

Incident ID	nAPP2203328692
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Dale Woodall

Title: Environmental Professional

Signature: Dale Woodall

Date: 1/3/2023

email: Dale.Woodall@dnv.com

Telephone: 575.748.1838

OCD OnlyReceived by: Jocelyn Harimon Date: 01/03/2023☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

talonlpe.com • 866.742.0742



Deferment Request

Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP2203328692

Prepared For:

Devon Energy Production Company
6488 Seven Rivers Highway
Artesia, NM 88210

Prepared By:

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

December 14, 2022



Jennifer Nobui

NMOCD

5200 Oakland Avenue N E Suite 100
Albuquerque, New Mexico 87113

Subject: **Deferment Request**
Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP2203328692

Ms. Nobui,

Devon Energy Production Company (Devon) contracted Talon/LPE (Talon) to complete remediation and closure activities at the above referenced location. The results of the remediation and final data for deferment are provided herein.

Site Information

The Mean Green 23 CTB 2 is located approximately 15.4 miles southwest of Jal, New Mexico. The legal location for this release is Unit Letter I, Section 23, Township 26 South and Range 34 East in Lea County, New Mexico. The latitude and longitude for the site is 32.026439 and -103.435679. 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 soils in the area are made up of Pyote and Maljamar fine sands complex with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology consists of eolian and piedmont deposits, Holocene to middle Pleistocene in age. Drainage courses in this area are typically well drained.

Groundwater and Site Characterization

Based on New Mexico Office of the State Engineer Database, the nearest reported groundwater depth is 160 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 indicates that the site is located in a non-karst area. See [Appendix II](#) for the site characterization data.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred in an area where the groundwater is less than 50 feet bgs in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

Approximate Depth to Groundwater	160 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

Because the release occurred in a production area (well pad) but the depth to groundwater could not be confirmed within a 0.5-mile radius of the site, the clean-up criteria for this site is as follows.

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 February 1, 2022 approximately 14.46 barrels (bbls) of produced water were discharged onto the well pad due to a water line leak on a separator vessel. A vacuum truck was dispatched and five (5) bbls of produced water were recovered from the area. The release was reported to the NMOCD and was assigned incident # nAPP2203328692.

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 February 8, 2022, soil samples were collected from the site at five (5) locations and three (3) surface background samples. All samples were transported via chain of custody to Cardinal Laboratories, for analysis of Total Chlorides (SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B).

Results from the initial sampling event are presented on the following data table and the complete laboratory reports can be found in [Appendix V](#). Sample locations are shown on the attached Figure 1 in [Appendix I](#).

Table I
Site Assessment Analytical Data

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 combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1	2/8/2022	0-1'	ND	ND	ND	ND	ND	0	11200
S-1	2/8/2022	2' R	ND	ND	ND	ND	ND	0	4720
S-2	2/8/2022	0-1'	ND	ND	ND	ND	ND	0	6560
S-2	2/8/2022	2'	ND	ND	ND	ND	ND	0	256
S-2	2/8/2022	3'	ND	ND	ND	ND	ND	0	144
S-2	2/8/2022	4'	ND	ND	ND	ND	ND	0	288
S-3	2/8/2022	0-1'	ND	ND	ND	ND	ND	0	12100
S-3	2/8/2022	2'	ND	ND	ND	ND	ND	0	10900
S-3	2/8/2022	3'	ND	ND	ND	ND	ND	0	832
S-3	2/8/2022	4'	ND	ND	ND	ND	ND	0	544
S-4	2/8/2022	0-1'	ND	ND	ND	ND	ND	0	8800
S-4	2/8/2022	2'	ND	ND	ND	ND	ND	0	400
S-4	2/8/2022	3'	ND	ND	ND	ND	ND	0	224
S-4	2/8/2022	4'	ND	ND	ND	ND	ND	0	480
S-5	2/8/2022	0-1'	ND	ND	ND	ND	ND	0	4000
S-5	2/8/2022	2'	ND	ND	ND	ND	ND	0	288
S-5	2/8/2022	3'	ND	ND	ND	ND	ND	0	224
S-5	2/8/2022	4'	ND	ND	ND	ND	ND	0	96

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 combined = 100 mg/kg			100 mg/kg	600 mg/kg
BG-1	2/8/2022	0'	ND	ND	ND	ND	ND	0	48
BG-2	2/8/2022	0'	ND	ND	ND	ND	ND	0	48
BG-3	2/8/2022	0'	ND	ND	ND	ND	ND	0	48
R = Refusal BG = Background Sample ND = Analyte Not Detected									

Remediation Activities

Upon client authorization, excavation activities began on May 31, 2022, and continued through June 7, 2022. Based upon initial assessment data, the spill footprint was to be machine excavated to a depth of 3-4 feet around the separator involving the release, a 1-foot mechanical removal on the eastern and western portions, and completed using hand tools for a 1-foot removal in the area of S-1.

The immediate area around the release point (S-1, source sample location) was determined to be an area of deferment based on the proximity of existing infrastructure as the excavation could not be advanced further due to safety concerns (Figure 1). Vertical delineation was achieved from the assessment point S-1 at 4 feet bgs (sample S-1A, Figure 2, Data Table 2). The impacted area in the vicinity of sample location S-16 was machine excavated to a depth of 4 feet bgs with impacted soil removed, but was not excavated further due to safety concerns regarding the structural integrity of the existing infrastructure. However, sample location S-16 was vertically delineated to a depth of 6 feet bgs (Data Table 2). Following the initial removal of impacted soils, Talon gridded the area into 200 square feet intervals or less for composite sampling. The five (5) point composite sample collected from the area of S-16 at 4 feet bgs had an approximate chloride field screening concentration of 1,503 mg/kg. Sampling at S-16 was advanced to a depth of 4.5 feet bgs and a field composite sample was collected and screened. The chloride concentration was approximately 1,148 mg/kg at 4.5 feet bgs based on field titration data. A vertical delineation sample at 6 feet bgs was collected and sent to the laboratory to confirm the vertical extent of impacts within the deferment area (S-16 @ 6', Data Table 2).

Final confirmation samples were collected on June 13, 2022 to confirm that NMOCD closure criteria had been met for all areas outside of the deferment area, the results of which can be found in the following data table. Confirmation sample locations and excavation dimensions can be found on the confirmation sample map, Figure 2 in [Appendix I](#).

All samples were transported via chain of custody to Eurofins Laboratories Inc., for analysis of Total Chlorides (EPA Method 300.0), Total Petroleum Hydrocarbons (TPH, EPA Method 8015B NM) and Volatile Organics (BTEX, EPA

Method 8021B). Complete laboratory reports for the remediation efforts are attached in [Appendix V](#) and summarized in the following data table.

Table 2
Site Closure Analytical Data

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-1A 4'	6/6/2022	4'	0.00173	ND	ND	ND	ND	-	128
S-6	6/6/2022	4'	0.00221	ND	28.7	ND	ND	28.7	45.9
S-7	6/6/2022	4'	0.00197	ND	ND	ND	ND	-	68.9
S-8	6/7/2022	4.5'	ND	ND	18	96.9	ND	115	67.6
S-8	6/13/2022	4.5'	ND	ND	ND	ND	ND	ND	74.7
S-9	6/6/2022	4'	0.00199	ND	ND	ND	ND	-	174
S-10	6/7/2022	1'	0.00334	ND	ND	ND	ND	-	30.2
S-11	6/7/2022	1'	0.00554	ND	16.9	ND	ND	16.9	21.3
S-12	6/7/2022	1'	ND	ND	ND	ND	ND	-	14.6
S-13	6/7/2022	1'	0.0101	0.000709	15.6	ND	ND	15.6	152
S-14	6/7/2022	1'	0.00176	ND	ND	ND	ND	-	13.2
S-15	6/6/2022	4'	0.00119	ND	ND	ND	ND	-	226
S-16 6'	6/7/2022	6'	ND	ND	ND	ND	ND	-	13
S-17	6/7/2022	4'	ND	ND	ND	ND	ND	-	205
S-18	6/7/2022	3'	ND	ND	ND	ND	ND	-	340
S-19	6/7/2022	1'	ND	ND	ND	ND	ND	-	460
S-20	6/7/2022	1'	0.00111	ND	ND	ND	ND	-	76.7
S-21	6/7/2022	1'	0.0018	ND	ND	ND	ND	-	33.3
NSW-1	6/7/2022	1'	ND	ND	ND	ND	ND	-	14.2

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
NSW-2	6/7/2022	1'	ND	ND	ND	ND	ND	-	221
ESW-1	6/7/2022	1'	ND	ND	ND	ND	ND	-	28.9
SSW-1	6/7/2022	1'	ND	ND	27.3	ND	ND	27.3	9.95
SSW-2	6/7/2022	1'	ND	ND	ND	ND	ND	-	87.9
SSW-3	6/7/2022	4'	ND	ND	ND	ND	ND	-	22.9
SSW-4	6/7/2022	1'	ND	ND	ND	ND	19.1	19.1	82.8
SSW-5	6/7/2022	1'	ND	ND	ND	ND	ND	-	67.4
WSW-1	6/7/2022	1'	ND	ND	ND	ND	ND	-	21.6
ND = Analyte Not Detected NSW = North Side Wall ESW = East Side Wall SSW = South Side Wall WSW = West Side Wall									

Remedial Action Summary

- The remaining impacted soil at sample points S-1 and S-16 will need to be deferred.
- The impacted area in the vicinity of S-1 was vertically delineated to a depth of 4 feet bgs but could not be excavated due to accessibility and infrastructure presence.
- The impacted area in the vicinity of sample S-16 was excavated to 4 feet bgs but could not be accessed for further excavation due to safety and structural integrity concerns and therefore remains in place. This area was delineated to a depth of 6 feet bgs and is adjacent to existing infrastructure. No samples from the surface to 4.5 feet bgs were collected during the excavation of S-16 since initial site assessment data indicated a removal of 3-4 feet of impacted soil would be required during remediation of this area.
- The impacted areas on location were excavated to depths of 1 to 4.5 feet bgs. Talon field titrated soil samples for total chlorides to guide the vertical and horizontal extents of the excavation process.
- 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 other areas outside of deferment had 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.
- Approximately 596 cubic yards of excavated material was transported to R360, a NMOCD approved solid waste disposal facility.
- Photographic documentation is provided in [Appendix IV](#).
- Copies of the Final C-141s are presented in [Appendix III](#).

Deferment Request

Based upon the completed remedial actions and confirmation sampling results, on behalf of Devon Energy Production Company we respectfully request that no further actions be required until facility closure for the deferment area.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

Talon/LPE

Kayla Taylor

Digitally signed by Kayla Taylor
DN: cn=Kayla Taylor, o=Talon/LPE,
ou=Project Manager,
email=ktaylor@talonlpe.com, c=US
Date: 2022.12.30 13:20:07 -06'00'

Kayla Taylor
Project Manager

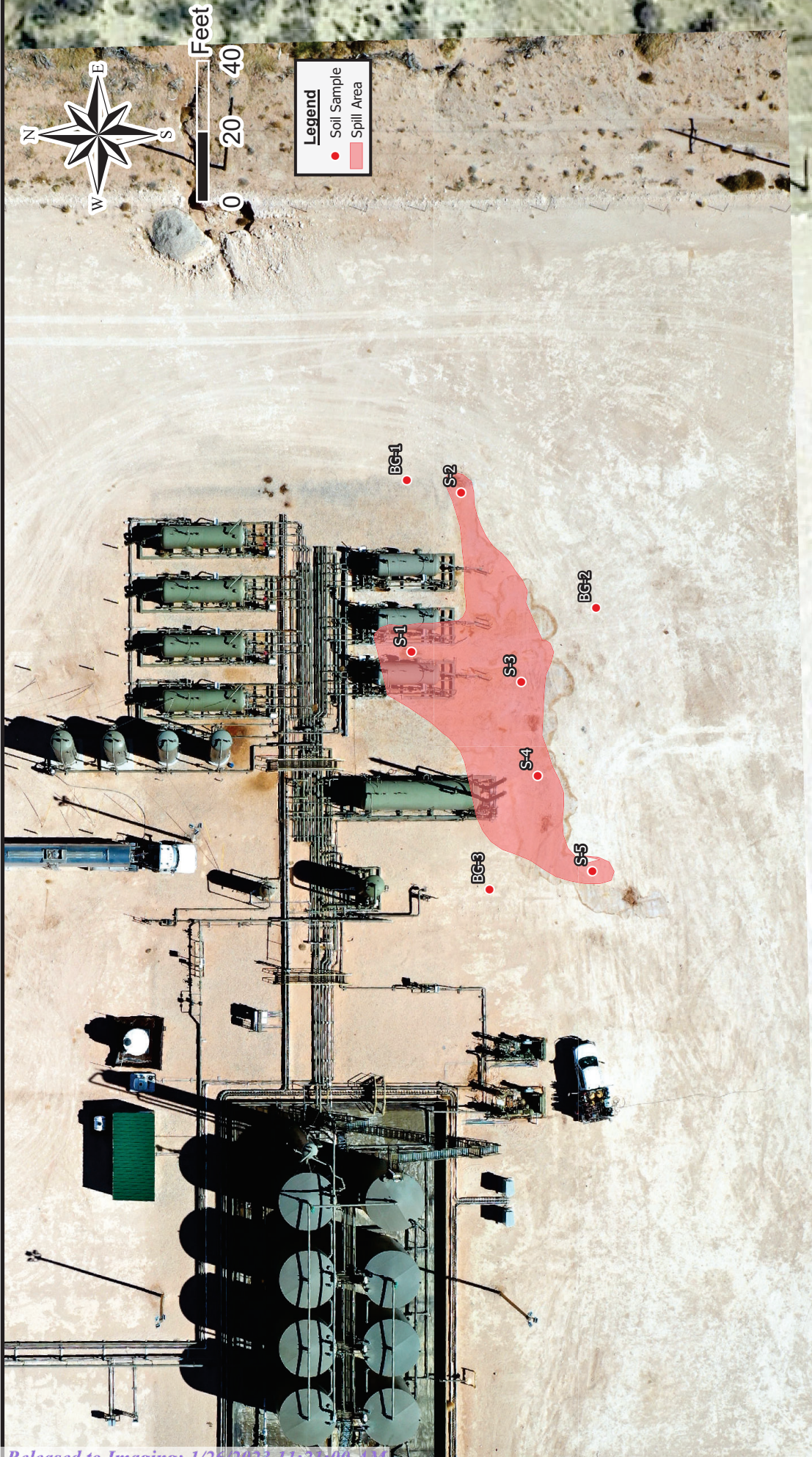
Attachments:

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



Appendix I

Site Maps



Devon Energy Production Company
Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP2203328692
Figure 1 - Site Assessment Map

Drafted: 6/22/2022
1 in = 40 ft
Drafted By: JAI





Devon Energy Production Company
Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP22032328692
Figure 2 - Confirmation Sample Map

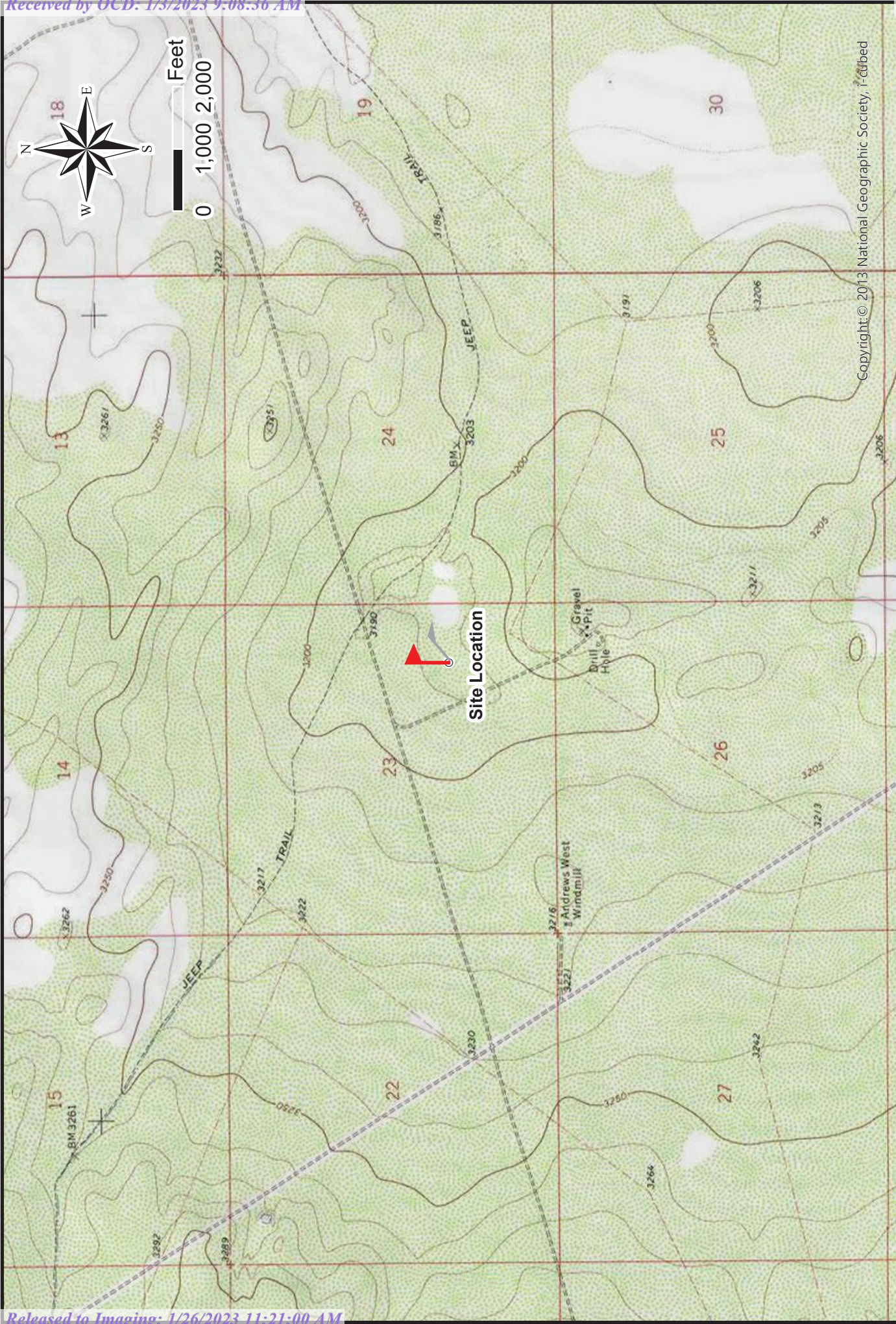
Drafted: 6/22/2022
1 in = 30 ft
Drafted By: JAI



Devon Energy Production Company
Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP2203328692
Figure 3 - Site Location Map

Drafted: 6/21/2022
1 in = 2,000 ft
Drafted By: JAI





Devon Energy Production Company
Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP2203328692
Figure 4 - Topographic Map

Drafted: 6/21/2022
1 in = 2,000 ft
Drafted By: JAI





Devon Energy Production Company
Mean Green 23 CTB 2
Lea County, New Mexico
Incident # nAPP2203328692
Figure 5 - Karst Map

Drafted: 6/22/2022
1 in = 500 ft
Drafted By: JAI





Appendix II

Groundwater and Soil Data

FEMA Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	220	160	60
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	200	140	60
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	250		
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	251		

Average Depth to Water: **150 feet**

Minimum Depth: **140 feet**

Maximum Depth: **160 feet**

Record Count: 4

PLSS Search:

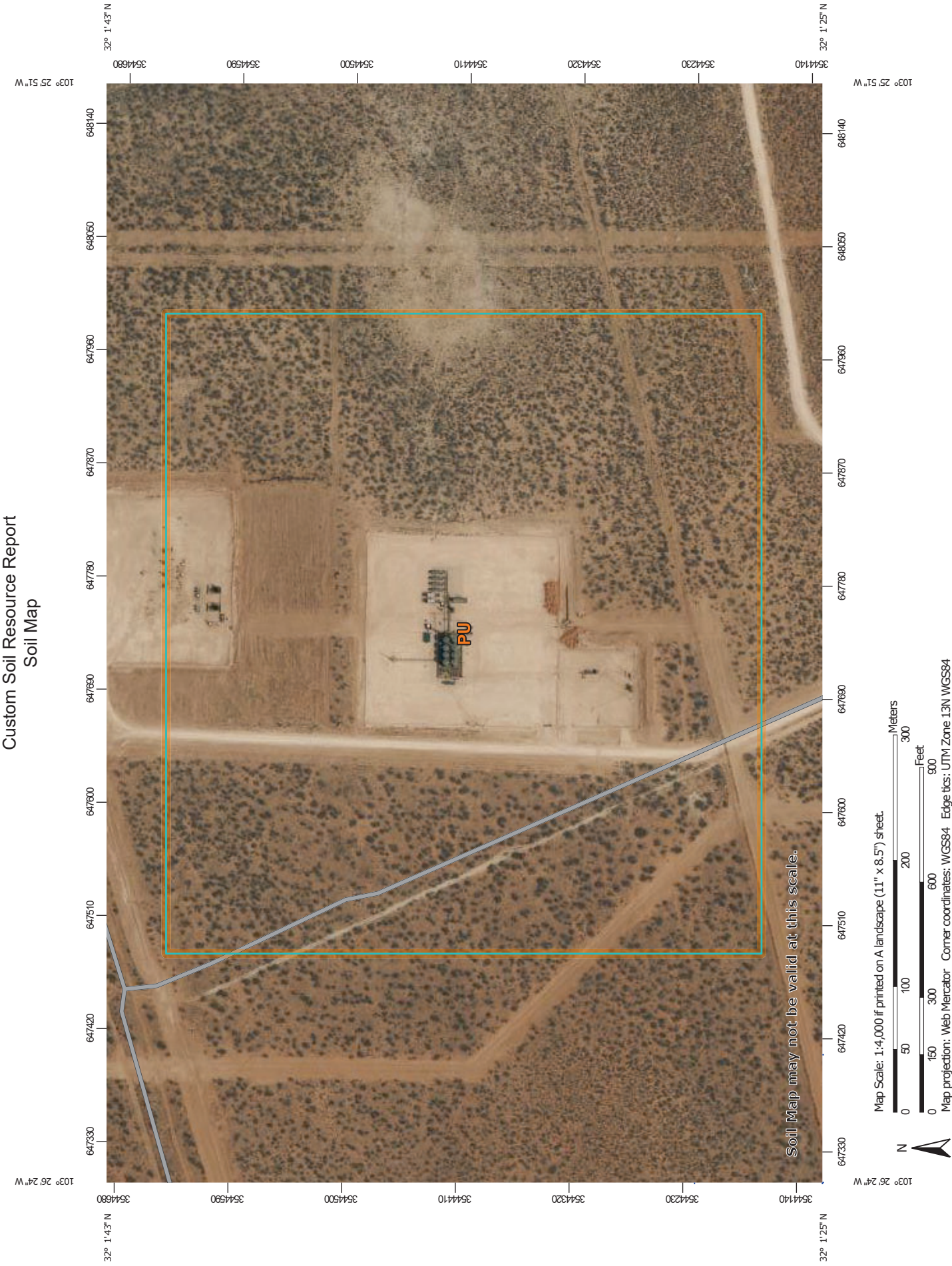
Township: 26S **Range:** 34E

*UTM location was derived from PLSS - see Help

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.

2/4/22 11:10 AM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



Custom Soil Resource Report

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

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

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 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: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Custom Soil Resource Report

Description of Maljamar**Setting**

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam

Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very low

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: 5 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: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Minor Components**Kermit**

Percent of map unit: 10 percent

Ecological site: R042XC022NM - Sandhills

Hydric soil rating: No

National Flood Hazard Layer FIRMette

Released to Imaging: 1/26/2023 11:21:00 AM



Received by OCD: 1/18/2023 9:08:36 AM

Legend

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

Without Base Flood Elevation (BFE)
Zone A, V, A99

With BFE or Depth
Zone AE, AO, AH, VE, AP

Regulatory Floodway

SPECIAL FLOOD HAZARD AREAS

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
Zone X

Future Conditions 1% Annual Chance Flood Hazard
Zone X

Area with Reduced Flood Risk due to Levee. See Notes.
Zone X

Area with Flood Risk due to Levee
Zone X

OTHER AREAS OF FLOOD HAZARD

NO SCREEN

Area of Minimal Flood Hazard
Zone X

Effective LOMRs

Area of Undetermined Flood Hazard
Zone D

OTHER AREAS

Cross Sections with 1% Annual Chance Water Surface Elevation

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

OTHER FEATURES

Digital Data Available

No Digital Data Available

Unmapped

MAP PANELS

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 **2/3/2022 at 5:25 PM** 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 Forms

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	nAPP2203328692
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.026439 Longitude -103.435679
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mean Green 23 CTB 2	Site Type Oil
Date Release Discovered 02/01/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	23	26S	34E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 14.46 BBLS	Volume Recovered (bbls) 5 BBLS
	Is the concentration of total dissolved solids (TDS) 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 Leak developed on 3 phase separator.

Incident ID	nAPP2203328692
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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 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: Spill was not in containment.	
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: Kendra DeHoyos	Title: EHS Associate
Signature: <u>Kendra DeHoyos</u>	Date: <u>2/15/2022</u>
email: <u>Kendra.Ruiz@dvn.com</u>	Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>3541.218</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>147.551</u>
Barrels of Soil Impacted	<u>26.30</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>3.95</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	3.95
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>3541.218</u>	<u>0.200</u>
Standing fluid	<u>10.521</u>
<u>Total fluids spilled</u>	<u>14.466</u>

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2203328692
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Dale Woodall

Title: Environmental Professional

Signature: Dale Woodall

Date: 1/3/2023

email: Dale.Woodall@dvn.com

Telephone: 575.748.1838

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral ApprovedSignature: Jennifer NobuiDate: 01/26/2023

X

Kayla Taylor

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Thursday, June 9, 2022 10:26 AM
To: Kayla Taylor
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] Confirmation Sampling Incident nAPP2203328692

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

Kayla

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.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Thursday, June 9, 2022 7:59 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: Fw: [EXTERNAL] Confirmation Sampling Incident nAPP2203328692

From: Kayla Taylor <ktaylor@talonlpe.com>
Sent: Wednesday, June 8, 2022 1:36 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Subject: [EXTERNAL] Confirmation Sampling Incident nAPP2203328692

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

Confirmation sampling of the Mean Green 23 CTB 2; Incident nAPP2203328692 will be performed on Monday, June 13, 2022.

Let me know if there are any questions.

Kayla Taylor
Project Manager
Office: 432.522.2133 x
Direct: 432.210.5443
Cell: 432.210.5443
Fax: 432.522.2180
Emergency: 866.742.0742
Web: www.talonlpe.com

Kayla Taylor

From: Woodall, Dale <Dale.Woodall@dmv.com>
Sent: Tuesday, November 15, 2022 1:20 PM
To: David J. Adkins; Kayla Taylor
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 151370

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

The Mean Green 23 CTB 2; incident nAPP2203328692.

Dale Woodall
Environmental Professional
Hobbs, NM
Office: 575-748-1838
Mobile: 405-318-4697
Dale.Woodall@dmv.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, November 15, 2022 12:18 PM
To: Woodall, Dale <Dale.Woodall@dmv.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 151370

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2203328692, for the following reasons:

- **Closure Report Denied. Consider a deferral request for this release. If a deferral request is submitted, please ensure delineation data for S-16 from 0-6' is provided so OCD can document what would be left in place.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 151370. Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-470-3407
Jennifer.Nobui@emnrd.nm.gov

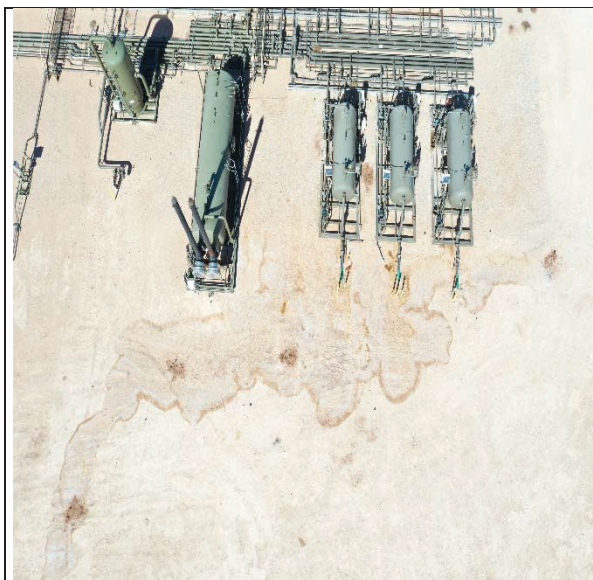
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



Appendix IV

Photographic Documentation

**Photograph No.1 Description:**

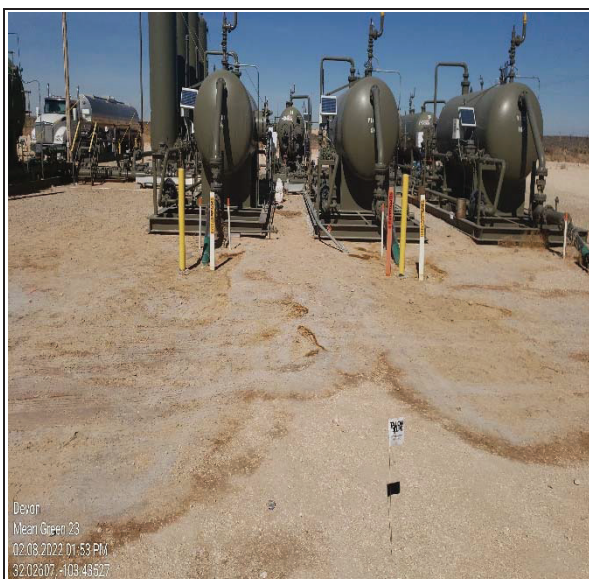
Aerial overview of release area.

**Photograph No.2 Description:**

View of release area.

**Photograph No.3 Description:**

View of release area.

**Photograph No.4 Description:**

View of release area.



Closure Report
Devon Energy Production Company, Mean Green 23 CTB 2



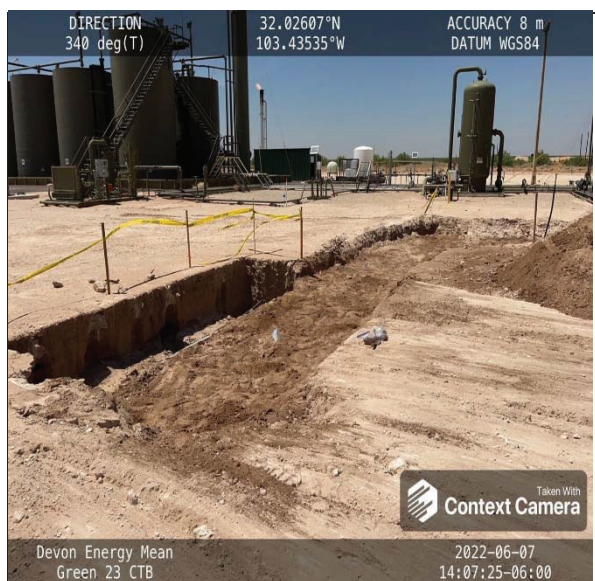
Photograph No.5 Description:

Excavation area



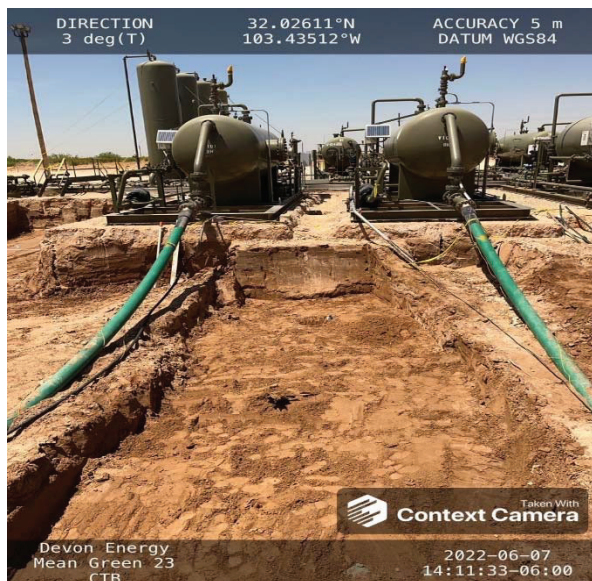
Photograph No.6 Description:

Excavation area



Photograph No.7 Description:

Excavation area



Photograph No.8 Description:

Excavation area

**Photograph No.9 Description:**

Backfilled excavation

**Photograph No.10 Description:**

Backfilled excavation

**Photograph No.11 Description:**

Backfilled excavation

**Photograph No.12 Description:**

Backfilled excavation



Appendix V

Laboratory Analytical Data



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

February 14, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MEAN GREEN 23 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 02/09/22 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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
 REBECCA PONS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 1 0-1' (H220510-01)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	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	11200	16.0	02/11/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 1 2' R (H220510-02)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTX	<0.300	0.300	02/11/2022	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	4720	16.0	02/11/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 2 0-1' (H220510-03)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTX	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6560	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 2 2' (H220510-04)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 2 3' (H220510-05)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	144	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 2 4' (H220510-06)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	288	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 3 0-1' (H220510-07)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTX	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	12100	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 3 2' (H220510-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTEx	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10900	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	192	95.9	200	10.7	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	213	107	200	0.258	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 3 3' (H220510-09)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	832	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 3 4' (H220510-10)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	544	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 4 0-1' (H220510-11)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTX	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 4 2' (H220510-12)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	400	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 4 3' (H220510-13)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTEx	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	224	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 4 4' (H220510-14)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	480	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 5 0-1' (H220510-15)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTEX	<0.300	0.300	02/11/2022	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	4000	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19		
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61		
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND						

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 5 2' (H220510-16)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75		
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27		
Total BTEx	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/11/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 5 3' (H220510-17)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2022	ND	2.05	103	2.00	2.75	
Toluene*	<0.050	0.050	02/11/2022	ND	2.02	101	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	2.03	101	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.24	104	6.00	2.27	
Total BTX	<0.300	0.300	02/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	224	16.0	02/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: S - 5 4' (H220510-18)

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	02/11/2022	ND	2.01	100	2.00	5.52		
Toluene*	<0.050	0.050	02/11/2022	ND	1.98	98.9	2.00	9.84		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	1.96	97.8	2.00	8.14		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.09	101	6.00	8.58		
Total BTEX	<0.300	0.300	02/11/2022	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	96.0	16.0	02/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: BG - 1 0' (H220510-19)

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	02/11/2022	ND	2.01	100	2.00	5.52		
Toluene*	<0.050	0.050	02/11/2022	ND	1.98	98.9	2.00	9.84		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	1.96	97.8	2.00	8.14		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.09	101	6.00	8.58		
Total BTEX	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: BG - 2 0' (H220510-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/11/2022	ND	2.01	100	2.00	5.52		
Toluene*	<0.050	0.050	02/11/2022	ND	1.98	98.9	2.00	9.84		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	1.96	97.8	2.00	8.14		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.09	101	6.00	8.58		
Total BTEX	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	02/11/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	MEAN GREEN 23 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	700794.368.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON ENERGY - LEA CO NM		

Sample ID: BG - 3 0' (H220510-21)

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	02/11/2022	ND	2.01	100	2.00	5.52		
Toluene*	<0.050	0.050	02/11/2022	ND	1.98	98.9	2.00	9.84		
Ethylbenzene*	<0.050	0.050	02/11/2022	ND	1.96	97.8	2.00	8.14		
Total Xylenes*	<0.150	0.150	02/11/2022	ND	6.09	101	6.00	8.58		
Total BTX	<0.300	0.300	02/11/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/11/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2022	ND	248	124	200	3.19	
DRO >C10-C28*	<10.0	10.0	02/12/2022	ND	234	117	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/12/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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.
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



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		BILL TO										ANALYSIS REQUEST									
Project Manager: R. Pons		P.O. #:		Company:																	
Address: 408 W. Texas Ave				Attn:																	
City: Artesia				Address:																	
State: NM				City:																	
Zip: 88210				State:																	
Phone #: 575.746.8768				Phone #:																	
Fax #:				Fax #:																	
Project #: 700794.368.01				Project Owner: Devon																	
Project Name: Mean Green 23 CTB 2				City:																	
Project Location: Lea County, NM				State:																	
Zip:				Zip:																	
Phone #:				Phone #:																	
Fax #:				Fax #:																	
Sampler Name: J. Carnes, M. Gomez																					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING															

[illegible]

PLEASE NOTE: Liability and Damages. Contractor's liability and client's exclusions remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid for the claim for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Contractor within 30 days after completion of the applicable service. In no event shall Contractor be liable for individual 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 performed by Contractor. Indemnification of Contractor and client is based solely on the above stated terms and conditions.

Reimquished By: _____ Date: _____ Received By: _____

Date: 8-9-22		Received By: [Signature]	
Time: 1:345			
Date: 1/345		Received By: [Signature]	
Time:			
Relinquished By: _____			
Relinquished By: _____			
REMARKS:			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____			
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____			
Email results to mgomez@talanpc.com and jgomez@talanpc.com			

Delivered By: (Circle One)	37052-0.50	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	3.20 #113	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
		Yes <input type="checkbox"/> Yes <input type="checkbox"/>	
		No <input type="checkbox"/> No <input type="checkbox"/>	YD

Page 1 of 3

† 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: R. Pons						
Address: 408 W. Texas Ave						
City: Artesia						
State: NM Zip: 88210						
Phone #: 575.746.8768 Fax #:						
Project #: 700794.368.01 Project Owner: Devon						
Project Name: Mean Green 23 CTB 2						
Project Location: Lea County, NM						
Sampler Name: J. Carnes, M. Gomez						
FOR LAB USE ONLY						
MATRIX	P.O. #:	BILL TO				
PREPARED BY	COMPANY:	ANALYSIS REQUEST				
SAMPLE NO.	ATTN:					
	ADDRESS:					
	CITY:					
	STATE:					
	ZIP:					
	PHONE #:					
	FAX #:					

FOR LAB USE ONLY						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE TIME
H220510						
11	S-4 0-1'	C	1	X	X	2/8/22 10:27
12	S-4 2'					10:30
13	S-4 3'					10:33
14	S-4 4'					10:36
15	S-5 0-1'					10:39
16	S-5 2'					10:42
17	S-5 3'					10:45
18	S-5 4'					10:48
19	BG-1 0'					12:00
20	BG-2 0'					12:05
				chloride		
				TPH		
				BTEX		

Reimbursement By: _____ **Date:** _____ **Received By:** _____

Relinquished By:		Date: 8-9-88		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 1:45		Time: 1:45		[Signature]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
Time:		Time:		[Signature]					

Delivered By: (Circle One)	3-76	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	0-056	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	(Initials)
	2-047	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

† 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		BILL TO		ANALYSIS REQUEST	
Project Manager: R. Pons		P.O. #:			
Address: 408 W. Texas Ave		Company:			
City: Artesia		Attn:			
State: NM zip: 88210		Address:			
Phone #: 575.746.8768		City:			
Fax #: 700794.368.01		State:			
Project #: 700794.368.01		Zip:			
Project Name: Mean Green 23 CTB 2		Phone #:			
Project Location: Lea County, NM		Fax #:			
Sampler Name: J. Carnes, M. Gomez					

FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D. H220510 21	Sample I.D. BG-3 0'	(G)RAB OR (C)OMP.		DATE		TIME	
		# CONTAINERS		2/9/22		12:10	
		GROUNDWATER		X		X	
		WASTEWATER		X		X	
		SOIL		X		X	
		OIL		X		X	
SLUDGE		OTHER :		ACID/BASE:		ICE / COOL	
OTHER :		X		OTHER :		X	

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 remedies or otherwise.	
Relinquished By: _____ Date: 2-9-22 Time: 1:34 PM Received By: _____ Date: _____ Time: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: _____ REMARKS: _____

Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ 3.7c 0-0.5c 3.2c #113 Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked BY: _____ (Initials) T-0	Page 3 of 3
--	-------------



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-15608-1

Laboratory Sample Delivery Group: Lea Co. NM
Client Project/Site: Mean Green 23 CTB 2

For:

Talon/LPE
408 W. Texas St.
Artesia, New Mexico 88210

Attn: Kayla Taylor

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
6/14/2022 12:11:47 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Laboratory Job ID: 880-15608-1
SDG: Lea Co. NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	26
QC Sample Results	28
QC Association Summary	38
Lab Chronicle	45
Certification Summary	53
Method Summary	54
Sample Summary	55
Chain of Custody	56
Receipt Checklists	59

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Job ID: 880-15608-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-15608-1

Receipt

The samples were received on 6/8/2022 8:58 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-27074 and analytical batch 880-27073 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27134 and analytical batch 880-27183 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 880-27129 and analytical batch 880-27125 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-10 (880-15608-11) and S-8 (880-15608-16). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-27131 and analytical batch 880-27127 contained Gasoline Range Organics (GRO)-C6-C10, Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27131 and analytical batch 880-27127 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-6

Lab Sample ID: 880-15608-1

Date Collected: 06/06/22 12:00

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/08/22 10:09	06/08/22 13:54	1
Toluene	0.000743	J	0.00201	0.000458	mg/Kg	-	06/08/22 10:09	06/08/22 13:54	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/08/22 10:09	06/08/22 13:54	1
m-Xylene & p-Xylene	<0.00101	U **	0.00402	0.00101	mg/Kg	-	06/08/22 10:09	06/08/22 13:54	1
o-Xylene	0.00147	J	0.00201	0.000345	mg/Kg	-	06/08/22 10:09	06/08/22 13:54	1
Xylenes, Total	0.00147	J	0.00402	0.00101	mg/Kg	-	06/08/22 10:09	06/08/22 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/08/22 10:09	06/08/22 13:54	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/08/22 10:09	06/08/22 13:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00221	J	0.00402	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.7	J	49.9	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	28.7	J	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 11:27	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 11:27	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 11:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/09/22 08:29	06/09/22 11:27	1
o-Terphenyl	99		70 - 130				06/09/22 08:29	06/09/22 11:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.9		4.98	0.855	mg/Kg	-		06/13/22 11:16	1

Client Sample ID: S-7

Lab Sample ID: 880-15608-2

Date Collected: 06/06/22 12:05

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/08/22 10:09	06/08/22 14:14	1
Toluene	0.000596	J	0.00200	0.000455	mg/Kg	-	06/08/22 10:09	06/08/22 14:14	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/08/22 10:09	06/08/22 14:14	1
m-Xylene & p-Xylene	<0.00101	U **	0.00399	0.00101	mg/Kg	-	06/08/22 10:09	06/08/22 14:14	1
o-Xylene	0.00137	J	0.00200	0.000343	mg/Kg	-	06/08/22 10:09	06/08/22 14:14	1
Xylenes, Total	0.00137	J	0.00399	0.00101	mg/Kg	-	06/08/22 10:09	06/08/22 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/08/22 10:09	06/08/22 14:14	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-7

Lab Sample ID: 880-15608-2

Date Collected: 06/06/22 12:05

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	06/08/22 10:09	06/08/22 14:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00197	J	0.00399	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 12:31	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 12:31	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/09/22 08:29	06/09/22 12:31	1
o-Terphenyl	97		70 - 130				06/09/22 08:29	06/09/22 12:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.9		5.00	0.858	mg/Kg			06/13/22 11:23	1

Client Sample ID: S-9

Lab Sample ID: 880-15608-3

Date Collected: 06/06/22 12:10

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg		06/08/22 10:09	06/08/22 14:35	1
Toluene	0.000612	J	0.00198	0.000452	mg/Kg		06/08/22 10:09	06/08/22 14:35	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg		06/08/22 10:09	06/08/22 14:35	1
m-Xylene & p-Xylene	<0.00100	U **	0.00397	0.00100	mg/Kg		06/08/22 10:09	06/08/22 14:35	1
o-Xylene	0.00138	J	0.00198	0.000341	mg/Kg		06/08/22 10:09	06/08/22 14:35	1
Xylenes, Total	0.00138	J	0.00397	0.00100	mg/Kg		06/08/22 10:09	06/08/22 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/08/22 10:09	06/08/22 14:35	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/08/22 10:09	06/08/22 14:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00199	J	0.00397	0.00100	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-9

Lab Sample ID: 880-15608-3

Date Collected: 06/06/22 12:10

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 12:52	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 12:52	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/09/22 08:29	06/09/22 12:52	1
o-Terphenyl	94		70 - 130				06/09/22 08:29	06/09/22 12:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		4.99	0.857	mg/Kg	-		06/13/22 11:31	1

Client Sample ID: S-15

Lab Sample ID: 880-15608-4

Date Collected: 06/06/22 12:15

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/08/22 10:09	06/08/22 14:56	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/08/22 10:09	06/08/22 14:56	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/08/22 10:09	06/08/22 14:56	1
m-Xylene & p-Xylene	<0.00100	U *	0.00398	0.00100	mg/Kg	-	06/08/22 10:09	06/08/22 14:56	1
o-Xylene	0.00119	J	0.00199	0.000342	mg/Kg	-	06/08/22 10:09	06/08/22 14:56	1
Xylenes, Total	0.00119	J	0.00398	0.00100	mg/Kg	-	06/08/22 10:09	06/08/22 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/08/22 10:09	06/08/22 14:56	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/08/22 10:09	06/08/22 14:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00119	J	0.00398	0.00100	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 13:13	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 13:13	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/09/22 08:29	06/09/22 13:13	1
o-Terphenyl	96		70 - 130				06/09/22 08:29	06/09/22 13:13	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-15

Date Collected: 06/06/22 12:15

Date Received: 06/08/22 08:58

Sample Depth: 4

Lab Sample ID: 880-15608-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		5.00	0.858	mg/Kg			06/13/22 11:55	1

Client Sample ID: S-1A 4'

Date Collected: 06/06/22 14:00

Date Received: 06/08/22 08:58

Sample Depth: 4

Lab Sample ID: 880-15608-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/08/22 10:09	06/08/22 15:17	1
Toluene	0.000500	J	0.00200	0.000455	mg/Kg		06/08/22 10:09	06/08/22 15:17	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/08/22 10:09	06/08/22 15:17	1
m-Xylene & p-Xylene	<0.00101	U *	0.00399	0.00101	mg/Kg		06/08/22 10:09	06/08/22 15:17	1
o-Xylene	0.00123	J	0.00200	0.000343	mg/Kg		06/08/22 10:09	06/08/22 15:17	1
Xylenes, Total	0.00123	J	0.00399	0.00101	mg/Kg		06/08/22 10:09	06/08/22 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/08/22 10:09	06/08/22 15:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/08/22 10:09	06/08/22 15:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00173	J	0.00399	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 13:35	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 13:35	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/09/22 08:29	06/09/22 13:35	1
o-Terphenyl	96		70 - 130				06/09/22 08:29	06/09/22 13:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.97	0.853	mg/Kg			06/13/22 12:03	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: NSW-2

Lab Sample ID: 880-15608-6

Date Collected: 06/07/22 12:00

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/09/22 10:05	06/09/22 12:38	1
Toluene	0.000576	J	0.00200	0.000455	mg/Kg	-	06/09/22 10:05	06/09/22 12:38	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/09/22 10:05	06/09/22 12:38	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 12:38	1
o-Xylene	0.000416	J	0.00200	0.000343	mg/Kg	-	06/09/22 10:05	06/09/22 12:38	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/09/22 10:05	06/09/22 12:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/09/22 10:05	06/09/22 12:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 13:56	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 13:56	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/09/22 08:29	06/09/22 13:56	1
o-Terphenyl	93		70 - 130				06/09/22 08:29	06/09/22 13:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		4.95	0.850	mg/Kg	-		06/13/22 12:26	1

Client Sample ID: S-21

Lab Sample ID: 880-15608-7

Date Collected: 06/07/22 12:05

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/09/22 10:05	06/09/22 12:58	1
Toluene	0.000761	J	0.00199	0.000453	mg/Kg	-	06/09/22 10:05	06/09/22 12:58	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/09/22 10:05	06/09/22 12:58	1
m-Xylene & p-Xylene	0.00104	J	0.00398	0.00100	mg/Kg	-	06/09/22 10:05	06/09/22 12:58	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/09/22 10:05	06/09/22 12:58	1
Xylenes, Total	0.00104	J	0.00398	0.00100	mg/Kg	-	06/09/22 10:05	06/09/22 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/09/22 10:05	06/09/22 12:58	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-21

Lab Sample ID: 880-15608-7

Date Collected: 06/07/22 12:05

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	06/09/22 10:05	06/09/22 12:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00180	J	0.00398	0.00100	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 14:18	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 14:18	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/09/22 08:29	06/09/22 14:18	1
o-Terphenyl	88		70 - 130				06/09/22 08:29	06/09/22 14:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.3		5.01	0.860	mg/Kg			06/13/22 12:34	1

Client Sample ID: S-20

Lab Sample ID: 880-15608-8

Date Collected: 06/07/22 12:10

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/09/22 10:05	06/09/22 13:19	1
Toluene	0.000673	J	0.00199	0.000454	mg/Kg		06/09/22 10:05	06/09/22 13:19	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/09/22 10:05	06/09/22 13:19	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		06/09/22 10:05	06/09/22 13:19	1
o-Xylene	0.000434	J	0.00199	0.000343	mg/Kg		06/09/22 10:05	06/09/22 13:19	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/09/22 10:05	06/09/22 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/09/22 10:05	06/09/22 13:19	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/09/22 10:05	06/09/22 13:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00111	J	0.00398	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			06/10/22 08:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-20

Lab Sample ID: 880-15608-8

Date Collected: 06/07/22 12:10

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 14:40	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 14:40	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/09/22 08:29	06/09/22 14:40	1
o-Terphenyl	83		70 - 130				06/09/22 08:29	06/09/22 14:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.7		4.97	0.853	mg/Kg	-		06/13/22 12:42	1

Client Sample ID: S-19

Lab Sample ID: 880-15608-9

Date Collected: 06/07/22 12:15

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg	-	06/09/22 10:05	06/09/22 13:39	1
Toluene	0.000612	J	0.00200	0.000455	mg/Kg	-	06/09/22 10:05	06/09/22 13:39	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg	-	06/09/22 10:05	06/09/22 13:39	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 13:39	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg	-	06/09/22 10:05	06/09/22 13:39	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 13:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/09/22 10:05	06/09/22 13:39	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/09/22 10:05	06/09/22 13:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 15:01	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 15:01	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/09/22 08:29	06/09/22 15:01	1
o-Terphenyl	89		70 - 130				06/09/22 08:29	06/09/22 15:01	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-19

Date Collected: 06/07/22 12:15

Date Received: 06/08/22 08:58

Sample Depth: 1'

Lab Sample ID: 880-15608-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		4.95	0.850	mg/Kg			06/13/22 12:50	1

Client Sample ID: S-18

Date Collected: 06/07/22 12:55

Date Received: 06/08/22 08:58

Sample Depth: 3

Lab Sample ID: 880-15608-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/09/22 10:05	06/09/22 13:59	1
Toluene	0.000610	J	0.00199	0.000453	mg/Kg		06/09/22 10:05	06/09/22 13:59	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/09/22 10:05	06/09/22 13:59	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		06/09/22 10:05	06/09/22 13:59	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/09/22 10:05	06/09/22 13:59	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/09/22 10:05	06/09/22 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/09/22 10:05	06/09/22 13:59	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/09/22 10:05	06/09/22 13:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 15:23	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 15:23	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/09/22 08:29	06/09/22 15:23	1
o-Terphenyl	89		70 - 130				06/09/22 08:29	06/09/22 15:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		4.98	0.855	mg/Kg			06/13/22 12:58	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-10

Lab Sample ID: 880-15608-11

Date Collected: 06/07/22 13:00

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg	-	06/09/22 10:05	06/09/22 14:20	1
Toluene	0.000931	J	0.00201	0.000458	mg/Kg	-	06/09/22 10:05	06/09/22 14:20	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg	-	06/09/22 10:05	06/09/22 14:20	1
m-Xylene & p-Xylene	0.00167	J	0.00402	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 14:20	1
o-Xylene	0.000735	J	0.00201	0.000345	mg/Kg	-	06/09/22 10:05	06/09/22 14:20	1
Xylenes, Total	0.00241	J	0.00402	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/09/22 10:05	06/09/22 14:20	1
1,4-Difluorobenzene (Surr)	83		70 - 130	06/09/22 10:05	06/09/22 14:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00334	J	0.00402	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.1		50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 16:28	1
Diesel Range Organics (Over C10-C28)	66.1	B	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 16:28	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	06/09/22 08:29	06/09/22 16:28	1
o-Terphenyl	0.02	S1-	70 - 130	06/09/22 08:29	06/09/22 16:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		4.95	0.850	mg/Kg	-		06/13/22 13:05	1

Client Sample ID: S-11

Lab Sample ID: 880-15608-12

Date Collected: 06/07/22 13:05

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg	-	06/09/22 10:05	06/09/22 14:41	1
Toluene	0.00107	J	0.00202	0.000460	mg/Kg	-	06/09/22 10:05	06/09/22 14:41	1
Ethylbenzene	0.00106	J	0.00202	0.000570	mg/Kg	-	06/09/22 10:05	06/09/22 14:41	1
m-Xylene & p-Xylene	0.00227	J	0.00403	0.00102	mg/Kg	-	06/09/22 10:05	06/09/22 14:41	1
o-Xylene	0.00114	J	0.00202	0.000347	mg/Kg	-	06/09/22 10:05	06/09/22 14:41	1
Xylenes, Total	0.00341	J	0.00403	0.00102	mg/Kg	-	06/09/22 10:05	06/09/22 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	06/09/22 10:05	06/09/22 14:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-11

Lab Sample ID: 880-15608-12

Date Collected: 06/07/22 13:05

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	06/09/22 10:05	06/09/22 14:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00554		0.00403	0.00102	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.9	J	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.9	J	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 16:50	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 16:50	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/09/22 08:29	06/09/22 16:50	1
o-Terphenyl	87		70 - 130				06/09/22 08:29	06/09/22 16:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.3		5.02	0.862	mg/Kg			06/13/22 13:13	1

Client Sample ID: S-12

Lab Sample ID: 880-15608-13

Date Collected: 06/07/22 13:10

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/09/22 10:05	06/09/22 15:01	1
Toluene	0.000665	J	0.00200	0.000455	mg/Kg		06/09/22 10:05	06/09/22 15:01	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/09/22 10:05	06/09/22 15:01	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		06/09/22 10:05	06/09/22 15:01	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/09/22 10:05	06/09/22 15:01	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/09/22 10:05	06/09/22 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/09/22 10:05	06/09/22 15:01	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/09/22 10:05	06/09/22 15:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-12

Date Collected: 06/07/22 13:10

Date Received: 06/08/22 08:58

Sample Depth: 1'

Lab Sample ID: 880-15608-13

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 17:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 17:12	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/09/22 08:29	06/09/22 17:12	1
o-Terphenyl	97		70 - 130				06/09/22 08:29	06/09/22 17:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		4.96	0.851	mg/Kg	-		06/13/22 19:21	1

Client Sample ID: S-13

Date Collected: 06/07/22 13:15

Date Received: 06/08/22 08:58

Sample Depth: 1'

Lab Sample ID: 880-15608-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000709	J	0.00200	0.000384	mg/Kg	-	06/09/22 10:05	06/09/22 17:05	1
Toluene	0.00117	J	0.00200	0.000455	mg/Kg	-	06/09/22 10:05	06/09/22 17:05	1
Ethylbenzene	0.00148	J	0.00200	0.000564	mg/Kg	-	06/09/22 10:05	06/09/22 17:05	1
m-Xylene & p-Xylene	0.00527		0.00399	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 17:05	1
o-Xylene	0.00150	J	0.00200	0.000343	mg/Kg	-	06/09/22 10:05	06/09/22 17:05	1
Xylenes, Total	0.00677		0.00399	0.00101	mg/Kg	-	06/09/22 10:05	06/09/22 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/09/22 10:05	06/09/22 17:05	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/09/22 10:05	06/09/22 17:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0101		0.00399	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.6	J	49.9	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.6	J	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 17:33	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 17:33	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/09/22 08:29	06/09/22 17:33	1
o-Terphenyl	96		70 - 130				06/09/22 08:29	06/09/22 17:33	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-13

Date Collected: 06/07/22 13:15

Date Received: 06/08/22 08:58

Sample Depth: 1'

Lab Sample ID: 880-15608-14

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		5.00	0.858	mg/Kg			06/13/22 19:44	1

Client Sample ID: S-14

Date Collected: 06/07/22 13:20

Date Received: 06/08/22 08:58

Sample Depth: 1'

Lab Sample ID: 880-15608-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/09/22 10:05	06/09/22 17:26	1
Toluene	0.000761	J	0.00199	0.000453	mg/Kg		06/09/22 10:05	06/09/22 17:26	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/09/22 10:05	06/09/22 17:26	1
m-Xylene & p-Xylene	0.00100	J	0.00398	0.00100	mg/Kg		06/09/22 10:05	06/09/22 17:26	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/09/22 10:05	06/09/22 17:26	1
Xylenes, Total	0.00100	J	0.00398	0.00100	mg/Kg		06/09/22 10:05	06/09/22 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/09/22 10:05	06/09/22 17:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/09/22 10:05	06/09/22 17:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00176	J	0.00398	0.00100	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 17:55	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 17:55	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/09/22 08:29	06/09/22 17:55	1
o-Terphenyl	93		70 - 130				06/09/22 08:29	06/09/22 17:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		4.98	0.855	mg/Kg			06/13/22 19:52	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-8

Lab Sample ID: 880-15608-16

Date Collected: 06/07/22 13:25

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4.5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg	-	06/09/22 08:57	06/10/22 04:53	1
Toluene	<0.000452	U	0.00198	0.000452	mg/Kg	-	06/09/22 08:57	06/10/22 04:53	1
Ethylbenzene	<0.000561	U	0.00198	0.000561	mg/Kg	-	06/09/22 08:57	06/10/22 04:53	1
m-Xylene & p-Xylene	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/09/22 08:57	06/10/22 04:53	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/09/22 08:57	06/10/22 04:53	1
Xylenes, Total	<0.00100	U	0.00397	0.00100	mg/Kg	-	06/09/22 08:57	06/10/22 04:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/09/22 08:57	06/10/22 04:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/09/22 08:57	06/10/22 04:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00397	0.00100	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	115		49.9	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18.0	J	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 18:23	1
Diesel Range Organics (Over C10-C28)	96.9	B	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 18:23	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	06/09/22 08:29	06/09/22 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	06/09/22 08:29	06/09/22 18:23	1
o-Terphenyl	0.03	S1-	70 - 130	06/09/22 08:29	06/09/22 18:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.6		4.97	0.853	mg/Kg	-		06/13/22 20:00	1

Client Sample ID: NSW-1

Lab Sample ID: 880-15608-17

Date Collected: 06/07/22 14:55

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/09/22 08:57	06/10/22 05:13	1
Toluene	<0.000453	U	0.00199	0.000453	mg/Kg	-	06/09/22 08:57	06/10/22 05:13	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg	-	06/09/22 08:57	06/10/22 05:13	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/09/22 08:57	06/10/22 05:13	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg	-	06/09/22 08:57	06/10/22 05:13	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg	-	06/09/22 08:57	06/10/22 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/09/22 08:57	06/10/22 05:13	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: NSW-1

Lab Sample ID: 880-15608-17

Date Collected: 06/07/22 14:55

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	06/09/22 08:57	06/10/22 05:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 18:44	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 18:44	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/09/22 08:29	06/09/22 18:44	1
o-Terphenyl	89		70 - 130				06/09/22 08:29	06/09/22 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		4.99	0.857	mg/Kg			06/13/22 20:08	1

Client Sample ID: WSW-1

Lab Sample ID: 880-15608-18

Date Collected: 06/07/22 14:58

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/09/22 08:57	06/10/22 05:34	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/09/22 08:57	06/10/22 05:34	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/09/22 08:57	06/10/22 05:34	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 08:57	06/10/22 05:34	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/09/22 08:57	06/10/22 05:34	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 08:57	06/10/22 05:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/09/22 08:57	06/10/22 05:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/09/22 08:57	06/10/22 05:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: WSW-1

Date Collected: 06/07/22 14:58

Date Received: 06/08/22 08:58

Sample Depth: 1

Lab Sample ID: 880-15608-18

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:06	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:06	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				06/09/22 08:29	06/09/22 19:06	1
o-Terphenyl	100		70 - 130				06/09/22 08:29	06/09/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.6		5.01	0.860	mg/Kg			06/13/22 20:31	1

Client Sample ID: ESW-1

Date Collected: 06/07/22 15:00

Date Received: 06/08/22 08:58

Sample Depth: 1

Lab Sample ID: 880-15608-19

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		06/09/22 08:57	06/10/22 05:54	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		06/09/22 08:57	06/10/22 05:54	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		06/09/22 08:57	06/10/22 05:54	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		06/09/22 08:57	06/10/22 05:54	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/09/22 08:57	06/10/22 05:54	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		06/09/22 08:57	06/10/22 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/09/22 08:57	06/10/22 05:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/09/22 08:57	06/10/22 05:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:28	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:28	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/09/22 08:29	06/09/22 19:28	1
o-Terphenyl	94		70 - 130				06/09/22 08:29	06/09/22 19:28	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: ESW-1

Date Collected: 06/07/22 15:00

Date Received: 06/08/22 08:58

Sample Depth: 1

Lab Sample ID: 880-15608-19

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.9		4.98	0.855	mg/Kg			06/13/22 20:39	1

Client Sample ID: SSW-5

Date Collected: 06/07/22 15:05

Date Received: 06/08/22 08:58

Sample Depth: 1

Lab Sample ID: 880-15608-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/09/22 08:57	06/10/22 06:15	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		06/09/22 08:57	06/10/22 06:15	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		06/09/22 08:57	06/10/22 06:15	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		06/09/22 08:57	06/10/22 06:15	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		06/09/22 08:57	06/10/22 06:15	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		06/09/22 08:57	06/10/22 06:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/09/22 08:57	06/10/22 06:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/09/22 08:57	06/10/22 06:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:50	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:50	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/09/22 08:29	06/09/22 19:50	1
o-Terphenyl	88		70 - 130				06/09/22 08:29	06/09/22 19:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.4		4.95	0.850	mg/Kg			06/13/22 20:47	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: SSW-4

Lab Sample ID: 880-15608-21

Date Collected: 06/07/22 15:10

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg		06/09/22 08:57	06/10/22 06:35	1
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg		06/09/22 08:57	06/10/22 06:35	1
Ethylbenzene	<0.000571	U	0.00202	0.000571	mg/Kg		06/09/22 08:57	06/10/22 06:35	1
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		06/09/22 08:57	06/10/22 06:35	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/09/22 08:57	06/10/22 06:35	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		06/09/22 08:57	06/10/22 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/09/22 08:57	06/10/22 06:35	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/09/22 08:57	06/10/22 06:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.1	J	49.9	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	49.9	15.0	mg/Kg		06/09/22 08:32	06/09/22 11:27	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/09/22 08:32	06/09/22 11:27	1
Oil Range Organics (Over C28-C36)	19.1	J B	49.9	15.0	mg/Kg		06/09/22 08:32	06/09/22 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	06/09/22 08:32	06/09/22 11:27	1
o-Terphenyl	94		70 - 130	06/09/22 08:32	06/09/22 11:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.8		4.95	0.850	mg/Kg			06/13/22 20:55	1

Client Sample ID: SSW-3

Lab Sample ID: 880-15608-22

Date Collected: 06/07/22 15:15

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		06/09/22 08:57	06/10/22 06:56	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg		06/09/22 08:57	06/10/22 06:56	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg		06/09/22 08:57	06/10/22 06:56	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		06/09/22 08:57	06/10/22 06:56	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/09/22 08:57	06/10/22 06:56	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		06/09/22 08:57	06/10/22 06:56	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: SSW-3

Lab Sample ID: 880-15608-22

Date Collected: 06/07/22 15:15

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 4'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/09/22 08:57	06/10/22 06:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/09/22 08:57	06/10/22 06:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00403	0.00102	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 12:31	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 12:31	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/09/22 08:32	06/09/22 12:31	1
o-Terphenyl	84		70 - 130				06/09/22 08:32	06/09/22 12:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.9		5.02	0.862	mg/Kg	-		06/13/22 21:03	1

Client Sample ID: SSW-2

Lab Sample ID: 880-15608-23

Date Collected: 06/07/22 15:20

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg	-	06/09/22 08:57	06/10/22 07:16	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg	-	06/09/22 08:57	06/10/22 07:16	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg	-	06/09/22 08:57	06/10/22 07:16	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/09/22 08:57	06/10/22 07:16	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg	-	06/09/22 08:57	06/10/22 07:16	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg	-	06/09/22 08:57	06/10/22 07:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/09/22 08:57	06/10/22 07:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/09/22 08:57	06/10/22 07:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: SSW-2

Date Collected: 06/07/22 15:20

Date Received: 06/08/22 08:58

Sample Depth: 1

Lab Sample ID: 880-15608-23

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 12:52	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 12:52	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/09/22 08:32	06/09/22 12:52	1
o-Terphenyl	85		70 - 130				06/09/22 08:32	06/09/22 12:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.9		5.00	0.858	mg/Kg	-		06/13/22 21:11	1

Client Sample ID: SSW-1

Date Collected: 06/07/22 15:25

Date Received: 06/08/22 08:58

Sample Depth: 1

Lab Sample ID: 880-15608-24

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg	-	06/09/22 08:57	06/10/22 07:37	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg	-	06/09/22 08:57	06/10/22 07:37	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg	-	06/09/22 08:57	06/10/22 07:37	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/09/22 08:57	06/10/22 07:37	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg	-	06/09/22 08:57	06/10/22 07:37	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg	-	06/09/22 08:57	06/10/22 07:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/09/22 08:57	06/10/22 07:37	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/09/22 08:57	06/10/22 07:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.3	J	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.3	J B *1	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 13:13	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 13:13	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/09/22 08:32	06/09/22 13:13	1
o-Terphenyl	95		70 - 130				06/09/22 08:32	06/09/22 13:13	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: SSW-1

Lab Sample ID: 880-15608-24

Date Collected: 06/07/22 15:25

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.95		4.97	0.853	mg/Kg			06/13/22 21:34	1

Client Sample ID: S-16 6'

Lab Sample ID: 880-15608-25

Date Collected: 06/07/22 15:30

Matrix: Solid

Date Received: 06/08/22 08:58

Sample Depth: 6

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		06/09/22 08:57	06/10/22 09:27	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		06/09/22 08:57	06/10/22 09:27	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		06/09/22 08:57	06/10/22 09:27	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		06/09/22 08:57	06/10/22 09:27	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		06/09/22 08:57	06/10/22 09:27	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		06/09/22 08:57	06/10/22 09:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/09/22 08:57	06/10/22 09:27	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/09/22 08:57	06/10/22 09:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	50.0	15.0	mg/Kg		06/09/22 08:32	06/09/22 13:35	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:32	06/09/22 13:35	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:32	06/09/22 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/09/22 08:32	06/09/22 13:35	1
o-Terphenyl	88		70 - 130				06/09/22 08:32	06/09/22 13:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		4.99	0.857	mg/Kg			06/13/22 21:42	1

Client Sample ID: S-17

Lab Sample ID: 880-15608-26

Date Collected: 06/07/22 15:25

Matrix: Solid

Date Received: 06/08/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		06/09/22 08:57	06/10/22 09:48	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-17

Lab Sample ID: 880-15608-26

Date Collected: 06/07/22 15:25

Matrix: Solid

Date Received: 06/08/22 08:58

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg	-	06/09/22 08:57	06/10/22 09:48	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg	-	06/09/22 08:57	06/10/22 09:48	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg	-	06/09/22 08:57	06/10/22 09:48	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg	-	06/09/22 08:57	06/10/22 09:48	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg	-	06/09/22 08:57	06/10/22 09:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/09/22 08:57	06/10/22 09:48	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/09/22 08:57	06/10/22 09:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg	-		06/08/22 17:38	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg	-		06/10/22 08:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 13:56	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 13:56	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg	-	06/09/22 08:32	06/09/22 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/09/22 08:32	06/09/22 13:56	1
o-Terphenyl	87		70 - 130	06/09/22 08:32	06/09/22 13:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205		4.95	0.850	mg/Kg	-		06/13/22 22:06	1

Surrogate Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-15608-1	S-6	104	102
880-15608-2	S-7	99	102
880-15608-3	S-9	98	101
880-15608-4	S-15	105	96
880-15608-5	S-1A 4'	103	92
880-15608-6	NSW-2	108	96
880-15608-6 MS	NSW-2	122	95
880-15608-6 MSD	NSW-2	108	106
880-15608-7	S-21	104	94
880-15608-8	S-20	110	97
880-15608-9	S-19	107	92
880-15608-10	S-18	109	87
880-15608-11	S-10	108	83
880-15608-12	S-11	77	104
880-15608-13	S-12	104	95
880-15608-14	S-13	110	90
880-15608-15	S-14	106	98
880-15608-16	S-8	110	100
880-15608-17	NSW-1	111	102
880-15608-18	WSW-1	112	100
880-15608-19	ESW-1	109	99
880-15608-20	SSW-5	104	99
880-15608-21	SSW-4	111	102
880-15608-22	SSW-3	106	100
880-15608-23	SSW-2	111	97
880-15608-24	SSW-1	112	102
880-15608-25	S-16 6'	110	102
880-15608-26	S-17	110	91
880-15615-A-9-C MS	Matrix Spike	104	98
880-15615-A-9-D MSD	Matrix Spike Duplicate	107	101
890-2376-A-101-E MS	Matrix Spike	90	83
890-2376-A-101-F MSD	Matrix Spike Duplicate	123	96
LCS 880-27074/1-A	Lab Control Sample	104	100
LCS 880-27134/1-A	Lab Control Sample	103	102
LCS 880-27164/1-A	Lab Control Sample	111	104
LCSD 880-27074/2-A	Lab Control Sample Dup	126	99
LCSD 880-27134/2-A	Lab Control Sample Dup	103	101
LCSD 880-27164/2-A	Lab Control Sample Dup	102	103
MB 880-27074/5-A	Method Blank	101	101
MB 880-27134/5-A	Method Blank	99	98
MB 880-27164/5-A	Method Blank	100	91
MB 880-27169/5-A	Method Blank	98	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-15608-1	S-6	93	99
880-15608-1 MS	S-6	93	90
880-15608-1 MSD	S-6	92	86
880-15608-2	S-7	93	97
880-15608-3	S-9	92	94
880-15608-4	S-15	92	96
880-15608-5	S-1A 4'	92	96
880-15608-6	NSW-2	90	93
880-15608-7	S-21	84	88
880-15608-8	S-20	83	83
880-15608-9	S-19	88	89
880-15608-10	S-18	85	89
880-15608-11	S-10	94	0.02 S1-
880-15608-12	S-11	87	87
880-15608-13	S-12	93	97
880-15608-14	S-13	92	96
880-15608-15	S-14	91	93
880-15608-16	S-8	107	0.03 S1-
880-15608-17	NSW-1	86	89
880-15608-18	WSW-1	95	100
880-15608-19	ESW-1	89	94
880-15608-20	SSW-5	86	88
880-15608-21	SSW-4	87	94
880-15608-21 MS	SSW-4	86	82
880-15608-21 MSD	SSW-4	87	82
880-15608-22	SSW-3	79	84
880-15608-23	SSW-2	80	85
880-15608-24	SSW-1	88	95
880-15608-25	S-16 6'	83	88
880-15608-26	S-17	82	87
LCS 880-27129/2-A	Lab Control Sample	100	103
LCS 880-27131/2-A	Lab Control Sample	100	106
LCSD 880-27129/3-A	Lab Control Sample Dup	107	105
LCSD 880-27131/3-A	Lab Control Sample Dup	104	110
MB 880-27129/1-A	Method Blank	91	92
MB 880-27131/1-A	Method Blank	81	89

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27074/5-A

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27074

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/08/22 10:09	06/08/22 11:48	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/08/22 10:09	06/08/22 11:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/08/22 10:09	06/08/22 11:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/08/22 10:09	06/08/22 11:48	1

Lab Sample ID: LCS 880-27074/1-A

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09918		mg/Kg		99	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2196		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-27074/2-A

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09481		mg/Kg		95	70 - 130	5	35
Toluene	0.100	0.1073		mg/Kg		107	70 - 130	7	35
Ethylbenzene	0.100	0.1286		mg/Kg		129	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2676	*+	mg/Kg		134	70 - 130	20	35
o-Xylene	0.100	0.1233		mg/Kg		123	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2376-A-101-E MS

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.000574	J	0.0998	0.08366		mg/Kg		83	70 - 130
Toluene	0.000844	J	0.0998	0.09585		mg/Kg		95	70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2376-A-101-E MS

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.000562	U	0.0998	0.1011		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00100	U *	0.200	0.1912		mg/Kg		96	70 - 130
o-Xylene	0.00131	J	0.0998	0.08458		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 890-2376-A-101-F MSD

Matrix: Solid

Analysis Batch: 27073

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27074

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.000574	J	0.0990	0.08110		mg/Kg		81	70 - 130	3	35
Toluene	0.000844	J	0.0990	0.09378		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.000562	U	0.0990	0.1126		mg/Kg		114	70 - 130	11	35
m-Xylene & p-Xylene	<0.00100	U *	0.198	0.2352		mg/Kg		119	70 - 130	21	35
o-Xylene	0.00131	J	0.0990	0.1072		mg/Kg		107	70 - 130	24	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-27134/5-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/09/22 08:57	06/10/22 04:04	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/09/22 08:57	06/10/22 04:04	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/09/22 08:57	06/10/22 04:04	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 08:57	06/10/22 04:04	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/09/22 08:57	06/10/22 04:04	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 08:57	06/10/22 04:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/09/22 08:57	06/10/22 04:04	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/09/22 08:57	06/10/22 04:04	1

Lab Sample ID: LCS 880-27134/1-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09129		mg/Kg		91	70 - 130
Toluene	0.100	0.09217		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08555		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1933		mg/Kg		97	70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-27134/1-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09643		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-27134/2-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08533		mg/Kg		85	70 - 130	7	35
Toluene	0.100	0.08782		mg/Kg		88	70 - 130	5	35
Ethylbenzene	0.100	0.08140		mg/Kg		81	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1850		mg/Kg		93	70 - 130	4	35
o-Xylene	0.100	0.09262		mg/Kg		93	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-15615-A-9-C MS

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000383	U F1	0.101	0.06796	F1	mg/Kg		68	70 - 130
Toluene	<0.000454	U	0.101	0.07233		mg/Kg		72	70 - 130
Ethylbenzene	<0.000563	U F1	0.101	0.06648	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00101	U	0.201	0.1513		mg/Kg		75	70 - 130
o-Xylene	<0.000343	U	0.101	0.07547		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-15615-A-9-D MSD

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.000383	U F1	0.100	0.08403		mg/Kg		84	70 - 130	21	35
Toluene	<0.000454	U	0.100	0.08167		mg/Kg		82	70 - 130	12	35
Ethylbenzene	<0.000563	U F1	0.100	0.07311		mg/Kg		73	70 - 130	10	35
m-Xylene & p-Xylene	<0.00101	U	0.200	0.1647		mg/Kg		82	70 - 130	9	35
o-Xylene	<0.000343	U	0.100	0.08261		mg/Kg		82	70 - 130	9	35

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-15615-A-9-D MSD

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27134

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-27164/5-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/09/22 10:05	06/09/22 12:16	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 10:05	06/09/22 12:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/09/22 10:05	06/09/22 12:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/09/22 10:05	06/09/22 12:16	1

Lab Sample ID: LCS 880-27164/1-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1125		mg/Kg		112	70 - 130
Toluene	0.100	0.1094		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1137		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2276		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1160		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-27164/2-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09839		mg/Kg		98	70 - 130	13	35
Toluene	0.100	0.09249		mg/Kg		92	70 - 130	17	35
Ethylbenzene	0.100	0.09674		mg/Kg		97	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1944		mg/Kg		97	70 - 130	16	35
o-Xylene	0.100	0.09787		mg/Kg		98	70 - 130	17	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-27164/2-A

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27164

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-15608-6 MS

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: NSW-2

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzene	<0.000384	U	0.0998	0.09163		mg/Kg		92	70 - 130
Toluene	0.000576	J	0.0998	0.1028		mg/Kg		102	70 - 130
Ethylbenzene	<0.000564	U	0.0998	0.1103		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00101	U	0.200	0.2272		mg/Kg		114	70 - 130
o-Xylene	0.000416	J	0.0998	0.1163		mg/Kg		116	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-15608-6 MSD

Matrix: Solid

Analysis Batch: 27136

Client Sample ID: NSW-2

Prep Type: Total/NA

Prep Batch: 27164

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000384	U	0.100	0.1057		mg/Kg		105	70 - 130	14	35
Toluene	0.000576	J	0.100	0.09801		mg/Kg		97	70 - 130	5	35
Ethylbenzene	<0.000564	U	0.100	0.1032		mg/Kg		103	70 - 130	7	35
m-Xylene & p-Xylene	<0.00101	U	0.200	0.2077		mg/Kg		104	70 - 130	9	35
o-Xylene	0.000416	J	0.100	0.1026		mg/Kg		102	70 - 130	13	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-27169/5-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/09/22 11:24	06/09/22 16:24	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/09/22 11:24	06/09/22 16:24	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/09/22 11:24	06/09/22 16:24	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 11:24	06/09/22 16:24	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/09/22 11:24	06/09/22 16:24	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/09/22 11:24	06/09/22 16:24	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/09/22 11:24	06/09/22 16:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/09/22 11:24	06/09/22 16:24	1

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-27129/1-A

Matrix: Solid

Analysis Batch: 27125

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 10:24	1
Diesel Range Organics (Over C10-C28)	16.95	J	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 10:24	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/09/22 08:29	06/09/22 10:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	06/09/22 08:29	06/09/22 10:24	1
o-Terphenyl	92		70 - 130	06/09/22 08:29	06/09/22 10:24	1

Lab Sample ID: LCS 880-27129/2-A

Matrix: Solid

Analysis Batch: 27125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1142		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	877.3		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-27129/3-A

Matrix: Solid

Analysis Batch: 27125

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27129

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1186		mg/Kg		119	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	896.3		mg/Kg		90	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-15608-1 MS

Matrix: Solid

Analysis Batch: 27125

Client Sample ID: S-6

Prep Type: Total/NA

Prep Batch: 27129

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	28.7	J	997	1040		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	<15.0	U	997	1051		mg/Kg		105	70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-15608-1 MS

Matrix: Solid

Analysis Batch: 27125

Client Sample ID: S-6

Prep Type: Total/NA

Prep Batch: 27129

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-15608-1 MSD

Matrix: Solid

Analysis Batch: 27125

Client Sample ID: S-6

Prep Type: Total/NA

Prep Batch: 27129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	28.7	J	1000	1054		mg/Kg		103	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	1033		mg/Kg		103	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: MB 880-27131/1-A

Matrix: Solid

Analysis Batch: 27127

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27131

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.66	J	50.0	15.0	mg/Kg		06/09/22 08:32	06/09/22 10:24	1
Diesel Range Organics (Over C10-C28)	19.30	J	50.0	15.0	mg/Kg		06/09/22 08:32	06/09/22 10:24	1
Oil Range Organics (Over C28-C36)	22.77	J	50.0	15.0	mg/Kg		06/09/22 08:32	06/09/22 10:24	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	81		70 - 130	06/09/22 08:32	06/09/22 10:24	1
o-Terphenyl	89		70 - 130	06/09/22 08:32	06/09/22 10:24	1

Lab Sample ID: LCS 880-27131/2-A

Matrix: Solid

Analysis Batch: 27127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27131

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	802.0		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	782.3		mg/Kg		78	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	106		70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-27131/3-A

Matrix: Solid

Analysis Batch: 27127

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27131

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1061	*1	mg/Kg		106	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	1000	820.3		mg/Kg		82	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	104		70 - 130						
o-Terphenyl	110		70 - 130						

Lab Sample ID: 880-15608-21 MS

Matrix: Solid

Analysis Batch: 27127

Client Sample ID: SSW-4

Prep Type: Total/NA

Prep Batch: 27131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	997	910.1		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.0	U	997	876.6		mg/Kg		88	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	82		70 - 130								

Lab Sample ID: 880-15608-21 MSD

Matrix: Solid

Analysis Batch: 27127

Client Sample ID: SSW-4

Prep Type: Total/NA

Prep Batch: 27131

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	1000	919.8		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<15.0	U	1000	896.0		mg/Kg		90	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	82		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27178/1-A

Matrix: Solid

Analysis Batch: 27394

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/13/22 09:18	1

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-27178/2-A

Matrix: Solid

Analysis Batch: 27394

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.0		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-27178/3-A

Matrix: Solid

Analysis Batch: 27394

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.4		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-15608-3 MS

Matrix: Solid

Analysis Batch: 27394

Client Sample ID: S-9

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	174		250	408.8		mg/Kg		94	90 - 110

Lab Sample ID: 880-15608-3 MSD

Matrix: Solid

Analysis Batch: 27394

Client Sample ID: S-9

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	174		250	409.1		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-27179/1-A

Matrix: Solid

Analysis Batch: 27395

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/13/22 18:57	1

Lab Sample ID: LCS 880-27179/2-A

Matrix: Solid

Analysis Batch: 27395

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-27179/3-A

Matrix: Solid

Analysis Batch: 27395

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-15608-13 MS

Matrix: Solid

Analysis Batch: 27395

Client Sample ID: S-12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.6		248	241.2		mg/Kg		91	90 - 110

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-15608-13 MSD										Client Sample ID: S-12		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 27395												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	14.6		248	243.1		mg/Kg		92	90 - 110	1	20	

Lab Sample ID: 880-15608-23 MS										Client Sample ID: SSW-2		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 27395												
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	87.9		250	326.2		mg/Kg		95	90 - 110			

Lab Sample ID: 880-15608-23 MSD										Client Sample ID: SSW-2		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 27395												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	87.9		250	325.7		mg/Kg		95	90 - 110	0	20	

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

GC VOA

Analysis Batch: 27073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Total/NA	Solid	8021B	27074
880-15608-2	S-7	Total/NA	Solid	8021B	27074
880-15608-3	S-9	Total/NA	Solid	8021B	27074
880-15608-4	S-15	Total/NA	Solid	8021B	27074
880-15608-5	S-1A 4'	Total/NA	Solid	8021B	27074
MB 880-27074/5-A	Method Blank	Total/NA	Solid	8021B	27074
LCS 880-27074/1-A	Lab Control Sample	Total/NA	Solid	8021B	27074
LCSD 880-27074/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27074
890-2376-A-101-E MS	Matrix Spike	Total/NA	Solid	8021B	27074
890-2376-A-101-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27074

Prep Batch: 27074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Total/NA	Solid	5035	
880-15608-2	S-7	Total/NA	Solid	5035	
880-15608-3	S-9	Total/NA	Solid	5035	
880-15608-4	S-15	Total/NA	Solid	5035	
880-15608-5	S-1A 4'	Total/NA	Solid	5035	
MB 880-27074/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27074/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27074/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2376-A-101-E MS	Matrix Spike	Total/NA	Solid	5035	
890-2376-A-101-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Total/NA	Solid	Total BTEX	
880-15608-2	S-7	Total/NA	Solid	Total BTEX	
880-15608-3	S-9	Total/NA	Solid	Total BTEX	
880-15608-4	S-15	Total/NA	Solid	Total BTEX	
880-15608-5	S-1A 4'	Total/NA	Solid	Total BTEX	
880-15608-6	NSW-2	Total/NA	Solid	Total BTEX	
880-15608-7	S-21	Total/NA	Solid	Total BTEX	
880-15608-8	S-20	Total/NA	Solid	Total BTEX	
880-15608-9	S-19	Total/NA	Solid	Total BTEX	
880-15608-10	S-18	Total/NA	Solid	Total BTEX	
880-15608-11	S-10	Total/NA	Solid	Total BTEX	
880-15608-12	S-11	Total/NA	Solid	Total BTEX	
880-15608-13	S-12	Total/NA	Solid	Total BTEX	
880-15608-14	S-13	Total/NA	Solid	Total BTEX	
880-15608-15	S-14	Total/NA	Solid	Total BTEX	
880-15608-16	S-8	Total/NA	Solid	Total BTEX	
880-15608-17	NSW-1	Total/NA	Solid	Total BTEX	
880-15608-18	WSW-1	Total/NA	Solid	Total BTEX	
880-15608-19	ESW-1	Total/NA	Solid	Total BTEX	
880-15608-20	SSW-5	Total/NA	Solid	Total BTEX	
880-15608-21	SSW-4	Total/NA	Solid	Total BTEX	
880-15608-22	SSW-3	Total/NA	Solid	Total BTEX	
880-15608-23	SSW-2	Total/NA	Solid	Total BTEX	
880-15608-24	SSW-1	Total/NA	Solid	Total BTEX	
880-15608-25	S-16 6'	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 27118 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-26	S-17	Total/NA	Solid	Total BTEX	

Prep Batch: 27134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-16	S-8	Total/NA	Solid	5035	
880-15608-17	NSW-1	Total/NA	Solid	5035	
880-15608-18	WSW-1	Total/NA	Solid	5035	
880-15608-19	ESW-1	Total/NA	Solid	5035	
880-15608-20	SSW-5	Total/NA	Solid	5035	
880-15608-21	SSW-4	Total/NA	Solid	5035	
880-15608-22	SSW-3	Total/NA	Solid	5035	
880-15608-23	SSW-2	Total/NA	Solid	5035	
880-15608-24	SSW-1	Total/NA	Solid	5035	
880-15608-25	S-16 6'	Total/NA	Solid	5035	
880-15608-26	S-17	Total/NA	Solid	5035	
MB 880-27134/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27134/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27134/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15615-A-9-C MS	Matrix Spike	Total/NA	Solid	5035	
880-15615-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-6	NSW-2	Total/NA	Solid	8021B	27164
880-15608-7	S-21	Total/NA	Solid	8021B	27164
880-15608-8	S-20	Total/NA	Solid	8021B	27164
880-15608-9	S-19	Total/NA	Solid	8021B	27164
880-15608-10	S-18	Total/NA	Solid	8021B	27164
880-15608-11	S-10	Total/NA	Solid	8021B	27164
880-15608-12	S-11	Total/NA	Solid	8021B	27164
880-15608-13	S-12	Total/NA	Solid	8021B	27164
880-15608-14	S-13	Total/NA	Solid	8021B	27164
880-15608-15	S-14	Total/NA	Solid	8021B	27164
MB 880-27164/5-A	Method Blank	Total/NA	Solid	8021B	27164
LCS 880-27164/1-A	Lab Control Sample	Total/NA	Solid	8021B	27164
LCSD 880-27164/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27164
880-15608-6 MS	NSW-2	Total/NA	Solid	8021B	27164
880-15608-6 MSD	NSW-2	Total/NA	Solid	8021B	27164

Prep Batch: 27164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-6	NSW-2	Total/NA	Solid	5035	
880-15608-7	S-21	Total/NA	Solid	5035	
880-15608-8	S-20	Total/NA	Solid	5035	
880-15608-9	S-19	Total/NA	Solid	5035	
880-15608-10	S-18	Total/NA	Solid	5035	
880-15608-11	S-10	Total/NA	Solid	5035	
880-15608-12	S-11	Total/NA	Solid	5035	
880-15608-13	S-12	Total/NA	Solid	5035	
880-15608-14	S-13	Total/NA	Solid	5035	
880-15608-15	S-14	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 27164 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27164/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27164/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27164/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15608-6 MS	NSW-2	Total/NA	Solid	5035	
880-15608-6 MSD	NSW-2	Total/NA	Solid	5035	

Prep Batch: 27169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27169/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-16	S-8	Total/NA	Solid	8021B	27134
880-15608-17	NSW-1	Total/NA	Solid	8021B	27134
880-15608-18	WSW-1	Total/NA	Solid	8021B	27134
880-15608-19	ESW-1	Total/NA	Solid	8021B	27134
880-15608-20	SSW-5	Total/NA	Solid	8021B	27134
880-15608-21	SSW-4	Total/NA	Solid	8021B	27134
880-15608-22	SSW-3	Total/NA	Solid	8021B	27134
880-15608-23	SSW-2	Total/NA	Solid	8021B	27134
880-15608-24	SSW-1	Total/NA	Solid	8021B	27134
880-15608-25	S-16 6'	Total/NA	Solid	8021B	27134
880-15608-26	S-17	Total/NA	Solid	8021B	27134
MB 880-27134/5-A	Method Blank	Total/NA	Solid	8021B	27134
MB 880-27169/5-A	Method Blank	Total/NA	Solid	8021B	27169
LCS 880-27134/1-A	Lab Control Sample	Total/NA	Solid	8021B	27134
LCSD 880-27134/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27134
880-15615-A-9-C MS	Matrix Spike	Total/NA	Solid	8021B	27134
880-15615-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27134

GC Semi VOA

Analysis Batch: 27125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Total/NA	Solid	8015B NM	27129
880-15608-2	S-7	Total/NA	Solid	8015B NM	27129
880-15608-3	S-9	Total/NA	Solid	8015B NM	27129
880-15608-4	S-15	Total/NA	Solid	8015B NM	27129
880-15608-5	S-1A 4'	Total/NA	Solid	8015B NM	27129
880-15608-6	NSW-2	Total/NA	Solid	8015B NM	27129
880-15608-7	S-21	Total/NA	Solid	8015B NM	27129
880-15608-8	S-20	Total/NA	Solid	8015B NM	27129
880-15608-9	S-19	Total/NA	Solid	8015B NM	27129
880-15608-10	S-18	Total/NA	Solid	8015B NM	27129
880-15608-11	S-10	Total/NA	Solid	8015B NM	27129
880-15608-12	S-11	Total/NA	Solid	8015B NM	27129
880-15608-13	S-12	Total/NA	Solid	8015B NM	27129
880-15608-14	S-13	Total/NA	Solid	8015B NM	27129
880-15608-15	S-14	Total/NA	Solid	8015B NM	27129
880-15608-16	S-8	Total/NA	Solid	8015B NM	27129
880-15608-17	NSW-1	Total/NA	Solid	8015B NM	27129

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 27125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-18	WSW-1	Total/NA	Solid	8015B NM	27129
880-15608-19	ESW-1	Total/NA	Solid	8015B NM	27129
880-15608-20	SSW-5	Total/NA	Solid	8015B NM	27129
MB 880-27129/1-A	Method Blank	Total/NA	Solid	8015B NM	27129
LCS 880-27129/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27129
LCSD 880-27129/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27129
880-15608-1 MS	S-6	Total/NA	Solid	8015B NM	27129
880-15608-1 MSD	S-6	Total/NA	Solid	8015B NM	27129

Analysis Batch: 27127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-21	SSW-4	Total/NA	Solid	8015B NM	27131
880-15608-22	SSW-3	Total/NA	Solid	8015B NM	27131
880-15608-23	SSW-2	Total/NA	Solid	8015B NM	27131
880-15608-24	SSW-1	Total/NA	Solid	8015B NM	27131
880-15608-25	S-16 6'	Total/NA	Solid	8015B NM	27131
880-15608-26	S-17	Total/NA	Solid	8015B NM	27131
MB 880-27131/1-A	Method Blank	Total/NA	Solid	8015B NM	27131
LCS 880-27131/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27131
LCSD 880-27131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27131
880-15608-21 MS	SSW-4	Total/NA	Solid	8015B NM	27131
880-15608-21 MSD	SSW-4	Total/NA	Solid	8015B NM	27131

Prep Batch: 27129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Total/NA	Solid	8015NM Prep	
880-15608-2	S-7	Total/NA	Solid	8015NM Prep	
880-15608-3	S-9	Total/NA	Solid	8015NM Prep	
880-15608-4	S-15	Total/NA	Solid	8015NM Prep	
880-15608-5	S-1A 4'	Total/NA	Solid	8015NM Prep	
880-15608-6	NSW-2	Total/NA	Solid	8015NM Prep	
880-15608-7	S-21	Total/NA	Solid	8015NM Prep	
880-15608-8	S-20	Total/NA	Solid	8015NM Prep	
880-15608-9	S-19	Total/NA	Solid	8015NM Prep	
880-15608-10	S-18	Total/NA	Solid	8015NM Prep	
880-15608-11	S-10	Total/NA	Solid	8015NM Prep	
880-15608-12	S-11	Total/NA	Solid	8015NM Prep	
880-15608-13	S-12	Total/NA	Solid	8015NM Prep	
880-15608-14	S-13	Total/NA	Solid	8015NM Prep	
880-15608-15	S-14	Total/NA	Solid	8015NM Prep	
880-15608-16	S-8	Total/NA	Solid	8015NM Prep	
880-15608-17	NSW-1	Total/NA	Solid	8015NM Prep	
880-15608-18	WSW-1	Total/NA	Solid	8015NM Prep	
880-15608-19	ESW-1	Total/NA	Solid	8015NM Prep	
880-15608-20	SSW-5	Total/NA	Solid	8015NM Prep	
MB 880-27129/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27129/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27129/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15608-1 MS	S-6	Total/NA	Solid	8015NM Prep	
880-15608-1 MSD	S-6	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

GC Semi VOA

Prep Batch: 27131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-21	SSW-4	Total/NA	Solid	8015NM Prep	
880-15608-22	SSW-3	Total/NA	Solid	8015NM Prep	
880-15608-23	SSW-2	Total/NA	Solid	8015NM Prep	
880-15608-24	SSW-1	Total/NA	Solid	8015NM Prep	
880-15608-25	S-16 6'	Total/NA	Solid	8015NM Prep	
880-15608-26	S-17	Total/NA	Solid	8015NM Prep	
MB 880-27131/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27131/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27131/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15608-21 MS	SSW-4	Total/NA	Solid	8015NM Prep	
880-15608-21 MSD	SSW-4	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Total/NA	Solid	8015 NM	
880-15608-2	S-7	Total/NA	Solid	8015 NM	
880-15608-3	S-9	Total/NA	Solid	8015 NM	
880-15608-4	S-15	Total/NA	Solid	8015 NM	
880-15608-5	S-1A 4'	Total/NA	Solid	8015 NM	
880-15608-6	NSW-2	Total/NA	Solid	8015 NM	
880-15608-7	S-21	Total/NA	Solid	8015 NM	
880-15608-8	S-20	Total/NA	Solid	8015 NM	
880-15608-9	S-19	Total/NA	Solid	8015 NM	
880-15608-10	S-18	Total/NA	Solid	8015 NM	
880-15608-11	S-10	Total/NA	Solid	8015 NM	
880-15608-12	S-11	Total/NA	Solid	8015 NM	
880-15608-13	S-12	Total/NA	Solid	8015 NM	
880-15608-14	S-13	Total/NA	Solid	8015 NM	
880-15608-15	S-14	Total/NA	Solid	8015 NM	
880-15608-16	S-8	Total/NA	Solid	8015 NM	
880-15608-17	NSW-1	Total/NA	Solid	8015 NM	
880-15608-18	WSW-1	Total/NA	Solid	8015 NM	
880-15608-19	ESW-1	Total/NA	Solid	8015 NM	
880-15608-20	SSW-5	Total/NA	Solid	8015 NM	
880-15608-21	SSW-4	Total/NA	Solid	8015 NM	
880-15608-22	SSW-3	Total/NA	Solid	8015 NM	
880-15608-23	SSW-2	Total/NA	Solid	8015 NM	
880-15608-24	SSW-1	Total/NA	Solid	8015 NM	
880-15608-25	S-16 6'	Total/NA	Solid	8015 NM	
880-15608-26	S-17	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Soluble	Solid	DI Leach	
880-15608-2	S-7	Soluble	Solid	DI Leach	
880-15608-3	S-9	Soluble	Solid	DI Leach	
880-15608-4	S-15	Soluble	Solid	DI Leach	
880-15608-5	S-1A 4'	Soluble	Solid	DI Leach	
880-15608-6	NSW-2	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

HPLC/IC (Continued)

Leach Batch: 27178 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-7	S-21	Soluble	Solid	DI Leach	
880-15608-8	S-20	Soluble	Solid	DI Leach	
880-15608-9	S-19	Soluble	Solid	DI Leach	
880-15608-10	S-18	Soluble	Solid	DI Leach	
880-15608-11	S-10	Soluble	Solid	DI Leach	
880-15608-12	S-11	Soluble	Solid	DI Leach	
MB 880-27178/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27178/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27178/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15608-3 MS	S-9	Soluble	Solid	DI Leach	
880-15608-3 MSD	S-9	Soluble	Solid	DI Leach	

Leach Batch: 27179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-13	S-12	Soluble	Solid	DI Leach	
880-15608-14	S-13	Soluble	Solid	DI Leach	
880-15608-15	S-14	Soluble	Solid	DI Leach	
880-15608-16	S-8	Soluble	Solid	DI Leach	
880-15608-17	NSW-1	Soluble	Solid	DI Leach	
880-15608-18	WSW-1	Soluble	Solid	DI Leach	
880-15608-19	ESW-1	Soluble	Solid	DI Leach	
880-15608-20	SSW-5	Soluble	Solid	DI Leach	
880-15608-21	SSW-4	Soluble	Solid	DI Leach	
880-15608-22	SSW-3	Soluble	Solid	DI Leach	
880-15608-23	SSW-2	Soluble	Solid	DI Leach	
880-15608-24	SSW-1	Soluble	Solid	DI Leach	
880-15608-25	S-16 6'	Soluble	Solid	DI Leach	
880-15608-26	S-17	Soluble	Solid	DI Leach	
MB 880-27179/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27179/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27179/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15608-13 MS	S-12	Soluble	Solid	DI Leach	
880-15608-13 MSD	S-12	Soluble	Solid	DI Leach	
880-15608-23 MS	SSW-2	Soluble	Solid	DI Leach	
880-15608-23 MSD	SSW-2	Soluble	Solid	DI Leach	

Analysis Batch: 27394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-1	S-6	Soluble	Solid	300.0	27178
880-15608-2	S-7	Soluble	Solid	300.0	27178
880-15608-3	S-9	Soluble	Solid	300.0	27178
880-15608-4	S-15	Soluble	Solid	300.0	27178
880-15608-5	S-1A 4'	Soluble	Solid	300.0	27178
880-15608-6	NSW-2	Soluble	Solid	300.0	27178
880-15608-7	S-21	Soluble	Solid	300.0	27178
880-15608-8	S-20	Soluble	Solid	300.0	27178
880-15608-9	S-19	Soluble	Solid	300.0	27178
880-15608-10	S-18	Soluble	Solid	300.0	27178
880-15608-11	S-10	Soluble	Solid	300.0	27178
880-15608-12	S-11	Soluble	Solid	300.0	27178
MB 880-27178/1-A	Method Blank	Soluble	Solid	300.0	27178

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

HPLC/IC (Continued)

Analysis Batch: 27394 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-27178/2-A	Lab Control Sample	Soluble	Solid	300.0	27178
LCSD 880-27178/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27178
880-15608-3 MS	S-9	Soluble	Solid	300.0	27178
880-15608-3 MSD	S-9	Soluble	Solid	300.0	27178

Analysis Batch: 27395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15608-13	S-12	Soluble	Solid	300.0	27179
880-15608-14	S-13	Soluble	Solid	300.0	27179
880-15608-15	S-14	Soluble	Solid	300.0	27179
880-15608-16	S-8	Soluble	Solid	300.0	27179
880-15608-17	NSW-1	Soluble	Solid	300.0	27179
880-15608-18	WSW-1	Soluble	Solid	300.0	27179
880-15608-19	ESW-1	Soluble	Solid	300.0	27179
880-15608-20	SSW-5	Soluble	Solid	300.0	27179
880-15608-21	SSW-4	Soluble	Solid	300.0	27179
880-15608-22	SSW-3	Soluble	Solid	300.0	27179
880-15608-23	SSW-2	Soluble	Solid	300.0	27179
880-15608-24	SSW-1	Soluble	Solid	300.0	27179
880-15608-25	S-16 6'	Soluble	Solid	300.0	27179
880-15608-26	S-17	Soluble	Solid	300.0	27179
MB 880-27179/1-A	Method Blank	Soluble	Solid	300.0	27179
LCS 880-27179/2-A	Lab Control Sample	Soluble	Solid	300.0	27179
LCSD 880-27179/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27179
880-15608-13 MS	S-12	Soluble	Solid	300.0	27179
880-15608-13 MSD	S-12	Soluble	Solid	300.0	27179
880-15608-23 MS	SSW-2	Soluble	Solid	300.0	27179
880-15608-23 MSD	SSW-2	Soluble	Solid	300.0	27179

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-6

Lab Sample ID: 880-15608-1

Date Collected: 06/06/22 12:00

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 13:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 11:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 11:16	CH	XEN MID

Client Sample ID: S-7

Lab Sample ID: 880-15608-2

Date Collected: 06/06/22 12:05

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 14:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 12:31	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 11:23	CH	XEN MID

Client Sample ID: S-9

Lab Sample ID: 880-15608-3

Date Collected: 06/06/22 12:10

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 14:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 12:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 11:31	CH	XEN MID

Client Sample ID: S-15

Lab Sample ID: 880-15608-4

Date Collected: 06/06/22 12:15

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 14:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-15

Lab Sample ID: 880-15608-4

Date Collected: 06/06/22 12:15

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 11:55	CH	XEN MID

Client Sample ID: S-1A 4'

Lab Sample ID: 880-15608-5

Date Collected: 06/06/22 14:00

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27074	06/08/22 10:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27073	06/08/22 15:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 13:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 12:03	CH	XEN MID

Client Sample ID: NSW-2

Lab Sample ID: 880-15608-6

Date Collected: 06/07/22 12:00

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 12:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 12:26	CH	XEN MID

Client Sample ID: S-21

Lab Sample ID: 880-15608-7

Date Collected: 06/07/22 12:05

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 12:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 14:18	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-21

Date Collected: 06/07/22 12:05

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 12:34	CH	XEN MID

Client Sample ID: S-20

Date Collected: 06/07/22 12:10

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 13:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 14:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 12:42	CH	XEN MID

Client Sample ID: S-19

Date Collected: 06/07/22 12:15

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 13:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 15:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 12:50	CH	XEN MID

Client Sample ID: S-18

Date Collected: 06/07/22 12:55

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 13:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 15:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 12:58	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-10

Lab Sample ID: 880-15608-11

Date Collected: 06/07/22 13:00

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 14:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 16:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 13:05	CH	XEN MID

Client Sample ID: S-11

Lab Sample ID: 880-15608-12

Date Collected: 06/07/22 13:05

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 14:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 16:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27178	06/09/22 12:07	CH	XEN MID
Soluble	Analysis	300.0		1			27394	06/13/22 13:13	CH	XEN MID

Client Sample ID: S-12

Lab Sample ID: 880-15608-13

Date Collected: 06/07/22 13:10

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 15:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 17:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 19:21	CH	XEN MID

Client Sample ID: S-13

Lab Sample ID: 880-15608-14

Date Collected: 06/07/22 13:15

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 17:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: S-13

Lab Sample ID: 880-15608-14

Date Collected: 06/07/22 13:15

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 17:33	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 19:44	CH	XEN MID

Client Sample ID: S-14

Lab Sample ID: 880-15608-15

Date Collected: 06/07/22 13:20

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27164	06/09/22 10:05	MR	XEN MID
Total/NA	Analysis	8021B		1			27136	06/09/22 17:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 17:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 19:52	CH	XEN MID

Client Sample ID: S-8

Lab Sample ID: 880-15608-16

Date Collected: 06/07/22 13:25

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 04:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 18:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 20:00	CH	XEN MID

Client Sample ID: NSW-1

Lab Sample ID: 880-15608-17

Date Collected: 06/07/22 14:55

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 05:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 18:44	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: NSW-1

Date Collected: 06/07/22 14:55

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 20:08	CH	XEN MID

Client Sample ID: WSW-1

Date Collected: 06/07/22 14:58

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 05:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 20:31	CH	XEN MID

Client Sample ID: ESW-1

Date Collected: 06/07/22 15:00

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 05:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 19:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 20:39	CH	XEN MID

Client Sample ID: SSW-5

Date Collected: 06/07/22 15:05

Date Received: 06/08/22 08:58

Lab Sample ID: 880-15608-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 06:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27129	06/09/22 08:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27125	06/09/22 19:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 20:47	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: SSW-4

Lab Sample ID: 880-15608-21

Date Collected: 06/07/22 15:10

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 06:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27131	06/09/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27127	06/09/22 11:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 20:55	CH	XEN MID

Client Sample ID: SSW-3

Lab Sample ID: 880-15608-22

Date Collected: 06/07/22 15:15

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 06:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27131	06/09/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27127	06/09/22 12:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 21:03	CH	XEN MID

Client Sample ID: SSW-2

Lab Sample ID: 880-15608-23

Date Collected: 06/07/22 15:20

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 07:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27131	06/09/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27127	06/09/22 12:52	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 21:11	CH	XEN MID

Client Sample ID: SSW-1

Lab Sample ID: 880-15608-24

Date Collected: 06/07/22 15:25

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 07:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Client Sample ID: SSW-1

Lab Sample ID: 880-15608-24

Date Collected: 06/07/22 15:25

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27131	06/09/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27127	06/09/22 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 21:34	CH	XEN MID

Client Sample ID: S-16 6'

Lab Sample ID: 880-15608-25

Date Collected: 06/07/22 15:30

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 09:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27131	06/09/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27127	06/09/22 13:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 21:42	CH	XEN MID

Client Sample ID: S-17

Lab Sample ID: 880-15608-26

Date Collected: 06/07/22 15:25

Matrix: Solid

Date Received: 06/08/22 08:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 09:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27118	06/08/22 17:38	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27250	06/10/22 08:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27131	06/09/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27127	06/09/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27179	06/09/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			27395	06/13/22 22:06	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: Talon/LPE
Project/Site: Mean Green 23 CTB 2

Job ID: 880-15608-1
SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-15608-1	S-6	Solid	06/06/22 12:00	06/08/22 08:58	4
880-15608-2	S-7	Solid	06/06/22 12:05	06/08/22 08:58	4
880-15608-3	S-9	Solid	06/06/22 12:10	06/08/22 08:58	4
880-15608-4	S-15	Solid	06/06/22 12:15	06/08/22 08:58	4
880-15608-5	S-1A 4'	Solid	06/06/22 14:00	06/08/22 08:58	4
880-15608-6	NSW-2	Solid	06/07/22 12:00	06/08/22 08:58	1
880-15608-7	S-21	Solid	06/07/22 12:05	06/08/22 08:58	1
880-15608-8	S-20	Solid	06/07/22 12:10	06/08/22 08:58	1
880-15608-9	S-19	Solid	06/07/22 12:15	06/08/22 08:58	1'
880-15608-10	S-18	Solid	06/07/22 12:55	06/08/22 08:58	3
880-15608-11	S-10	Solid	06/07/22 13:00	06/08/22 08:58	1'
880-15608-12	S-11	Solid	06/07/22 13:05	06/08/22 08:58	1'
880-15608-13	S-12	Solid	06/07/22 13:10	06/08/22 08:58	1'
880-15608-14	S-13	Solid	06/07/22 13:15	06/08/22 08:58	1'
880-15608-15	S-14	Solid	06/07/22 13:20	06/08/22 08:58	1'
880-15608-16	S-8	Solid	06/07/22 13:25	06/08/22 08:58	4.5'
880-15608-17	NSW-1	Solid	06/07/22 14:55	06/08/22 08:58	1
880-15608-18	WSW-1	Solid	06/07/22 14:58	06/08/22 08:58	1
880-15608-19	ESW-1	Solid	06/07/22 15:00	06/08/22 08:58	1
880-15608-20	SSW-5	Solid	06/07/22 15:05	06/08/22 08:58	1
880-15608-21	SSW-4	Solid	06/07/22 15:10	06/08/22 08:58	3'
880-15608-22	SSW-3	Solid	06/07/22 15:15	06/08/22 08:58	4'
880-15608-23	SSW-2	Solid	06/07/22 15:20	06/08/22 08:58	1
880-15608-24	SSW-1	Solid	06/07/22 15:25	06/08/22 08:58	1
880-15608-25	S-16 6'	Solid	06/07/22 15:30	06/08/22 08:58	6
880-15608-26	S-17	Solid	06/07/22 15:25	06/08/22 08:58	



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 15608

www.xenco.com Page 1 of 3

Project Manager:	Kayla Taylor	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	2901 S HWY 349	Address:	
City, State ZIP:	Midland TX	City, State ZIP:	
Phone:	432-216-5443	Email:	

Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other <input type="checkbox"/>

Project Name:	MEAN GREEN 23 CTB2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Location:	La La Co. NM	Due Date:			
Sampler's Name:	K. Taylor	TAT starts the day received by the lab, if received by 4:30pm			
PO #					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Wet Ice:	Yes <input checked="" type="radio"/> No <input type="radio"/>
Samples Received Intact:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Thermometer ID:			
Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Temperature Reading:	2.40		
Total Containers:		Corrected Temperature:	2.41		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
S-10	S	6-6-22	1200	4	C	1	TPH 805
S-11	S		1205	4	C	1	BTEX
S-12	S		1210	4	C	1	Chlorides 300.0
S-13	S		1215	4	C	1	
S-14	S		1400	4	C	1	
S-15	S		1205	1	C	1	
S-16	S		1210	1	C	1	
S-17	S		1215	1	C	1	
S-18	S		1255	3	C	1	



880-15608 Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCPL / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 2451 / 7470 / 7471
Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)
Kayla Taylor	[Signature]	10/8/18	
		8:58	



eurofins

Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No: 15000

www.xenco.com Page 2 of 3

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	PST/UST	<input type="checkbox"/>	TRRP	<input type="checkbox"/>	Level IV	<input type="checkbox"/>
Deliverables	EDD	<input type="checkbox"/>	Adapt	<input type="checkbox"/>	Other				



Project Manager:			Bill to: (if different)	
Company Name:			Company Name:	
Address:			Address:	
City, State ZIP:			City, State ZIP:	
Phone:		Email		

Work Order Comments				
Program:	UST/PST <input type="checkbox"/>	PRRP <input type="checkbox"/>	Brownfields <input type="checkbox"/>	RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:				
Reporting Level	I <input type="checkbox"/>	Level III <input type="checkbox"/>	PST/UST <input type="checkbox"/>	TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables	EDD <input type="checkbox"/>	Adapt <input type="checkbox"/>	Other	

[illegible][illegible]

Total 2002/7/6010	2002/8/6020:	Circle Method(s) and Metal(s) to be analyzed																															
		8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn	
		TCLP/SPLP	6010	8RCRA	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U													
																									Hg	1631	/2451	/7470	/7471				

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenoio. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoio, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 		10/6/18	2		
3		8:58	4		
5			6		

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 15608

www.xenco.com

Page 3 of 3

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State Zip:		City, State Zip:	
Phone:		Email:	

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other <input type="checkbox"/>

Project Name	Magna Green 23		Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	CTB 2		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None NO	DI Water H ₂ O	
Project Location			Due Date												Cool Cool	MeOH Me	
Sample's Name:			TAT starts the day received by the lab, if received by 4:30pm												HCL HC	HNO ₃ HN	
P.O. #															H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No											H ₃ PO ₄ HP		
Samples Received Intact:	Yes No	Thermometer ID:													NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes No	Correction Factor:													Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals:	Yes No	Temperature Reading													Zn Acetate+NaOH Zn		
Total Containers:	Yes No	Corrected Temperature:													NaOH+Ascorbic Acid- SAPC		
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters										Sample Comments
SSW-4	S	6-7-22	1510	3'	C	1	TPH 8015										Loc: 880
SSW-3	S	6-7-22	1515	4'	C	1	BTX										15608
SSW-2	S	6-7-22	1526	1'	C	1	Chlorides 300.0										
SSW-1	S	6-7-22	1525	1'	C	1											
S-16	S	6-7-22	1536	6'	C	1											

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn		
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA 5b As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg 1631 / 245 1 / 7470 / 7471		
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	6/7/22	3 <i>[Signature]</i>	4 <i>[Signature]</i>	6/7/22
5	6				

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 880-15608-1

SDG Number: Lea Co. NM

Login Number: 15608**List Number: 1****Creator: Rodriguez, Leticia****List Source: Eurofins Midland**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-15888-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Devon Mean Green 23

For:

Talon/LPE
408 W. Texas St.
Artesia, New Mexico 88210

Attn: Kayla Taylor

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
6/22/2022 3:50:57 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Laboratory Job ID: 880-15888-1
SDG: Lea Co, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Method Summary	15
Sample Summary	16
Chain of Custody	17
Receipt Checklists	18

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Job ID: 880-15888-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-15888-1****Receipt**

The sample was received on 6/14/2022 4:30 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.9°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-8 (880-15888-1) and (880-16002-A-7-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27556 and analytical batch 880-27563 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Client Sample ID: S-8

Lab Sample ID: 880-15888-1

Date Collected: 06/13/22 16:00

Matrix: Solid

Date Received: 06/14/22 16:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		06/20/22 16:40	06/21/22 14:10	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		06/20/22 16:40	06/21/22 14:10	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		06/20/22 16:40	06/21/22 14:10	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		06/20/22 16:40	06/21/22 14:10	1
o-Xylene	<0.000345	U	0.00200	0.000345	mg/Kg		06/20/22 16:40	06/21/22 14:10	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		06/20/22 16:40	06/21/22 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	06/20/22 16:40	06/21/22 14:10	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/20/22 16:40	06/21/22 14:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			06/20/22 14:56	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.8	J	49.9	15.0	mg/Kg			06/16/22 09:49	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.8	J *1	49.9	15.0	mg/Kg		06/15/22 08:52	06/15/22 12:13	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		06/15/22 08:52	06/15/22 12:13	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/15/22 08:52	06/15/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				06/15/22 08:52	06/15/22 12:13	1
o-Terphenyl	122		70 - 130				06/15/22 08:52	06/15/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.7		5.03	0.863	mg/Kg			06/21/22 19:16	1

Eurofins Midland

Surrogate Summary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-15888-1	S-8	135 S1+	89
880-16002-A-7-C MS	Matrix Spike	114	107
880-16002-A-7-D MSD	Matrix Spike Duplicate	121	87
LCS 880-27988/1-A	Lab Control Sample	125	98
LCSD 880-27988/2-A	Lab Control Sample Dup	126	95
MB 880-27988/5-A	Method Blank	100	87
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-15888-1	S-8	105	122
880-15888-1 MS	S-8	88	91
880-15888-1 MSD	S-8	89	92
LCS 880-27556/2-A	Lab Control Sample	103	113
LCSD 880-27556/3-A	Lab Control Sample Dup	93	106
MB 880-27556/1-A	Method Blank	99	114
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27988/5-A

Matrix: Solid

Analysis Batch: 28002

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/20/22 16:40	06/21/22 13:16	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/20/22 16:40	06/21/22 13:16	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/20/22 16:40	06/21/22 13:16	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/20/22 16:40	06/21/22 13:16	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/20/22 16:40	06/21/22 13:16	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/20/22 16:40	06/21/22 13:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/20/22 16:40	06/21/22 13:16	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/20/22 16:40	06/21/22 13:16	1

Lab Sample ID: LCS 880-27988/1-A

Matrix: Solid

Analysis Batch: 28002

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1027		mg/Kg		103	70 - 130
Toluene	0.100	0.1058		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1125		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2199		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-27988/2-A

Matrix: Solid

Analysis Batch: 28002

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27988

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1040		mg/Kg		104	70 - 130	1	35
Toluene	0.100	0.1043		mg/Kg		104	70 - 130	1	35
Ethylbenzene	0.100	0.1119		mg/Kg		112	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2201		mg/Kg		110	70 - 130	0	35
o-Xylene	0.100	0.1079		mg/Kg		108	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-16002-A-7-C MS

Matrix: Solid

Analysis Batch: 28002

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000386	U	0.0998	0.09847		mg/Kg		99	70 - 130
Toluene	<0.000457	U	0.0998	0.08190		mg/Kg		82	70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-16002-A-7-C MS

Matrix: Solid

Analysis Batch: 28002

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.000566	U	0.0998	0.09510		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00101	U	0.200	0.1894		mg/Kg		95	70 - 130
o-Xylene	<0.000345	U	0.0998	0.09376		mg/Kg		94	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	114		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: 880-16002-A-7-D MSD

Matrix: Solid

Analysis Batch: 28002

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27988

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.000386	U	0.0994	0.07905		mg/Kg		80	70 - 130	22	35
Toluene	<0.000457	U	0.0994	0.08287		mg/Kg		83	70 - 130	1	35
Ethylbenzene	<0.000566	U	0.0994	0.08613		mg/Kg		87	70 - 130	10	35
m-Xylene & p-Xylene	<0.00101	U	0.199	0.1725		mg/Kg		87	70 - 130	9	35
o-Xylene	<0.000345	U	0.0994	0.08491		mg/Kg		85	70 - 130	10	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	121		70 - 130								
1,4-Difluorobenzene (Surr)	87		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-27556/1-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27556

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/15/22 08:52	06/15/22 11:07	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/15/22 08:52	06/15/22 11:07	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/15/22 08:52	06/15/22 11:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/15/22 08:52	06/15/22 11:07	1
o-Terphenyl	114		70 - 130				06/15/22 08:52	06/15/22 11:07	1

Lab Sample ID: LCS 880-27556/2-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1104		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1083		mg/Kg		108	70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-27556/2-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27556

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: LCSD 880-27556/3-A

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	837.3	*1	mg/Kg		84	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	1000	1017		mg/Kg		102	70 - 130	6	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-15888-1 MS

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: S-8

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	20.8	J *1	998	838.6		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<15.0	U	998	808.9		mg/Kg		81	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-15888-1 MSD

Matrix: Solid

Analysis Batch: 27563

Client Sample ID: S-8

Prep Type: Total/NA

Prep Batch: 27556

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	20.8	J *1	999	842.4		mg/Kg		82	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<15.0	U	999	851.7		mg/Kg		85	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	92		70 - 130

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27806/1-A
Matrix: Solid
Analysis Batch: 28041

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			06/21/22 13:25	1

Lab Sample ID: LCS 880-27806/2-A
Matrix: Solid
Analysis Batch: 28041

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-27806/3-A
Matrix: Solid
Analysis Batch: 28041

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.9		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-15840-A-1-C MS
Matrix: Solid
Analysis Batch: 28041

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	161		250	402.3		mg/Kg		97	90 - 110

Lab Sample ID: 880-15840-A-1-D MSD
Matrix: Solid
Analysis Batch: 28041

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	161		250	399.7		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 27957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Total/NA	Solid	Total BTEX	

Prep Batch: 27988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Total/NA	Solid	5035	
MB 880-27988/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27988/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27988/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16002-A-7-C MS	Matrix Spike	Total/NA	Solid	5035	
880-16002-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 28002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Total/NA	Solid	8021B	27988
MB 880-27988/5-A	Method Blank	Total/NA	Solid	8021B	27988
LCS 880-27988/1-A	Lab Control Sample	Total/NA	Solid	8021B	27988
LCSD 880-27988/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27988
880-16002-A-7-C MS	Matrix Spike	Total/NA	Solid	8021B	27988
880-16002-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27988

GC Semi VOA

Prep Batch: 27556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Total/NA	Solid	8015NM Prep	
MB 880-27556/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27556/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27556/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15888-1 MS	S-8	Total/NA	Solid	8015NM Prep	
880-15888-1 MSD	S-8	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Total/NA	Solid	8015B NM	27556
MB 880-27556/1-A	Method Blank	Total/NA	Solid	8015B NM	27556
LCS 880-27556/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27556
LCSD 880-27556/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27556
880-15888-1 MS	S-8	Total/NA	Solid	8015B NM	27556
880-15888-1 MSD	S-8	Total/NA	Solid	8015B NM	27556

Analysis Batch: 27668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Soluble	Solid	DI Leach	
MB 880-27806/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27806/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27806/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 27806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15840-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-15840-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 28041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15888-1	S-8	Soluble	Solid	300.0	27806
MB 880-27806/1-A	Method Blank	Soluble	Solid	300.0	27806
LCS 880-27806/2-A	Lab Control Sample	Soluble	Solid	300.0	27806
LCSD 880-27806/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27806
880-15840-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	27806
880-15840-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	27806

Lab Chronicle

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Client Sample ID: S-8 Lab Sample ID: 880-15888-1
Date Collected: 06/13/22 16:00 Matrix: Solid
Date Received: 06/14/22 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27988	06/20/22 16:40	MR	XEN MID
Total/NA	Analysis	8021B		1			28002	06/21/22 14:10	EL	XEN MID
Total/NA	Analysis	Total BTEX		1			27957	06/20/22 14:56	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27668	06/16/22 09:49	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27556	06/15/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27563	06/15/22 12:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	27806	06/17/22 11:40	SC	XEN MID
Soluble	Analysis	300.0		1			28041	06/21/22 19:16	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Talon/LPE
Project/Site: Devon Mean Green 23

Job ID: 880-15888-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15888-1	S-8	Solid	06/13/22 16:00	06/14/22 16:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 15000

www.xenco.com Page _____ of _____

Project Manager:	Kayla Taylor	Bill to: (if different)	
Company Name:	Talona LPE	Company Name:	
Address:	408 W. Texas	Address:	
City, State ZIP:	Abilene, TX 79601	City, State ZIP:	
Phone:	432-210-5443	Email:	ktaylor@talonalpe.com

Work Order Comments				
Program:	UST/PST <input type="checkbox"/>	PRP <input type="checkbox"/>	Brownfields <input type="checkbox"/>	RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:				
Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables	EDD <input type="checkbox"/>	Adapt	<input type="checkbox"/>	Other



Project Name:	Duron, M. O. G. (b) 2003		Turn Around	
Project Number:	700794, 368.01		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code
Project Location	Lea Co, NM		Due Date	
Sampler's Name:	K. Taylor		TAT starts the day received by the lab if received by 4:30pm	
PO #				
SAMPLE RECEIPT	Tamp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Samples Received Intact:	(Yes) <input checked="" type="checkbox"/> (No) <input type="checkbox"/>	Thermometer ID:		112
Cooler Custody Seals	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:		57.9
Total Containers:		Corrected Temperature:		
Parameters				
PH 8.05M				
TEX				
Iodides 3000				
ANALYSIS REQUEST				
Preservative Codes				
None	NO	DI Water	H ₂ O	
Cool	Cool	MeOH	Me	
HCL	HC	HNO ₃	HN	
H ₂ SO ₄	H ₂	NaOH	Na	
H ₃ PO ₄	HP			
NaHSO ₄	NABIS			
Na ₂ S ₂ O ₃	NaSO ₃			
Zn Acetate	+NaOH	Zn		
NaOH	+Ascorbic Acid	5APC		

[illegible]

880-15888 Chain of Custody

[illegible]

Notice: Signature of this document at reimbursement of samples constitutes a valid purchase order from client company to Eurofins Xeno. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		6/14/22			
		16:30			

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 880-15888-1

SDG Number: Lea Co, NM

Login Number: 15888

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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 171480

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 171480
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue. The OCD will not close a release, where contaminants are left in place, due to close proximity to equipment. The incident will only be closed after all contaminated soil has been remediated to meet OCD Spill Rule Standards.	1/26/2023