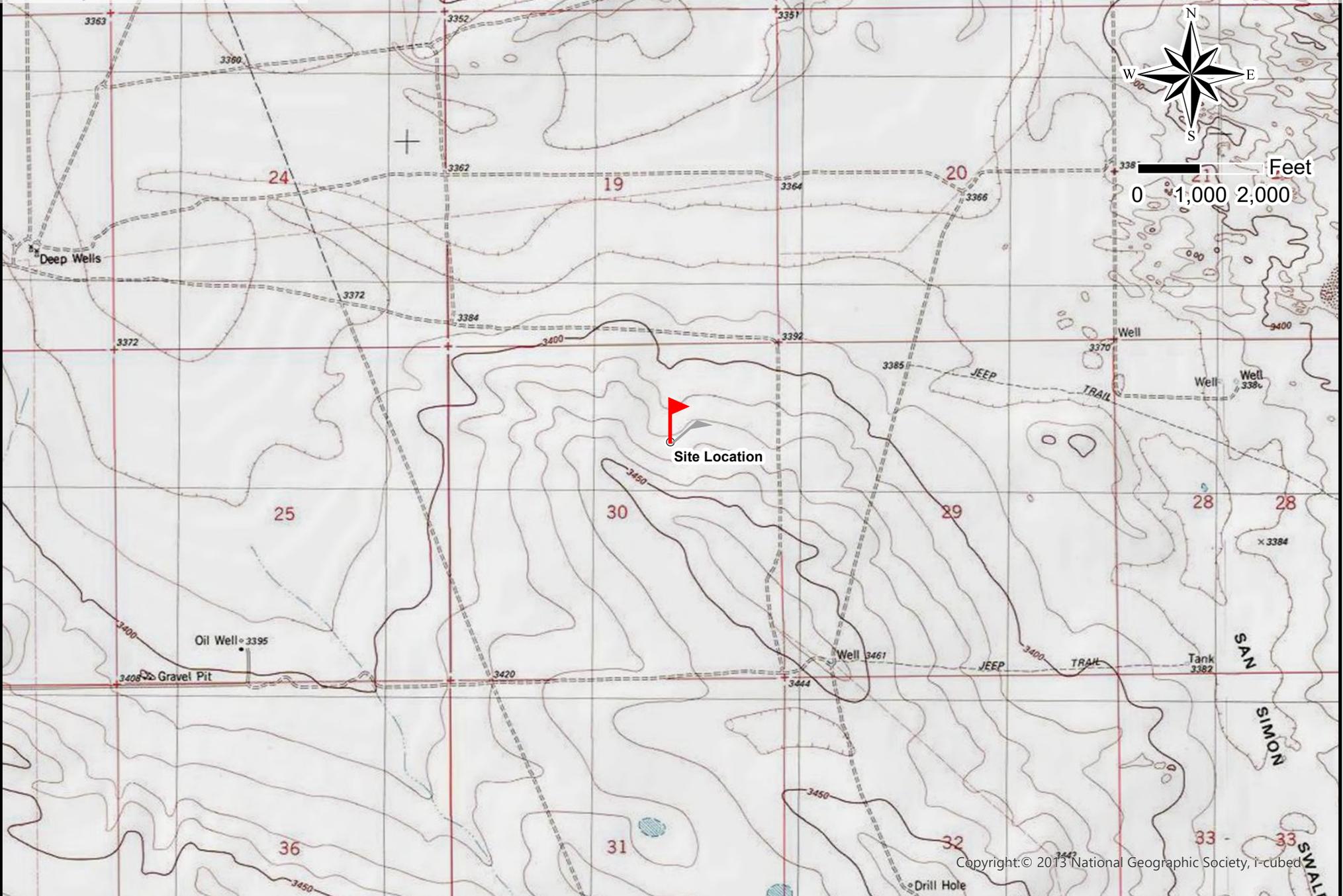
Image Source: Google EarthPro

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Drafted: 5/4/2023
 1 in = 50 ft
 Drafted By: IJR

Sweetness 30 State Fed Com #001H
 nAPP222994597
 Lea County, NM
 Confirmation Sample Map



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Drafted: 5/4/2023
 1 in = 2,000 ft
 Drafted By: IJR

Sweetness 30 State Fed Com #001H
 nAPP222994597
 Lea County, NM
 Topographic Map

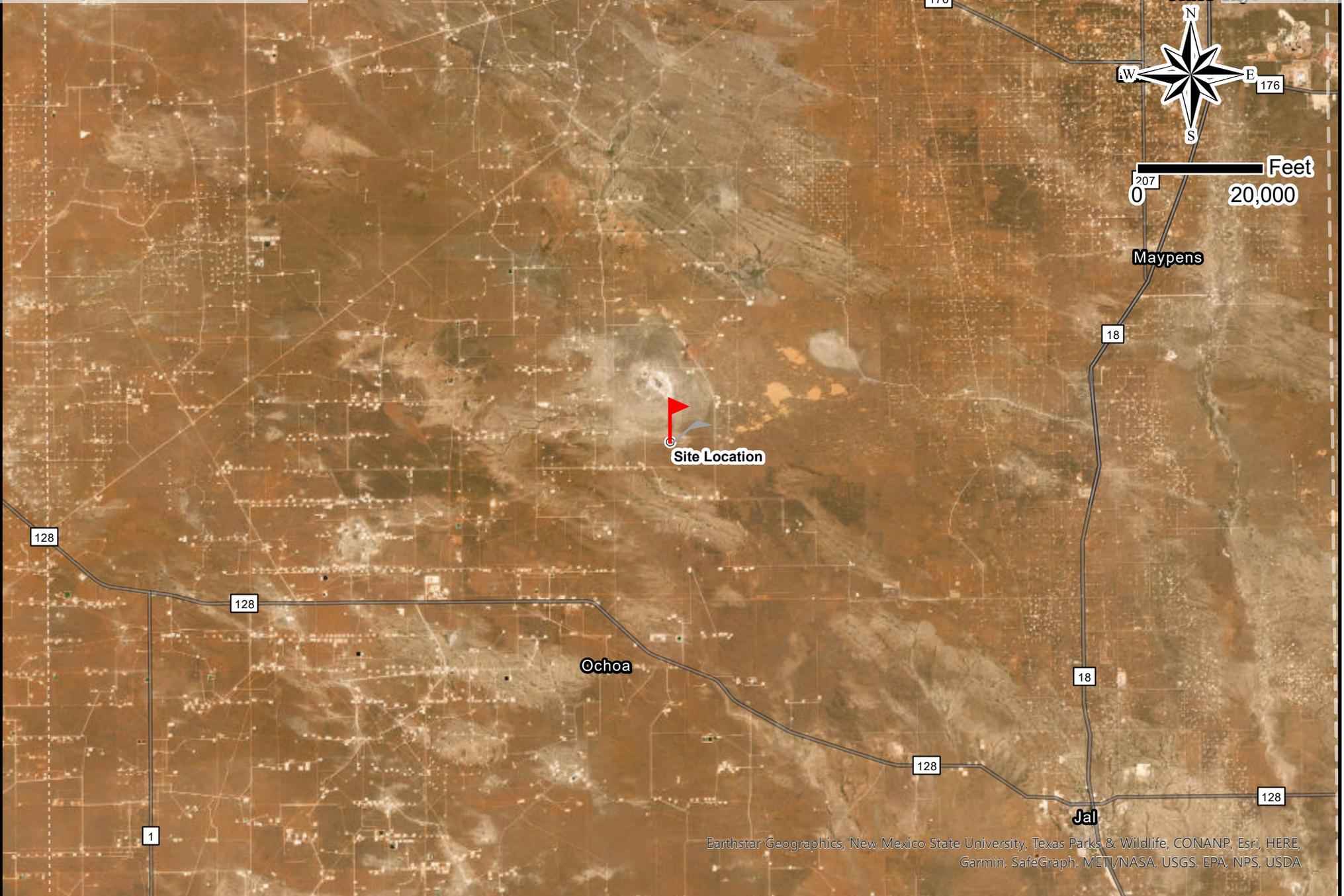


Image Source: Google EarthPro



Drafted: 5/4/2023
 1 in = 100 ft
 Drafted By: IJR

Sweetness 30 State Fed Com #001H
 nAPP222994597
 Lea County, NM
 Karst Map



Earthstar Geographics, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA



Drafted: 5/4/2023
 1 in = 20,000 ft
 Drafted By: IJR

Sweetness 30 State Fed Com #001H
 nAPP222994597
 Lea County, NM
 Location Map



Appendix II

Groundwater Data, Soil Survey, FEMA Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 6	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00614 POD2	CP	LE	4	3	3	29	23S	35E	651102	3571401		1286	440	320	120
CP 01099 POD3	CP	LE	1	1	1	28	23S	35E	652478	3572932		2255	930	725	205
CP 01830 POD1	CP	LE	3	3	3	18	23S	35E	649289	3574568		2389	460	270	190
CP 01099 POD2	CP	LE	3	3	3	21	23S	35E	652968	3572750		2704	750	120	630
CP 01100 POD3	CP	LE	3	2	1	28	23S	35E	652987	3572726		2720	950	730	220
CP 01100 POD2	CP	LE	2	1	28	23S	35E	652995	3572726		2728	750	125	625	

Average Depth to Water: **381 feet**
 Minimum Depth: **120 feet**
 Maximum Depth: **730 feet**

Record Count: 6

UTM NAD83 Radius Search (in meters):

Easting (X): 650287

Northing (Y): 3572397

Radius: 3000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

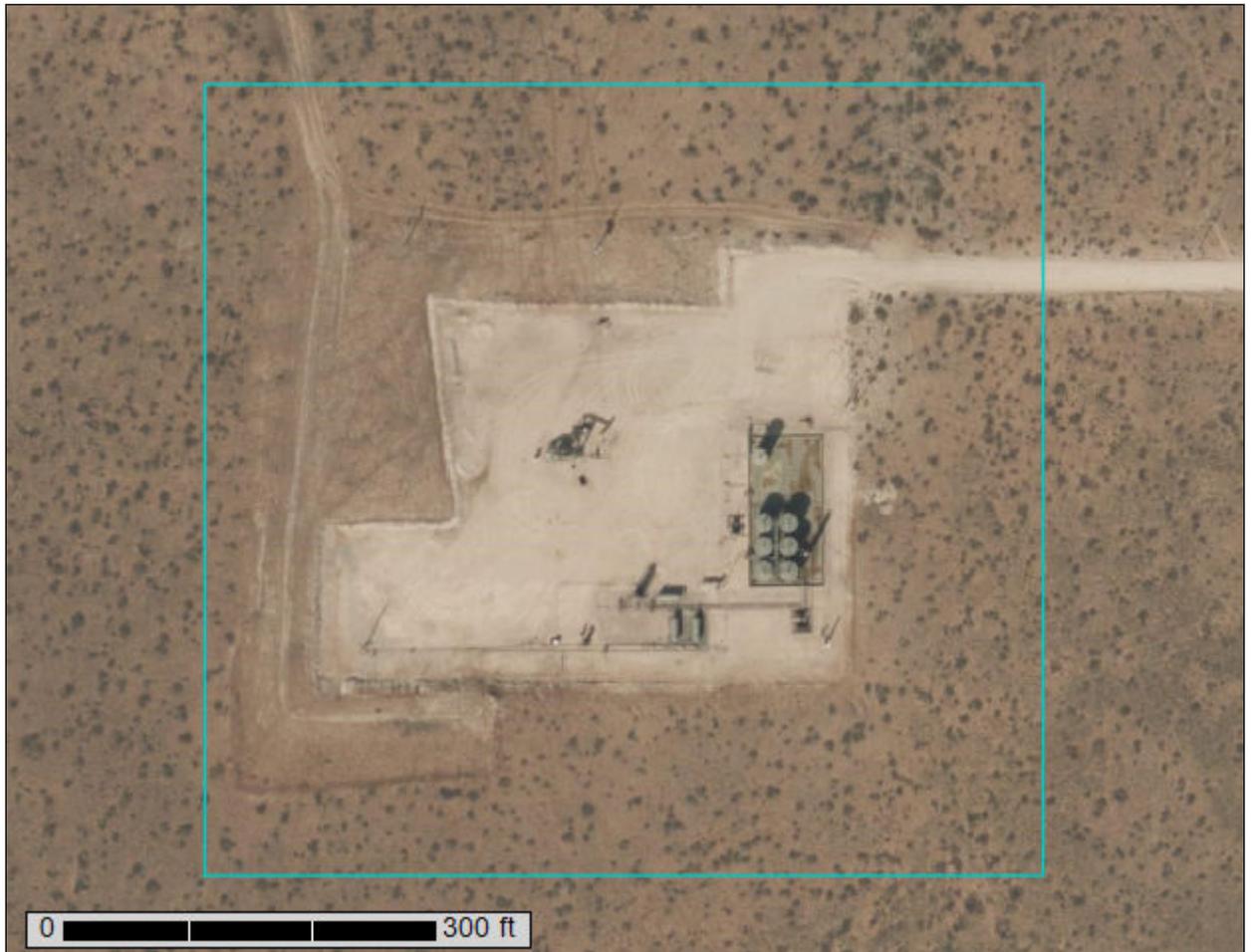
10/31/22 8:58 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico

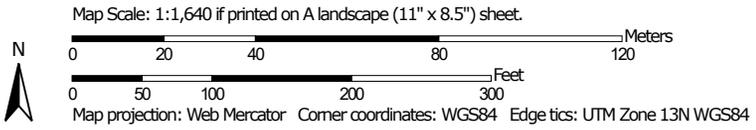


October 31, 2022

Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 19, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Lea County, New Mexico**SE—Simona fine sandy loam, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: dmr2
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 58 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona**Setting**

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam
Bk - 8 to 16 inches: gravelly fine sandy loam
Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 35 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Custom Soil Resource Report

Minor Components**Kimbrough***Percent of map unit: 8 percent**Ecological site: R077CY037TX - Very Shallow 16-21" PZ**Hydric soil rating: No***Lea***Percent of map unit: 7 percent**Ecological site: R077CY028TX - Limy Upland 16-21" PZ**Hydric soil rating: No***TF—Tonuco loamy fine sand, 0 to 3 percent slopes****Map Unit Setting***National map unit symbol: 2tw3c**Elevation: 3,280 to 4,460 feet**Mean annual precipitation: 10 to 16 inches**Mean annual air temperature: 59 to 64 degrees F**Frost-free period: 180 to 220 days**Farmland classification: Not prime farmland***Map Unit Composition***Tonuco and similar soils: 70 percent**Minor components: 30 percent**Estimates are based on observations, descriptions, and transects of the mapunit.***Description of Tonuco****Setting***Landform: Ridges, plains**Landform position (two-dimensional): Shoulder**Landform position (three-dimensional): Rise**Down-slope shape: Convex, linear**Across-slope shape: Linear**Parent material: Sandy eolian deposits***Typical profile***A - 0 to 12 inches: loamy fine sand**Bw - 12 to 17 inches: loamy sand**Bkkm - 17 to 39 inches: cemented material***Properties and qualities***Slope: 0 to 3 percent**Depth to restrictive feature: 12 to 20 inches to petrocalcic**Drainage class: Excessively drained**Runoff class: Very high**Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)**Depth to water table: More than 80 inches*

Custom Soil Resource Report

Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 2 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R077DY048TX - Shallow 12-17" PZ
Hydric soil rating: No

Minor Components**Simona**

Percent of map unit: 15 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Berino

Percent of map unit: 10 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 5 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

National Flood Hazard Layer FIRMMette



103°24'34"W 32°16'57"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/31/2022 at 10:59 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Appendix III

C-141 and NMOCD Correspondence

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 Department

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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

Incident ID	nAPP2229945497
District RP	
Facility ID	30-025-41864
Application ID	

Release Notification

Responsible Party

Responsible Party Harvest Crude Transport	OGRID 328392
Contact Name Anthony Vazquez	Contact Telephone 432-231-3745
Contact email avazquez@harvestcrude.com	Incident # (assigned by OCD) nAPP2229945497
Contact mailing address 2811 W. Humble St., Hobbs, NM 88240	

Location of Release Source

Latitude **32.27835** Longitude **-103.40425**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Sweetness 30 State Fed Com #001H	Site Type Oil
Date Release Discovered 10/25/22	API# 30-025-41864

Unit Letter	Section	Township	Range	County
G	30	23S	35E	Lea

Surface Owner: State Federal Tribal Private

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 50	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Human error while driver unloading from LAC unit.
LAC unit barrel counter used to verify volume of release provided.

Form C-141

State of New Mexico
Oil Conservation Division

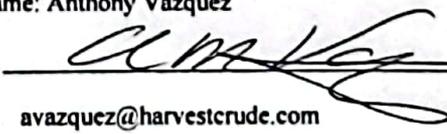
Page 2

Incident ID	nAPP2229945497
District RP	
Facility ID	30-025-41864
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The volume of release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR filed with OCD 10/26/22.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.
Printed Name: Anthony Vazquez Title: Operations Manager Signature:  Date: 10/31/22 email: avazquez@harvestcrude.com Telephone: 432-231-3745
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	nAPP2229045
District	
Facility ID	30-025-41...
Application ID	

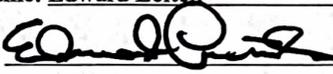
Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Edward Leitch Title: _____
 Signature:  Date: 6/12/2023
 Email: lmhenv.ed@gmail.com Telephone: _____

OCD On:

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____
 Printed Name: _____ Title: _____

Matthew Gomez

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Tuesday, March 7, 2023 9:46 AM
To: Matthew Gomez
Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD
Subject: RE: [EXTERNAL] nAPP2229945497 - Sweetness 30 State Fed Com #1

This message originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Mathew,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Matthew Gomez <mgomez@talonlpe.com>
Sent: Tuesday, March 7, 2023 6:40 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] nAPP2229945497 - Sweetness 30 State Fed Com #1

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

This email is to serve as notification for the ongoing sampling event scheduled for Thursday March 9, 2023 at 9:00 AM. Please contact me with any questions or concerns.

Respectfully,

Matthew Gomez
Enviromental Project Manager
Office: 575.746.8768 x710
Cell: 575.942.0688
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com

Matthew Gomez

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Tuesday, February 7, 2023 9:34 AM
To: Matthew Gomez
Cc: Nobui, Jennifer, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] nAPP2229945497 - Sweetness 30 State Fed Com #1

This message originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Mathew,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Matthew Gomez <mgomez@talonlpe.com>
Sent: Tuesday, February 7, 2023 9:00 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] nAPP2229945497 - Sweetness 30 State Fed Com #1

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

This email is to serve as notification for the confirmation sampling event scheduled for Thursday February 9, 2023 at 10:30 AM. Please contact me with any question or concerns.

Respectfully,

Matthew Gomez
Environmental Project Manager
Office: 575.746.8768 x
Cell: 575.942.0688
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



Appendix IV

Photographic Documentation



Sweetness 30 St Fed Com 1H
Lea County, NM



Photograph No.1 Description:

Aerial of release.



Photograph No.2 Description:

Impacted area in pasture.



Photograph No.3 Description:

Excavated area on road.



Photograph No.4 Description:

Excavated area north of the battery.



Sweetness 30 St Fed Com 1H
Lea County, NM



Photograph No.5 Description:

Excavated area west of the battery.



Photograph No.6 Description:

Excavated area in pasture.



Photograph No.7 Description:

Backfilled to grade west of the battery.



Photograph No.8 Description:

Backfilled to grade north of the battery.



Photograph No.9 Description:

Backfilled to grade in pasture.



Appendix V

Laboratory Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 02, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SWEETNESS 30 STATE FED COM 1

Enclosed are the results of analyses for samples received by the laboratory on 04/26/23 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 37 1' (H232036-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/28/2023	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 38 1' (H232036-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/28/2023	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 39 1' (H232036-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/28/2023	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 40 1' (H232036-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/28/2023	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 41 1' (H232036-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/28/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 42 1' (H232036-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/28/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 43 1' (H232036-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/28/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	199	99.7	200	0.671	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	188	93.9	200	0.459	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 44 1' (H232036-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/28/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	172	85.8	200	0.0705	QR-03
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	152	76.1	200	0.123	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/26/2023	Sampling Date:	04/25/2023
Reported:	05/02/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30 STATE FED COM 1	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 45 1' (H232036-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.17	108	2.00	10.7	
Toluene*	<0.050	0.050	04/28/2023	ND	2.24	112	2.00	11.2	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.20	110	2.00	10.9	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.80	113	6.00	10.6	
Total BTEX	<0.300	0.300	04/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/28/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2023	ND	172	85.8	200	0.0705	
DRO >C10-C28*	<10.0	10.0	04/27/2023	ND	152	76.1	200	0.123	
EXT DRO >C28-C36	<10.0	10.0	04/27/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

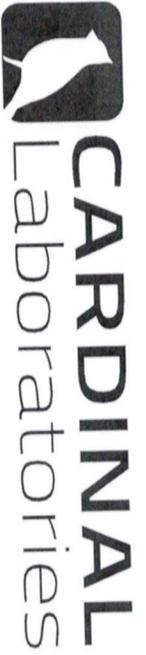
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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: M. Gomez
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #: _____
 Project #: 700477.001.01 Project owner: Harvest Crude
 Project Name: Sweetness 30 State Fed Com 1
 Project Location: Lea County, NM
 Sampler Name: M. Gomez
 P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
1	C-37 1'	G	1	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						4/25/23	10:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	C-38 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							10:35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	C-39 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							10:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	C-40 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							10:45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	C-41 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							10:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	C-42 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							10:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	C-43 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							11:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	C-44 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							11:05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	C-45 1'			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							11:10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: M. Gomez Date: 4/26/23 Received By: Speckriggers
 Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) UPS #113 Sample Condition Intact CHECKED BY: [Signature]
 Sampler - UPS - Bus - Other: 0.9c/0.3c Cool Yes No Intact Yes No

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 11, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SWEETNESS 30

Enclosed are the results of analyses for samples received by the laboratory on 04/05/23 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 31 3' (H231580-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.5	2.00	5.52	
Toluene*	<0.050	0.050	04/06/2023	ND	1.93	96.4	2.00	4.13	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.96	98.0	2.00	4.00	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.03	100	6.00	2.99	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/06/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2023	ND	181	90.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	04/07/2023	ND	170	84.8	200	5.29	
EXT DRO >C28-C36	<10.0	10.0	04/07/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 32 3' (H231580-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.5	2.00	5.52	
Toluene*	<0.050	0.050	04/06/2023	ND	1.93	96.4	2.00	4.13	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.96	98.0	2.00	4.00	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.03	100	6.00	2.99	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	189	94.5	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	183	91.5	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 33 3' (H231580-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.5	2.00	5.52	
Toluene*	<0.050	0.050	04/06/2023	ND	1.93	96.4	2.00	4.13	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.96	98.0	2.00	4.00	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.03	100	6.00	2.99	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/06/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 34 3' (H231580-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.5	2.00	5.52	
Toluene*	<0.050	0.050	04/06/2023	ND	1.93	96.4	2.00	4.13	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.96	98.0	2.00	4.00	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.03	100	6.00	2.99	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 35 6" (H231580-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 36 6" (H231580-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 37 6" (H231580-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	174	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	40.8	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 38 6" (H231580-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	168	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	45.3	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 39 6" (H231580-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	178	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	46.4	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 40 6" (H231580-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	189	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	51.7	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 41 6" (H231580-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	150	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	34.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 42 6" (H231580-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	213	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	58.3	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 43 6" (H231580-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	190	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	49.7	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 44 6" (H231580-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	185	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	48.3	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 45 6" (H231580-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	141	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	28.6	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 46 6" (H231580-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 47 6" (H231580-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 48 6" (H231580-18)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 49 6" (H231580-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 50 6" (H231580-20)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 2 1' (H231580-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 8 4.5' (H231580-22)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	191	95.6	200	1.07	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	219	110	200	0.763	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 9 4' (H231580-23)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 17 6" (H231580-24)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.89	94.3	2.00	3.58	
Toluene*	<0.050	0.050	04/06/2023	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	1.91	95.6	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	5.80	96.7	6.00	0.286	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 19 5' (H231580-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 20 4' (H231580-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 21 4' (H231580-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 23 3' (H231580-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: NSW-1 6" (H231580-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: NSW-2 6" (H231580-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: NSW-5 6" (H231580-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: NWSW-1 6" (H231580-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: WSW-1 6" (H231580-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: WSW-2 3' (H231580-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: WSW-3 3' (H231580-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: WSW-4 6" (H231580-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: WSW-5 4' (H231580-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: SSW-1 6" (H231580-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: SSW-2 6" (H231580-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: ESW-1 1' (H231580-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/05/2023	Sampling Date:	03/29/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: ESW-2 6" (H231580-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	1.95	97.4	2.00	1.76	
Toluene*	<0.050	0.050	04/06/2023	ND	1.95	97.3	2.00	2.47	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.03	102	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/06/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	197	98.6	200	0.810	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	199	99.5	200	5.20	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE
 Project Manager: M. Gomez
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 700477.001.01 Project owner: Harvest Crude
 Project Name: Sweetness 30
 Project Location: Lea County, NM
 Sampler Name: M. Gomez, N. Rose
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H231580		G	1								3/24/23	9:40			
1	C-31	3'										9:45			
2	C-32	3'										9:50			
3	C-33	3'										4:55			
4	C-34	3'										10:00			
5	C-35	6"										10:05			
6	C-36	6"										10:10			
7	C-37	6"										10:15			
8	C-38	6"										10:25			
9	C-39	6"										10:30			
10	C-40	6"													

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Relinquished By: MTH/MLW Date: 4-5-23 Received By: Speckleberry
 Relinquished By: _____ Date: _____ Received By: _____
 Time: _____

Delivered By: (Circle One) #1/3 Sample Condition Cool Intact CHECKED BY: SK
 Sampler - UPS - Bus - Other: 29/2.3c Yes No Yes No
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE
Project Manager: M. Gomez
Address: 408 W. Texas Ave
City: Artesia **State:** NM **zip:** 88210
Phone #: 575.746.8768 **Fax #:**
Project #: 700477.001.01 **Project Owner:** Harvest Crude
Project Name: Sweetness 30
Project Location: Lea County, NM
Sampler Name: M. Gomez, N. Rose

BILL TO
P.O. #:
Company:
Attn:
Address:
City:
State: **zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV			DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
H2315-80																		
11	C-41	6"	G	1														
12	C-42	6"																
13	C-43	6"																
14	C-44	6"																
15	C-45	6"																
16	C-46	6"																
17	C-47	6"																
18	C-48	6"																
19	C-49	6"																
20	C-50	6"																

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Relinquished By: *Matthew Gomez*
Date: 4-5-23
Time: 1400
Received By: *Spladigwey*
Date:
Time:

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *2.92/2.32* #113
 Sample Condition: Cool Intact
 Yes No Yes No
CHECKED BY: *SGZ* (Initials)

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE
 Project Manager: M. Gomez
 Address: 408 W. Texas Ave
 City: Artesia State: NM zip: 88210
 Phone #: 575.746.8768 Fax #:
 Project #: 700477.001.01 Project Owner: Harvest Crude
 Project Name: Sweetness 30
 Project Location: Lea County, NM
 Sampler Name: M. Gomez, N. Rose

BILL TO
 P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV			DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
H231580																		
21	C-2 1'	G	1	<input checked="" type="checkbox"/>	3/24/23	11:25	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
22	C-8 4.5'			<input checked="" type="checkbox"/>		11:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
23	C-9 4'			<input checked="" type="checkbox"/>		11:35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
24	C-17 6"			<input checked="" type="checkbox"/>		11:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
25	C-19 5'			<input checked="" type="checkbox"/>		11:45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
26	C-20 4'			<input checked="" type="checkbox"/>		11:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
27	C-21 4'			<input checked="" type="checkbox"/>		11:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
28	C-23 3'			<input checked="" type="checkbox"/>		12:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
29	NSW-1 6"			<input checked="" type="checkbox"/>		12:05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
30	NSW-2 6"			<input checked="" type="checkbox"/>		12:10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									

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Relinquished By: Matthew Bantz
 Date: 4-5-23
 Time: 7:40
 Received By: Sheddie Query
 Date: _____
 Time: _____

Phone Result: Yes No
 Add'l Phone #: _____
 Fax Result: Yes No
 Add'l Fax #: _____
 REMARKS:

Delivered By: (Circle One) UPS
 Sampler - UPS - Bus - Other: 8.9°C / 8.3°C
 Sample Condition: Cool Intact
 Checked By: SK (Initials)

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE

Project Manager: M. Gomez

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 700477.001.01

Project Name: Sweetness 30

Project Location: Lea County, NM

Sampler Name: M. Gomez, N. Rose

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.			DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
#231580		G	1	<input checked="" type="checkbox"/>	3/29/23	12:15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
31	NSW-5 6"			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
32	NWSW-1 6"			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
33	MSW-1 6"			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
34	MSW-2 3'			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
35	MSW-3 3'			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
36	MSW-4 6"			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
37	MSW-5 4'			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
38	SSW-1 6"			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
39	SSW-2 6"			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
40	ESW-1 1'			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									

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Relinquished By:

Date: 4-5-23

Received By: M. Rodriguez

Phone Result: Yes No

Fax Result: Yes No

Add'l Phone #: Add'l Fax #:

Relinquished By: Matthew Lewis

Date: 7/4/00

Received By: M. Rodriguez

Delivered By: (Circle One)

Time:

Date:

Sample Condition

Cool Intact

Yes No

CHECKED BY: (Initials)

Sampler - UPS - Bus - Other:

8.9°C / 8.3°C

#113

Checked By: (Initials)

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 16, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: SWEETNESS 30

Enclosed are the results of analyses for samples received by the laboratory on 03/14/23 9:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 30 1' (H231148-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/15/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 29 1' (H231148-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 28 1' (H231148-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 27 2' (H231148-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 26 3' (H231148-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 25 3' (H231148-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 24 3' (H231148-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.19	109	2.00	4.48	
Toluene*	<0.050	0.050	03/15/2023	ND	2.14	107	2.00	2.78	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.17	108	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.80	113	6.00	3.70	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 16 0.5' (H231148-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	25.6	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	13.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

TALON LPE
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 18 0.5' (H231148-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TALON LPE
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 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 19 3' (H231148-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	852	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	163	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 3 1' (H231148-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 5 1' (H231148-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 6 1' (H231148-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 8 4' (H231148-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 10 3' (H231148-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2023	ND	165	82.7	200	1.43	
DRO >C10-C28*	<10.0	10.0	03/15/2023	ND	175	87.7	200	1.19	
EXT DRO >C28-C36	<10.0	10.0	03/15/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
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 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 11 2' (H231148-16)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 22 4' (H231148-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: NSW - 3 3' (H231148-18)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: NSW - 4 3' (H231148-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: ESW - 1 1' (H231148-20)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: ESW - 3 3' (H231148-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/15/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	03/14/2023	Sampling Date:	03/09/2023
Reported:	03/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: ESW - 4 3' (H231148-22)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2023	ND	2.03	102	2.00	1.52	
Toluene*	<0.050	0.050	03/15/2023	ND	2.07	103	2.00	1.36	
Ethylbenzene*	<0.050	0.050	03/15/2023	ND	2.05	103	2.00	1.07	
Total Xylenes*	<0.150	0.150	03/15/2023	ND	6.17	103	6.00	0.0870	
Total BTEX	<0.300	0.300	03/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/15/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/14/2023	ND	193	96.3	200	14.2	
DRO >C10-C28*	<10.0	10.0	03/14/2023	ND	191	95.6	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	03/14/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE

Project Manager: M. Gomez

Address: 408 W. Texas Ave

City: Artesia State: NM zip: 88210

Phone #: 575.746.8768 Fax #:

Project #: 700477.001.01 Project Owner: Harvest Crude

Project Name: Sweetness 30

Project Location: Lea County, NM

Sampler Name: K. Taylor, N. Rose

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	H231148	C	1	<input checked="" type="checkbox"/>						3/9/23	10:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2		C	1	<input checked="" type="checkbox"/>							10:35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3		C	1	<input checked="" type="checkbox"/>							10:42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4		C	1	<input checked="" type="checkbox"/>							10:46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5		C	1	<input checked="" type="checkbox"/>							10:51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6		C	1	<input checked="" type="checkbox"/>							10:57	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7		C	1	<input checked="" type="checkbox"/>							11:03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8		C	1	<input checked="" type="checkbox"/>							11:12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9		C	1	<input checked="" type="checkbox"/>							11:15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10		C	1	<input checked="" type="checkbox"/>							11:19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: *[Signature]* Date: 9/1/23 Time: 0903

Received By: *[Signature]*

Relinquished By: *[Signature]*

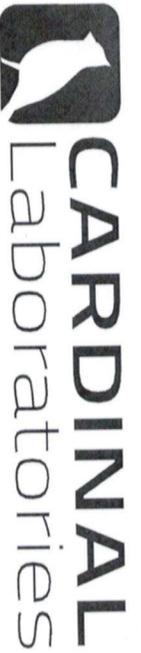
Date: Time:

Received By: *[Signature]*

Delivered By: (Circle One) 4.0.0 (C.O.U.)
 Sampler - UPS - Bus - Other: 3.4 #113

CHECKED BY: *[Signature]*
 Sample Condition: Cool Intact Yes No
 REMARKS: *TEMP BIPHE: -0.4c*

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE

Project Manager: M. Gomez

Address: 408 W. Texas Ave

City: Artesia State: NM zip: 88210

Phone #: 575.746.8768 Fax #:

Project #: 700477.001.01 Project owner: Harvest Crude

Project Name: Sweetness 30

Project Location: Lea County, NM

Sampler Name: K. Taylor, N. Rose

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
4931148	C-3 1'	C	1	<input checked="" type="checkbox"/>	3/9/23	11:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	C-5 1'	C	1	<input checked="" type="checkbox"/>		11:35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	C-6 1'	C	1	<input checked="" type="checkbox"/>		11:42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	C-8 4'	C	1	<input checked="" type="checkbox"/>		11:46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	C-10 3'	C	1	<input checked="" type="checkbox"/>		11:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	C-11 2'	C	1	<input checked="" type="checkbox"/>		11:56	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	C-22 4'	C	1	<input checked="" type="checkbox"/>		12:10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	NSW-3 3'	C	1	<input checked="" type="checkbox"/>		12:16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	NSW-4 3'	C	1	<input checked="" type="checkbox"/>		12:21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	ESW-1 1'	C	1	<input checked="" type="checkbox"/>		12:26	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

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Relinquished By: Date: 9/19/23 Time: 0903

Received By: Date: 9/19/23 Time: 0903

Relinquished By: Date: 9/19/23 Time: 0903

Received By: Date: 9/19/23 Time: 0903

Delivered By: (Circle One) UPS Bus Other 408 W. Texas Ave #113

Sample Condition: Cool Intact Yes No Checked By:

REMARKS: Page 2 of 3 TEMP BIME: 0.4

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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February 16, 2023

DAVID ADKINS
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: SWEETNESS 30

Enclosed are the results of analyses for samples received by the laboratory on 02/10/23 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 1 6" (H230621-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	11.7	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 2 6" (H230621-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	0.051	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	91.7	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	109	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 3 6" (H230621-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	300	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	69.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 4 6" (H230621-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 5 6" (H230621-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	160	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	167	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 6 6" (H230621-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	138	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	90.3	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 7 3' (H230621-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	22.1	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 8 3' (H230621-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	137	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	22.6	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 9 3' (H230621-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	181	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	27.4	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 10 6" (H230621-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	30.9	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 11 6" (H230621-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	11.3	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	9.85	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	9.20	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.31	105	6.00	9.72	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	198	99.0	200	0.687	
DRO >C10-C28*	87.8	10.0	02/14/2023	ND	186	92.9	200	3.76	
EXT DRO >C28-C36	20.1	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 12 6" (H230621-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.958	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.174	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.41	107	6.00	0.624	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.58	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	186	93.2	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 13 6" (H230621-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.958	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.174	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.41	107	6.00	0.624	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.58	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	186	93.2	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 14 6" (H230621-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.958	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.174	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.41	107	6.00	0.624	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/14/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.58	
DRO >C10-C28*	20.2	10.0	02/14/2023	ND	186	93.2	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/10/2023	Sampling Date:	02/09/2023
Reported:	02/16/2023	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Tamara Oldaker
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: C - 15 6" (H230621-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.958	
Toluene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.12	106	2.00	0.174	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.41	107	6.00	0.624	
Total BTEX	<0.300	0.300	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/14/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.58	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	186	93.2	200	7.00	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE		BILL TO		ANALYSIS REQUEST	
Project Manager: M. Gomez		P.O. #:			
Address: 408 W. Texas Ave		Company:			
City: Artesia		Attn:			
Phone #: 575.746.8768		Address:			
Fax #: Project #:		City:			
700477.001.01		State:			
Project Name: Sweetness 30		Zip:			
Project Location: Lea County NM		Phone #:			
Sampler Name: Nathan Rose		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H230621	C-1 6"	C	1			<input checked="" type="checkbox"/>								
	C-2 6"													
	C-3 6"													
	C-4 6"													
	C-5 6"													
	C-6 6"													
	C-7 3'													
	C-8 3'													
	C-9 3'													
	C-10 6"													

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Relinquished By: *[Signature]* Date: 9-10-23
 Received By: *[Signature]* Date: 9-10-23
 Time: 0945

Delivered By: (Circle One) UPS Bus Other: *#113*

Sample Condition: Cool Intact
 Yes No

Checked By: *[Signature]* (Initials) *VS*

REMARKS: *pg-1-a*

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE		BILL TO	
Project Manager: M. Gomez		P.O. #:	
Address: 408 W. Texas Ave		Company:	
City: Artesia	State: NM zip: 88210	Attn:	
Phone #: 575.746.8768	Fax #:	Address:	
Project #: 700477.001.01	Project Owner: Harvest Crude	City:	
Project Name: Sweetness 30	State: Zip:	Phone #:	
Project Location: Lea County NM	Phone #:	Fax #:	
Sampler Name: Nathan Rose			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H236624			1			<input checked="" type="checkbox"/>							2-9-23	1240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	C-11 6"	C	1			<input checked="" type="checkbox"/>								1246	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	C-12 6"					<input checked="" type="checkbox"/>								1252	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13	C-13 6"					<input checked="" type="checkbox"/>								1258	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	C-14 6"					<input checked="" type="checkbox"/>								0101	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15	C-15 6"					<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By:	Date: 8-16-23	Received By:	Date: 8-16-23
Time: 0945		Time: 1112	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.76 / 1.12	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY:	REMARKS: 242.2

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 15, 2022

DAVID ADKINS
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: SWEETNESS 30

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 1 0.5-1' (H225290-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.89	94.5	2.00	7.02	
Toluene*	<0.050	0.050	11/11/2022	ND	2.00	99.8	2.00	8.06	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.92	96.2	2.00	8.28	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.88	98.0	6.00	8.29	
Total BTEX	<0.300	0.300	11/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/10/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	233	117	200	24.7	
DRO >C10-C28*	343	10.0	11/10/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	72.6	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 74.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 1 2' (H225290-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.89	94.5	2.00	7.02	
Toluene*	<0.050	0.050	11/11/2022	ND	2.00	99.8	2.00	8.06	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.92	96.2	2.00	8.28	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.88	98.0	6.00	8.29	
Total BTEX	<0.300	0.300	11/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/10/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	233	117	200	24.7	
DRO >C10-C28*	119	10.0	11/10/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	28.6	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 1 4' (H225290-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2022	ND	1.89	94.5	2.00	7.02	
Toluene*	<0.050	0.050	11/11/2022	ND	2.00	99.8	2.00	8.06	
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.92	96.2	2.00	8.28	
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.88	98.0	6.00	8.29	
Total BTEX	<0.300	0.300	11/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/10/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	233	117	200	24.7	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 2 0.5-1' (H225290-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.89	94.5	2.00	7.02		
Toluene*	<0.050	0.050	11/11/2022	ND	2.00	99.8	2.00	8.06		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.92	96.2	2.00	8.28		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.88	98.0	6.00	8.29		
Total BTEX	<0.300	0.300	11/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	11/10/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	233	117	200	24.7		
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	254	127	200	21.4		
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND						

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 2 2' (H225290-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2022	ND	1.89	94.5	2.00	7.02		
Toluene*	<0.050	0.050	11/11/2022	ND	2.00	99.8	2.00	8.06		
Ethylbenzene*	<0.050	0.050	11/11/2022	ND	1.92	96.2	2.00	8.28		
Total Xylenes*	<0.150	0.150	11/11/2022	ND	5.88	98.0	6.00	8.29		
Total BTEX	<0.300	0.300	11/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	11/10/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	233	117	200	24.7		
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	254	127	200	21.4		
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 2 4' (H225290-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	233	117	200	24.7	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	254	127	200	21.4	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 3 0.5-1' (H225290-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 3 2' (H225290-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 3 4' (H225290-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 4 0-1' (H225290-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	0.066	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	0.213	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	0.938	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	1.22	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	42.9	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.1 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 4 2' (H225290-11)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	0.163	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	0.663	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	3.02	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	3.85	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 176 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	74.8	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	578	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	98.1	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 4 3' (H225290-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	10.7	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 4 4' (H225290-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: S - 4 6' (H225290-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TALON LPE
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	11/09/2022	Sampling Date:	11/04/2022
Reported:	11/15/2022	Sampling Type:	Soil
Project Name:	SWEETNESS 30	Sampling Condition:	Cool & Intact
Project Number:	700477.001.01	Sample Received By:	Shalyn Rodriguez
Project Location:	HARVEST CRUDE - LEA CO NM		

Sample ID: BG - 1 0' (H225290-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.60	80.0	2.00	16.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.67	83.5	2.00	15.8	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.67	83.4	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.17	86.2	6.00	15.3	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/10/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2022	ND	199	99.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	198	99.2	200	6.80	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE		P.O. #:	
Project Manager: D. Adkins		Company:	
Address: 408 W. Texas Ave		Attn:	
City: Artesia		Address:	
State: NIM zip: 88210		City:	
Phone #: 575.746.8768		State:	
Fax #: 575.746.8768		Zip:	
Project #: 700477.001.01		Project Owner: Harvest Crude	
Project Name: Sweetness 30		Project Location: Lea County, NM	
Project Location: Lea County, NM		Sample Name: M. Gomez	
Sample Name: M. Gomez		FOR LAB USE ONLY	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	GL	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
4225810	S-1 0.5-1'	G	1			X				11/4/22	10:01	X	X	X
1	S-1 2'										10:17			
2	S-1 4'										10:21			
3	S-2 0.5-1'										10:35			
4	S-2 2'										10:42			
5	S-2 4'										10:51			
6	S-3 0.5-1'										10:56			
7	S-3 2'										11:12			
8	S-3 4'													
9	S-4 0-1'										11:20			

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Reinquired By: Matthew Gomez	Date: 11/14/22	Received By: [Signature]
Relinquished By:	Date:	Received By:
Delivered By: (Circle One) UPS - Bus - Other: 0.729 CO-06	Time: 01:13	CHECKED BY: [Signature]
Sampler - UPS - Bus - Other:	Time:	Sample Condition
		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

Page 1 of 2



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: Talon LPE		BILL TO		ANALYSIS REQUEST															
Project Manager: D. Adkins		P.O. #:																	
Address: 408 W. Texas Ave		Company:																	
City: Artesia		Attn:																	
Phone #: 575.746.8768		Address:																	
Project #: 700477.001.01		City:																	
Project Name: Sweetness 30		State:																	
Project Location: Lea County, NM		Phone #:																	
Sample Name: M. Gomez		Fax #:																	
FOR LAB USE ONLY		PRESERV.		SAMPLING															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	CL	TPH	BTEX										
11	S-4 2'	G	1	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	11/4/22	11:24	X	X	X										
12	S-4 3'					11:29													
13	S-4 4'					11:36													
14	S-4 6'					11:49													
15	BG-1 0'					11:55													

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Relinquished By: Matthew beamz Date: 11/15/22 Time: 1430 Received By: Shoddiequrey

Delivered By: (Circle One) 0.7% Cool Yes No Intact Yes No

Sampler - UPS - Bus - Other: 0.1% #113

Checked By: [Signature] (Initials)

REMARKS: Page 2 of 2

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 261676

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 261676
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	None	9/6/2023