

talonlpe.com • 866.742.0742



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
Orangevale CA 95662

Prepared By:

Matthew Gomez
Talon/LPE
408 W. Texas Avenue
Artesia, New Mexico 88210

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 ½ 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.

Table I Closure Criteria for Soils Impacted by a Release			
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



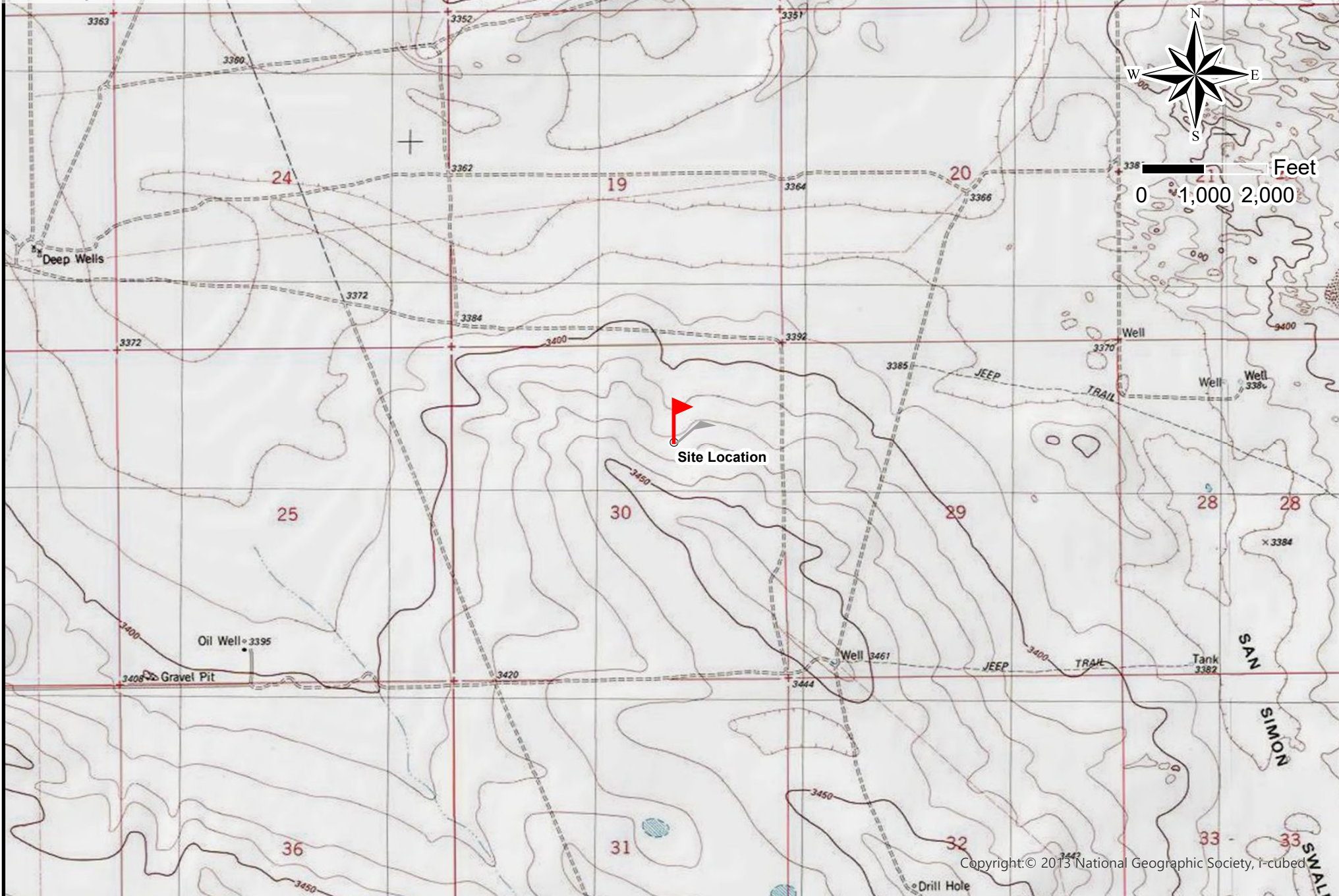
Drafted: 5/4/2023
1 in = 100 ft
Drafted By: IJR

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



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

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



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

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

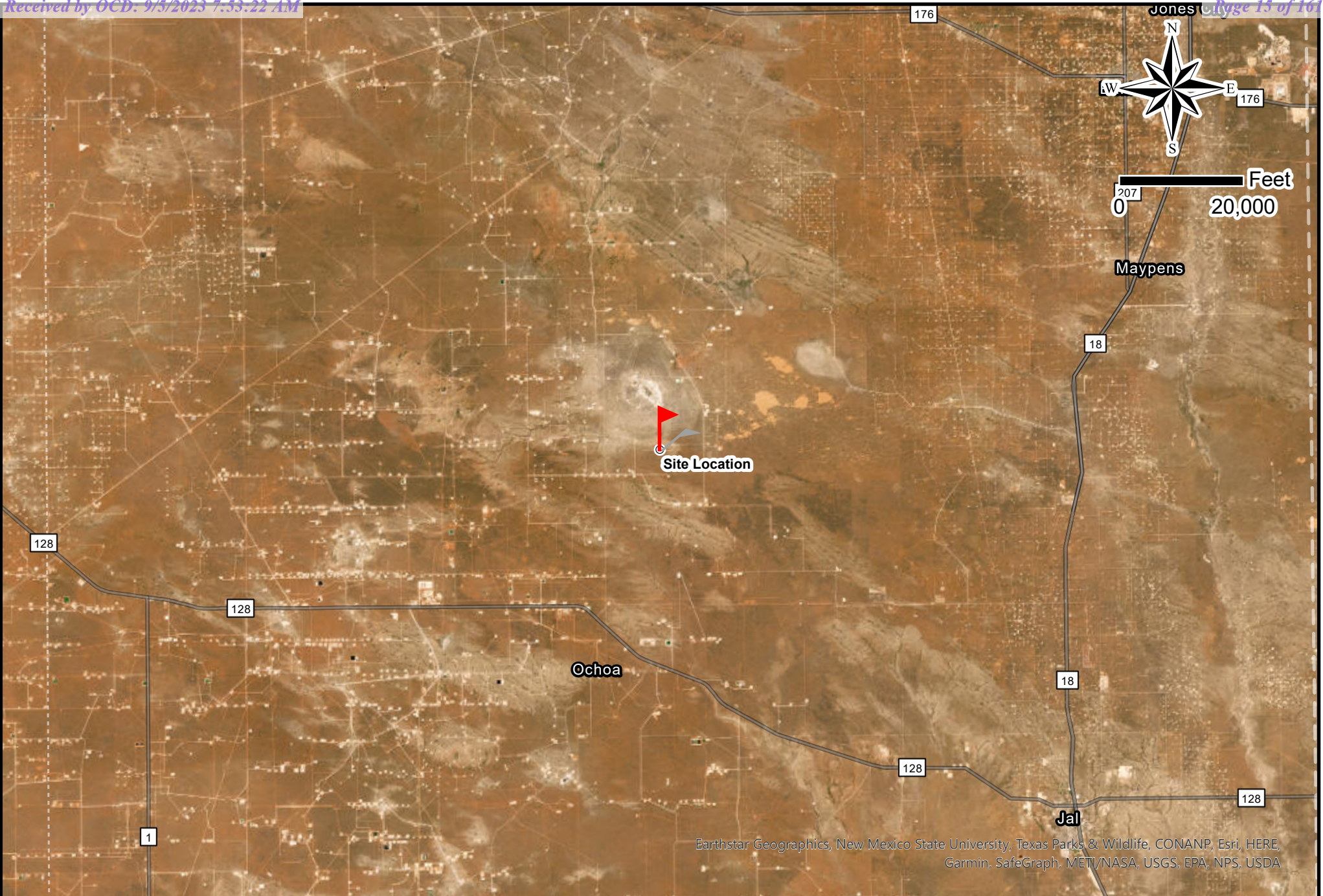


Image Source: Google EarthPro



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

Sub-

basin

County

Q 64

Q 16

Q 4

Sec

Tws

Rng

X

Y

Distance

DepthWell

DepthWater

Water Column

POD Number	Code	Sub-basin	County	Q 64	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

UTMNAD83 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.



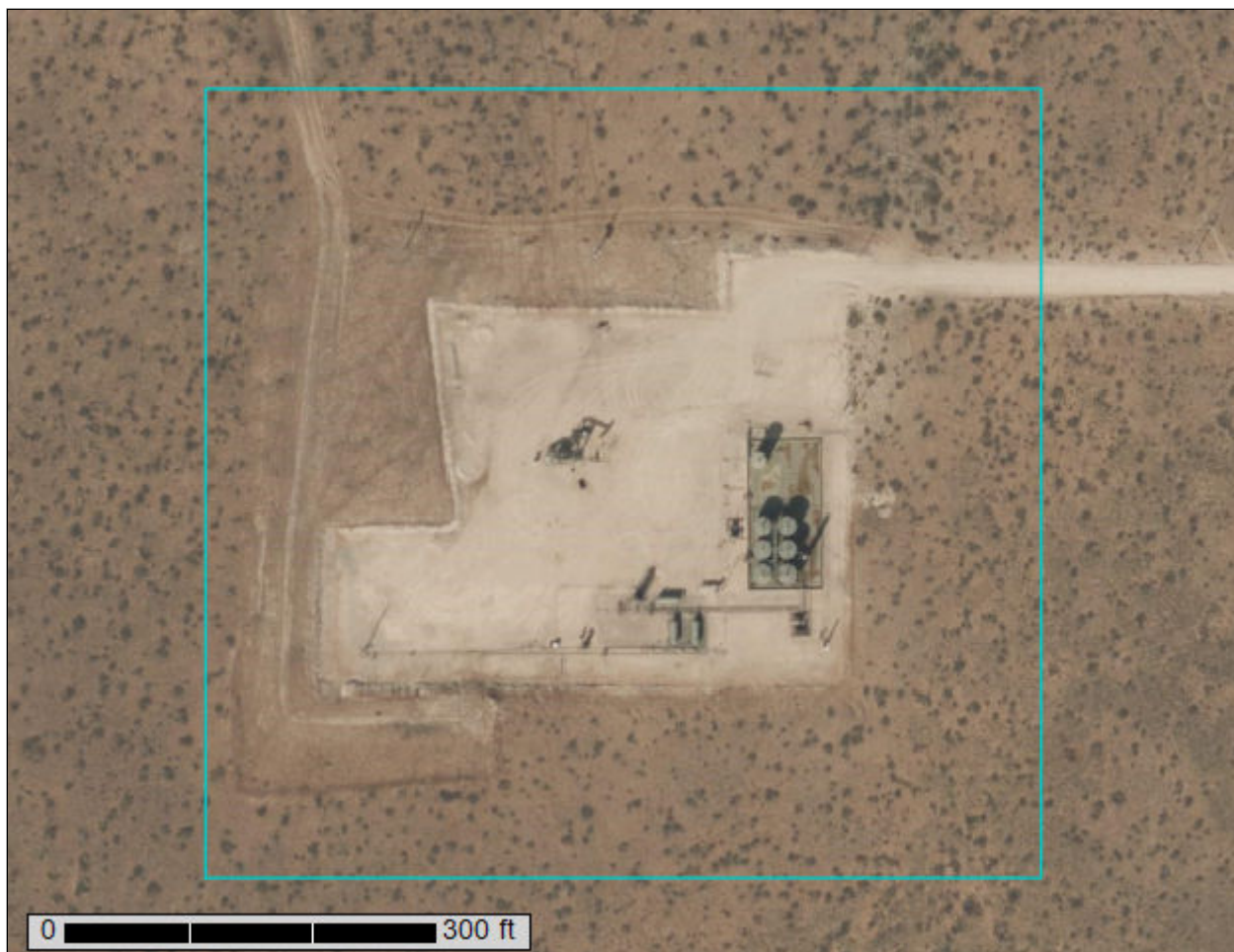
United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

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



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 FIRMette



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>
		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
OTHER AREAS		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 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		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

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

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

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

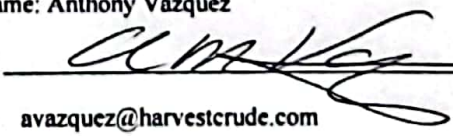
Page 2

State of New Mexico
Oil Conservation Division

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	30-025-4
Application ID	

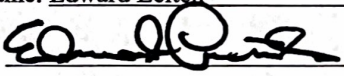
Closure

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 Onr

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
Environmental 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

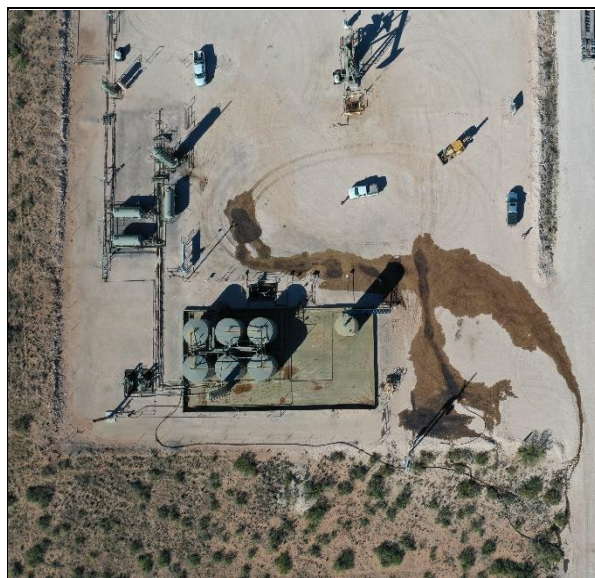


Appendix IV

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.



Sweetness 30 St Fed Com 1H
Lea County, NM



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, 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:	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)

BTX 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 BTX	<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
Reported: 05/02/2023
Project Name: SWEETNESS 30 STATE FED COM 1
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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
Reported: 05/02/2023
Project Name: SWEETNESS 30 STATE FED COM 1
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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
Reported: 05/02/2023
Project Name: SWEETNESS 30 STATE FED COM 1
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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 - 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

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
Reported: 05/02/2023
Project Name: SWEETNESS 30 STATE FED COM 1
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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
Reported: 05/02/2023
Project Name: SWEETNESS 30 STATE FED COM 1
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	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

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
Reported: 05/02/2023
Project Name: SWEETNESS 30 STATE FED COM 1
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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

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

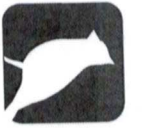
Cardinal Laboratories

*=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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

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 State Fed Com 1					
Project Location: Lea County, NM					
Sampler Name: M. Gomez					
FOR LAB USE ONLY					
		MATRIX		PRESERV.	SAMPLING

[illegible]

PLEASE NOTE: Liability and damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or not, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. 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 service providers. 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 service providers. 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 service providers.

Reinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Fax #:
	1/1/2			<input checked="" type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

Relinquished By:	<i>Maria Gomez</i>		
		Time: <i>7:45</i>	
Date:	<i>7/30</i>		
Received By:	<i>S. Rodriguez</i>		
			REMARKS:

Time:		
Delivered By: (Circle One)		#113
Sampler - UPS - Bus - Other:		0.92°/0.3°
Sample Condition		
Cool	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
CHECKED BY:		(Initials)
		8/2

Page 1 of 1



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 with a large, stylized 'C' and 'K'.

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)

BTX 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 BTX	<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

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:	04/05/2023	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 04/05/2023
 Reported: 04/11/2023
 Project Name: SWEETNESS 30
 Project Number: 700477.001.01
 Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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: 04/05/2023
Reported: 04/11/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/29/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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

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

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

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.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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

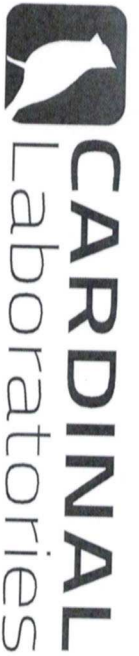
Company Name: Talon LPE		BILL TO		ANALYSIS REQUEST									
Project Manager: M. Gomez		P.O. #:											
Address: 408 W. Texas Ave		Company:											
City: Artesia		Attn:											
Phone #: 575.746.8768		Address:											
Fax #: State: NM zip: 88210		City:											
Project #: 700477.001.01		State: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

FOR LAB USE ONLY		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		CL		BTX		TPH											
Lab I.D.		Sample I.D.																																									
H231580																																											
1		C-31 3'		G		1																																					
2		C-32 3'																																									
3		C-33 3'																																									
4		C-34 3'																																									
5		C-35 6"																																									
6		C-36 6"																																									
7		C-37 6"																																									
8		C-38 6"																																									
9		C-39 6"																																									
10		C-40 6"																																									

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 9-5-23	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: MTH	Time: 1400	Received By: S. Rodriguez	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Time:			REMARKS:	
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:	29/2.3c	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		
		<input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (initials)	
			SR	

† 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

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H2315-80

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :															
11	C-41 6"	G	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3/29/23	10:35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
12	C-42 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
13	C-43 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10:45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
14	C-44 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10:50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
15	C-45 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10:55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
16	C-46 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		11:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
17	C-47 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		11:05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
18	C-48 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		11:10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
19	C-49 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		11:15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
20	C-50 6"			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		11:20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 4-5-23

Received By:

Relinquished By:

Date: 4-5-23

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

CHECKED BY:

2.92/2.32

Cool ☒ Intact ☒

Yes ☒ No ☒

† 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

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H231580

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :															
21	C-2 1'	G	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		12:10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 4-5-23

Received By:

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

CHECKED BY: (Initials)

8.9°C / 8.3°C

Cool ☒ Intact ☒

Yes ☒ No ☒

† 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

[illegible]



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, 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:	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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: 03/14/2023
Reported: 03/16/2023
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 03/09/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<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	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

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

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

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.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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. #:		BILL TO										ANALYSIS REQUEST																															
Project Manager: M. Gomez		Company:																																											
Address: 408 W. Texas Ave		Attn:																																											
City: Artesia		Address:																																											
Phone #: 575.746.8768		City:																																											
Fax #: 575.746.8768		State: NM zip: 88210																																											
Project #: 700477.001.01		Project Owner: Harvest Crude																																											
Project Name: Sweetness 30		State:																																											
Project Location: Lea County, NM		Phone #:																																											
Sample Name: K. Taylor, N. Rose		Fax #:																																											
FOR LAB USE ONLY		PRESERV		SAMPLING																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		CL		BTX		TPH											
1		C-30 1'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3/9/23		10:30		✓		✓		✓											
2		C-29 1'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10:35		✓		✓		✓													
3		C-28 1'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10:42		✓		✓		✓													
4		C-27 2'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10:46		✓		✓		✓													
5		C-26 3'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10:51		✓		✓		✓													
6		C-25 3'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		10:57		✓		✓		✓													
7		C-24 3'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		11:03		✓		✓		✓													
8		C-16 0.5'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		11:12		✓		✓		✓													
9		C-18 0.5'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		11:15		✓		✓		✓													
10		C-19 3'		C		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		11:19		✓		✓		✓													
PLEASE NOTE: Liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By:		Date: 8/1/23		Time: 0903		Received By: S. Rodriguez		Date:		Time:		Sample Condition		Cool Intact		Checked By: (initials)		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:		Page 1 of 3		TEMP BIPHE: -0.4c													
Delivered By: (Circle One)		4.0c		C.O.V.		3.4c		#113		Yes		No		Yes		No		SJR		Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326																									



CARDINAL Laboratories

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: K. Taylor, N. Rose

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

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

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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 9/19/23

Time: 0903

Received By:

Signature: [Handwritten Signature]

Relinquished By:

Date:

Time:

Received By:

Signature: [Handwritten Signature]

Delivered By: (Circle One) 408 W. Texas Ave

Sampler - UPS - Bus - Other: 342 #113

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☐

CHECKED BY: [Handwritten Signature]

REMARKS:

Page 2 of 3

TEMP B1M1K1-0041

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






CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible][illegible]

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 the client for the applicable service. Cardinal shall not 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 agents, in connection with the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

<small>services. In no event shall we be liable for consequential damages. This form is to be used only for the reporting of service failures and is not a contract. The undersigned certifies that the information furnished herein is true and correct. The undersigned also certifies that the information furnished herein is not for the purpose of defaming or disparaging the services of another company. The undersigned also certifies that the information furnished herein is not for the purpose of obtaining or attempting to obtain an unfair advantage over another company. The undersigned also certifies that the information furnished herein is not for the purpose of obtaining or attempting to obtain an unfair advantage over another company.</small>			
Relinquished By: 		Date: 8/14/93	
Relinquished By:		Time: 0903	
Date:		Received By: 	
Time:		Received By:	
Delivered By: (Circle One) 4.0:JC-O-C:		Sample Condition Cool <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Sampler - UPS - Bus - Other: 3.4: #113		CHECKED BY:  (Initials)	
REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
REMARKS:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Page 3 of 3 TEMP. 12/1/93: 0.4:			

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



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

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)

BTX 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 BTX	<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

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:	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)

BTX 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 BTX	<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	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

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:	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, SM4500Cl-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

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:	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, SM4500Cl-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

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:	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, SM4500Cl-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

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:	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, SM4500Cl-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

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:	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

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:	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)

BTX 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 BTX	<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

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:	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, SM4500Cl-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

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:	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, SM4500Cl-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

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:	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)

BTX 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 BTX	<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

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:	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)

BTX 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 BTX	<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

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:	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)

BTX 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 BTX	<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*	<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

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:	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)

BTX 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 BTX	<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

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:	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, 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	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

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

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

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.

A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

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 #: 575.746.8768		City:																																			
Project #: 700477.001.01		State: NM zip: 88210																																			
Project Name: Sweetness 30		Project Owner: Harvest Crude																																			
Project Location: Lea County NM		State:																																			
Sample Name: Nathan Rose		Phone #:																																			
Fax #:																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.																																			
H230621		C-1 6"		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		MATRIX		PRESERV.		SAMPLING		DATE		TIME		CL		BTX		TPH											
1		C-2 6"		1		1		✓		✓		✓		✓		✓		2-9-23		1035		✓		✓		✓											
2		C-3 6"		1		1		✓		✓		✓		✓		✓		1039		✓		✓		✓													
3		C-4 6"		1		1		✓		✓		✓		✓		✓		1045		✓		✓		✓													
4		C-5 6"		1		1		✓		✓		✓		✓		✓		1050		✓		✓		✓													
5		C-6 6"		1		1		✓		✓		✓		✓		✓		1056		✓		✓		✓													
6		C-7 3'		1		1		✓		✓		✓		✓		✓		1102		✓		✓		✓													
7		C-8 3'		1		1		✓		✓		✓		✓		✓		1220		✓		✓		✓													
8		C-9 3'		1		1		✓		✓		✓		✓		✓		1226		✓		✓		✓													
9		C-10 6"		1		1		✓		✓		✓		✓		✓		1232		✓		✓		✓													
10		C-10 6"		1		1		✓		✓		✓		✓		✓		1237		✓		✓		✓													
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 the client for this 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Reinquinshed By:		Date: 9-10-23		Received By:		Date: 9-10-23		Time: 0945		Sample Condition		CHECKED BY: (Initials)		REMARKS: pg-1-a																					
Delivered By: (Circle One)		#113		Cool		Intact		Yes		No		Yes		No																							
Sampler - UPS - Bus - Other:		1.7c / 1.1c		No		No		No		No		No		No																							

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



CARDINAL
Laboratories

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: Nathan Rose					
FOR LAB USE ONLY					
Lab I.D.					
Sample I.D.					
H2364d					
C-11 6"	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	DATE	TIME
C-12 6"			WASTEWATER	CL	BTEX
C-13 6"			SOIL	TPH	
C-14 6"			OIL		
C-15 6"			SLUDGE		
			OTHER :		
			ACID/BASE:		
			ICE / COOL		
			OTHER :		
			PRESERV.	SAMPLING	
			Fax #:		
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 the client for the 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 90 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.					
Relinquished By: [Signature] Date: 8-16-03 Received By: [Signature]					
Time: 0945 Date: [Blank] Received By: [Blank]					
Delivered By: (Circle One)					
Cool Intact Sample Condition Checked BY: Y					
Yes Yes No No Add'l Phone #: 742.212					
Fax Result: Yes No Add'l Fax #:					
REMARKS:					



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".

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)

BTX 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 BTX	<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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 0.5-1' (H225290-04)

BTX 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 BTX	<0.300	0.300	11/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, SM4500CI-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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, SM4500CI-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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 2' (H225290-08)

BTX 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 BTX	<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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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:	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)

BTX 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 BTX	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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, 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*	<10.0	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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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, SM4500Cl-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

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: 11/09/2022
Reported: 11/15/2022
Project Name: SWEETNESS 30
Project Number: 700477.001.01
Project Location: HARVEST CRUDE - LEA CO NM

Sampling Date: 11/04/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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

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

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.

A handwritten signature in black ink, appearing to read "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. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: D. Adkins		Company:					
Address: 408 W. Texas Ave		Attn:					
City: Artesia		State: NM zip: 88210					
Phone #: 575.746.8768		Fax #:					
Project #: 700477.001.01		Project Owner: Harvest Crude					
Project Name: Sweetness 30		City:					
Project Location: Lea County, NM		State:					
Sample Name: M. Gomez		Phone #:					
		Fax #:					

FOR LAB USE ONLY		MATRIX		PRESERV	SAMPLING		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL
							SLUDGE
							OTHER :
							ACID/BASE:
							ICE / COOL
							OTHER :
							DATE
							TIME
4125390	S-1 0.5-1'	6	1				10:01
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'						11:20
16	S-4 0-1'						

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 11/12/20	Received By:	Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Matthew Gomez	Time: 1430	Shadique	Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Time:			REMARKS:			
Delivered By: (Circle One)	0.75 (C-O-G)	Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:	0.12 #113	Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	(Initials)			
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	802			

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



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

[illegible]

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