Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NMCS0314035020
District RP	
Facility ID	
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Clinton Talley Title: EHS

Signature: Clint Talley Date: 5/3/2023

email: clinton.talley@matadorresources.com Telephone: 337-319-8398

OCD Only

Received by: Jocelyn Harimon Date: 05/03/2023

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

Closure Approved by: Robert Hamlet Date: 9/15/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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TALON LPE

Closure Report

Travis Bassett-Birney #001
Eddy County, New Mexico
API ID # 30-015-22370
Incident # NMCS0314035020

Prepared For:

Matador Resources
5347 N. 26th Street 2nd Floor.
Artesia, NM 88210

Prepared By:

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

May 3, 2023

NMOCD
506 W. Texas Ave
Artesia, NM 88210

Subject: **Closure Report**
Travis Bassett-Birney #001
Eddy County, New Mexico
API # 30-015-22370
Incident # NMCS0314035020

To Whom It May Concern,

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

Site Information

The Travis Bassett-Birney #001 is located approximately 17.5 miles east of Artesia, New Mexico. The legal location for this release is Unit Letter J, Section 07, Township 18 South and Range 29 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.7600708 and -104.1119537. A Site Location Map is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is comprised of Simona-Bippus complex with, 0 to 5 percent slopes. The referenced soil data is presented in Appendix ll. Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of the Eolian and Piedmont deposits, Holocene to middle Pleistocene in age.

Groundwater and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 3 miles from the site and is recorded at 180 feet below ground surface (bgs). Further research of the Bureau of Land Management Karst data indicates that this site is situated within a low potential Karst area. The FEMA data base locates the site in a minimal flood hazard zone.

Approximate Depth to Groundwater	**180 feet bgs**

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

With no depth to water source available that meets New Mexico Oil Conservation Division's (NMOCD) criteria within ½ mile of the site, the responsible party must therefore adhere to the cleanup criteria for this site of groundwater less than 50 feet bgs, Table I, NMOCD Rule 19.15.29 NMAC.

Table I
Closure Criteria for Soils Impacted by a Release

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

Incident Description

Matador Resources personnel noted a historical spill had been reported on May 9, 2009, that needed to be addressed. The C-141 submitted to the NMOCD, incident number NMCS0314035020, stated that the cuase of the release was unknown.Approximately 10 barrels (bbls) of condensate was released with 0 bbls recovered. The site location map is presented in Appendix I.

Site Assessment

On December 9, 2022, upon client authorization, Talon mobilized personnel to the site to conduct an initial site assessment. The impacted area was photographed, sampled utilizing a hand auger, and mapped. All soil samples were properly packaged in laboratory provided glassware, preserved on ice in the custody of Talon personnel, and transported to Eurofins Analytical Laboratory for analysis of Total Chlorides (Method MCAWW 300), Total Petroleum Hydrocarbons (TPH via Method SW846 8015B NM), and Volatile Organics (BTEX, EPA Method 8021B). Sample locations are shown on the attached Figure 2 in Appendix I and the results of our sampling event are presented below.

Table 1
Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			**50 mg/kg**	**10 mg/kg**	**DRO + GRO + MRO combined = 100 mg/kg**			**100 mg/kg**	**600 mg/kg**
S-1	12/09/2022	0’	ND	ND	24.8	ND	ND	24.8	5.5
	12/09/2022	1’	ND	ND	27.9	ND	ND	27.9	1.8
	12/09/2022	2’R	ND	ND	30.6	ND	ND	30.6	2.3
S-2	12/09/2022	0’	ND	ND	26.8	ND	ND	26.8	1.7
	12/09/2022	1’	ND	ND	27.6	ND	ND	27.6	1.1
	12/09/2022	2’	ND	ND	24.5	ND	ND	24.5	1.5
	12/09/2022	3’	ND	ND	31.1	ND	ND	31.1	28.3
	12/09/2022	4’	ND	ND	18.1	ND	ND	18.1	78.8
S-3	12/09/2022	0’R	ND	ND	31.3	ND	ND	21.3	2.7
S-4	12/09/2022	0’	ND	ND	26.1	ND	ND	26.1	7.4
	1/19/2023	3’R	ND	ND	22.5	ND	16.8	55.6	315
S-5	12/09/2022	0’	ND	ND	27.6	ND	ND	27.6	2.8
	1/19/2023	3’R	ND	ND	77.4	ND	ND	77.4	108
S-6	1/19/2023	1’	ND	ND	28.4	25.2	28.9	82.5	45.5
	1/19/2023	3’R	ND	ND	17.7	ND	ND	17.7	276
S-7	1/19/2023	1’	ND	ND	32.0	19.6	ND	51.6	20.9
	1/19/2023	3’	ND	ND	ND	ND	ND	ND	26.6
	1/19/2023	6’	ND	ND	ND	37.8	ND	37.8	44.6
S-8	1/19/2023	1’	ND	ND	25.3	ND	ND	25.3	9.7
	1/19/2023	3’	ND	ND	28.9	20.3	ND	49.2	23.9
	1/19/2023	6’	ND	ND	ND	ND	ND	ND	254
ND = Analyte Not Detected									

Remedial Actions

Based on the laboratory analytical results from the initial site assessment, Talon concludes that the location meets the closure criteria required by NMOCD. Therefore no remedial actions were deemed necessary.

Closure

On behalf of Matador Resources, we respectfully request that no further actions be required and that closure of this incident be granted.

Respectfully submitted,

Talon/LPE

Chad Hensley
Project Manager

Attachments:

Appendix I Site Maps
Appendix II Groundwater Data, Soil Survey, FEMA Flood Map
Appendix III C-141 Form
Appendix IV Photo Documentation
Appendix V Laboratory Report

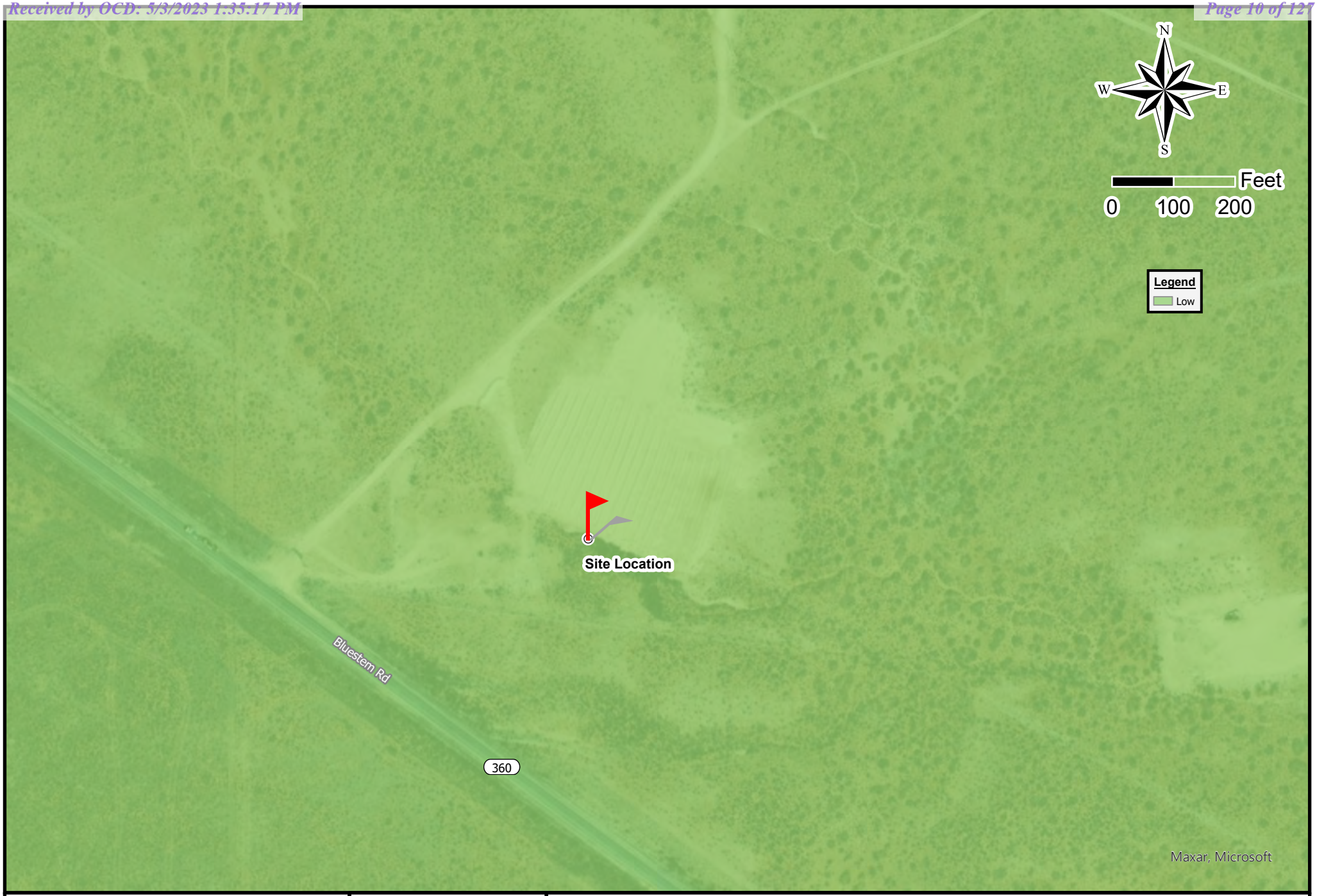
Appendix I

Site Maps

TALON LPE

Drafted: 2/27/2023
1 in = 100 ft
Drafted By: IJR

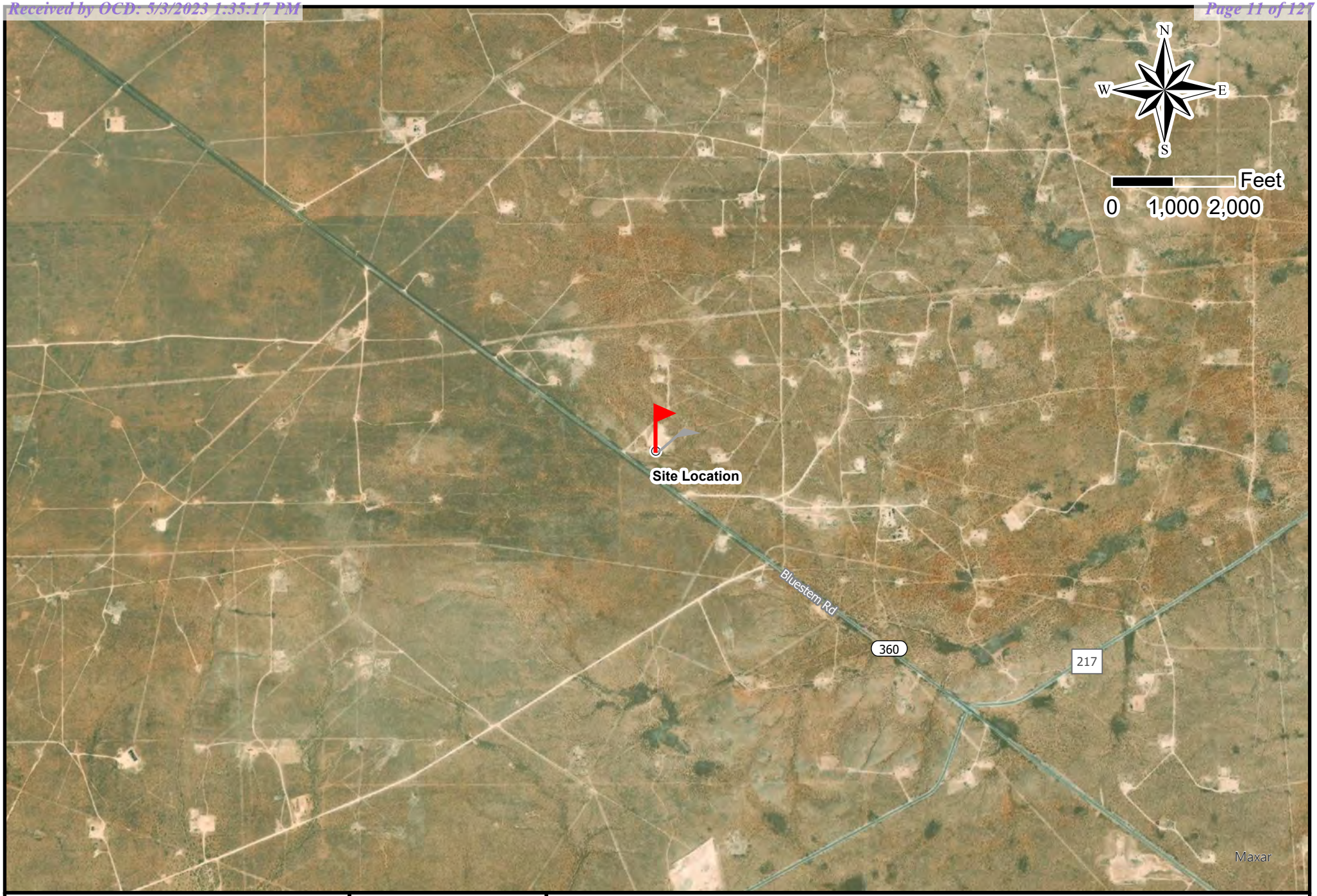
Matador Production Co.
Travis Basses-Birney #001
Eddy County, NM
Assessment Map



TALON LPE

Drafted: 2/27/2023
1 in = 200 ft
Drafted By: IJR

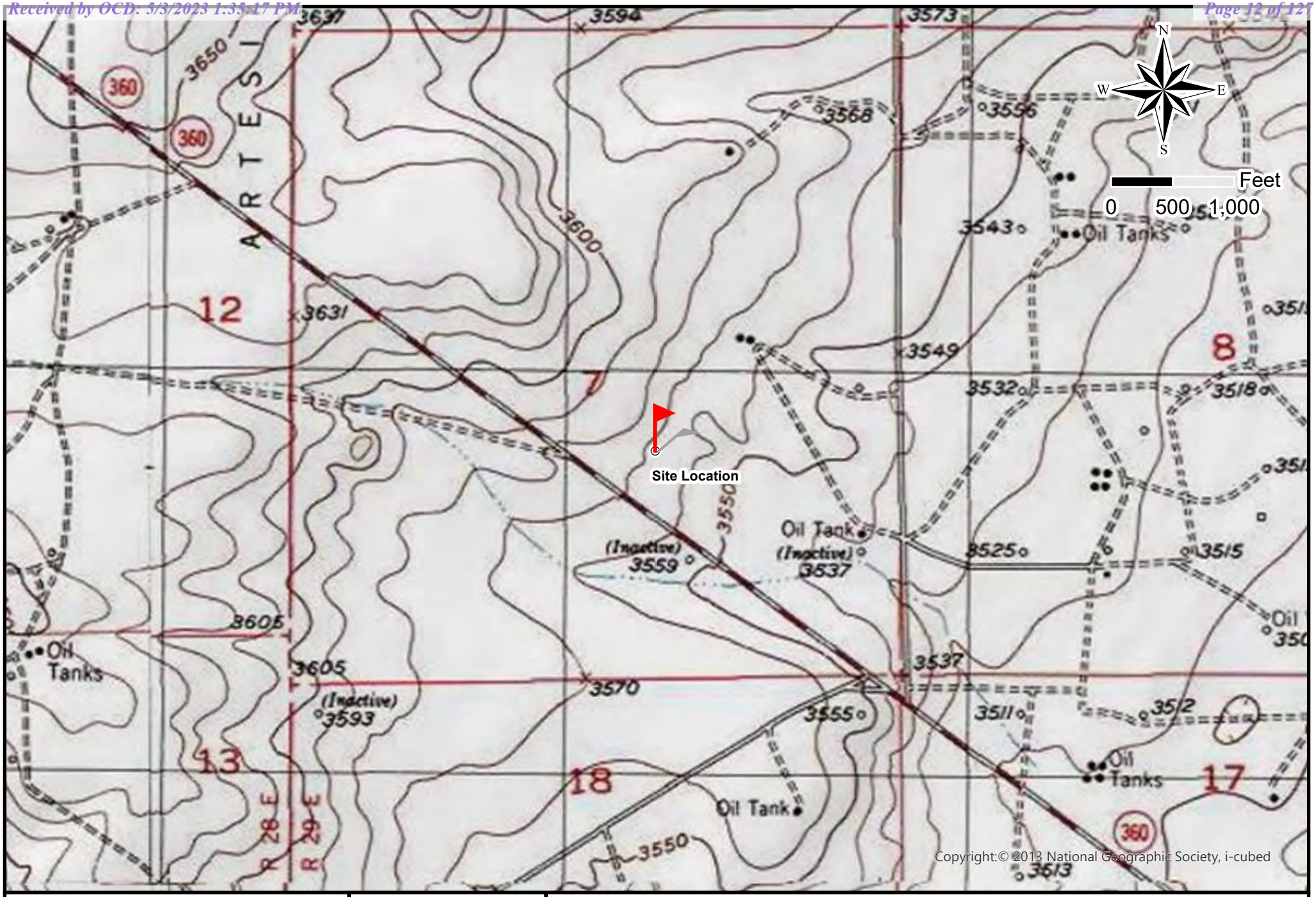
Matador Production Co.
Travis Basses-Birney #001
Eddy County, NM
Karst Map



TALON LPE

Drafted: 2/27/2023
1 in = 2,000 ft
Drafted By: IJR

Matador Production Co.
Travis Basses-Birney #001
Eddy County, NM
Site Map



TALON LPE

Drafted: 2/27/2023
1 in = 1,000 ft
Drafted By: IJR

Matador Production Co.
Travis Basses-Birney #001
Eddy County, NM
Topographic Map

Appendix II

Groundwater Data

Soil Survey

FEMA Flood Map

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 01618 POD1	CP	ED	3	4	2	29	18S	29E	585120	3620554	4888	240	180	60

Average Depth to Water: **180 feet**

Minimum Depth: **180 feet**

Maximum Depth: **180 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

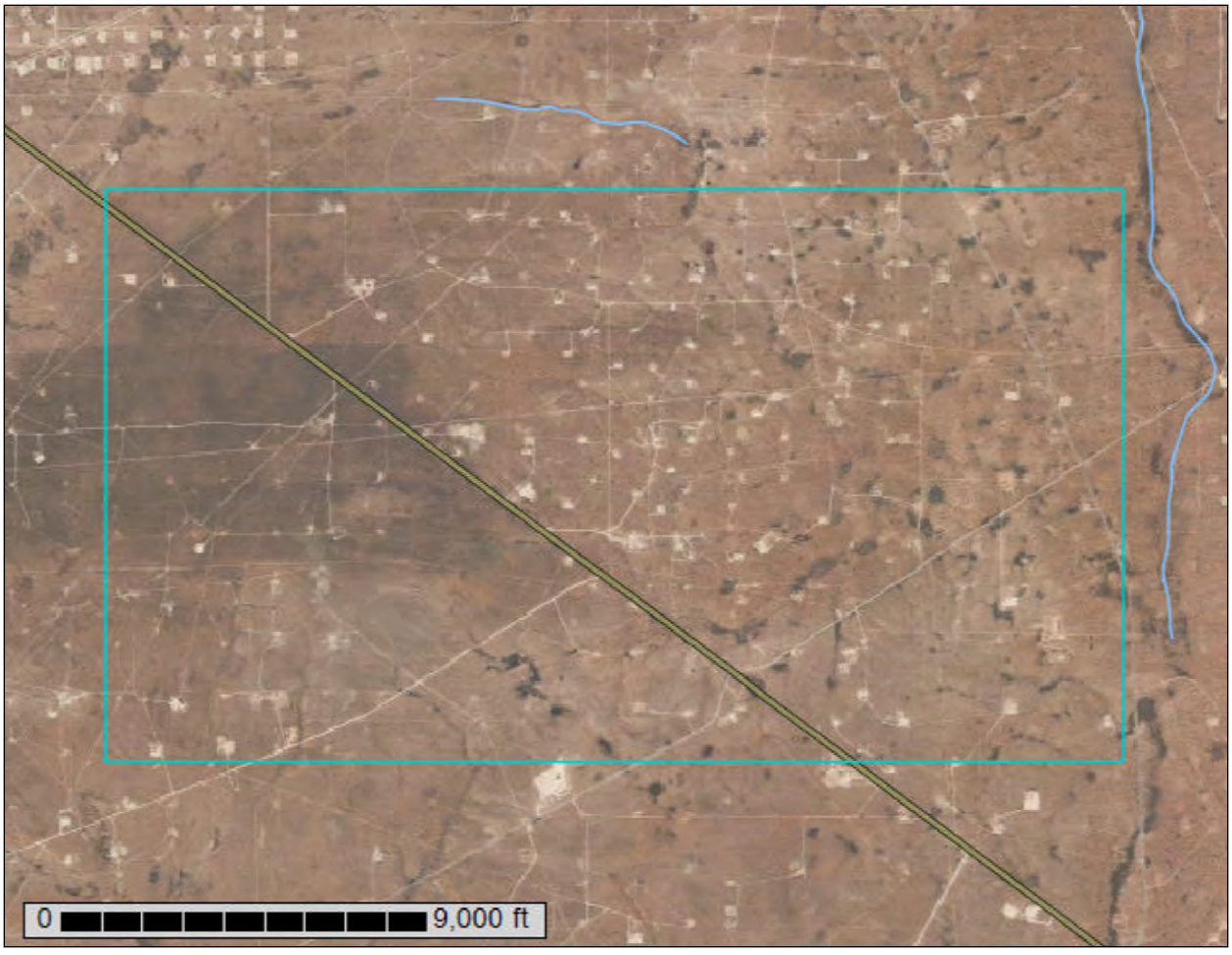
Easting (X): 583178.42 **Northing (Y):** 3625040.93 **Radius:** 5000

United States Department of Agriculture

Natural Resources Conservation Service

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

Custom Soil Resource Report for Eddy Area, New Mexico

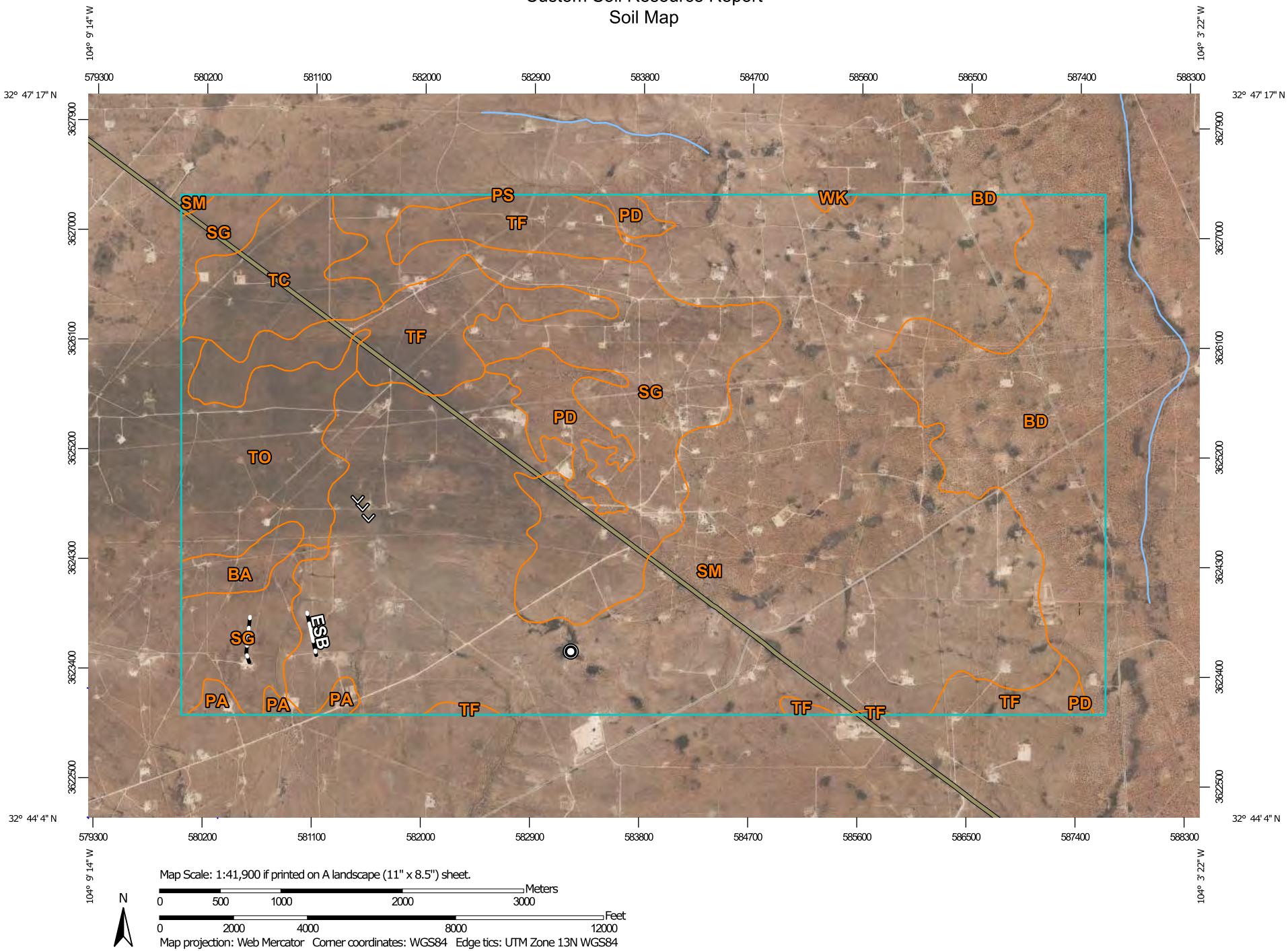


February 16, 2023

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

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

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BA	Berino loamy fine sand, 0 to 3 percent slopes	78.2	1.0%
BD	Berino-Dune land complex, 0 to 3 percent slopes	885.2	11.0%
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	47.6	0.6%
PD	Pajarito-Dune land complex, 0 to 3 percent slopes	193.9	2.4%
PS	Potter-Simona complex, 5 to 25 percent slopes	0.0	0.0%
SG	Simona gravelly fine sandy loam, 0 to 3 percent slopes	1,317.0	16.3%
SM	Simona-Bippus complex, 0 to 5 percent slopes	4,109.1	50.9%
TC	Tonuco loamy sand, 0 to 3 percent slopes, eroded	316.9	3.9%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	673.4	8.3%
TO	Tonuco-Berino loamy sands, 0 to 5 percent slopes	441.8	5.5%
WK	Wink loamy fine sand, 0 to 3 percent slopes, eroded	7.8	0.1%
Totals for Area of Interest		**8,071.7**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called

Eddy Area, New Mexico

BA—Berino loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w42
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 12 inches: loamy fine sand
H2 - 12 to 58 inches: sandy clay loam
H3 - 58 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

BD—Berino-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w44
Elevation: 2,450 to 5,500 feet
Mean annual precipitation: 8 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 45 percent
Dune land: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sandy loam
H2 - 17 to 50 inches: sandy clay loam
H3 - 50 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 7.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dune fields
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: sandy loam
H2 - 6 to 60 inches: sandy loam

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydric soil rating: No

Minor Components

Cacique

Percent of map unit: 5 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Kermit

Percent of map unit: 5 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Active dune land

Percent of map unit: 5 percent
Hydric soil rating: No

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w54
Elevation: 2,700 to 5,500 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand
H2 - 13 to 36 inches: fine sandy loam
H3 - 36 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: Very low
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: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Berino

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

PD—Pajarito-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w55
Elevation: 3,000 to 5,000 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 46 percent
Dune land: 45 percent
Minor components: 9 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: fine sandy loam
H2 - 9 to 36 inches: fine sandy loam
H3 - 36 to 72 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: Very low
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: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dune fields
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: sandy loam
H2 - 6 to 60 inches: sandy loam

Interpretive groups

Land capability classification (irrigated): None specified
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent
Hydric soil rating: No

Largo

Percent of map unit: 4 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

PS—Potter-Simona complex, 5 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w57
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Potter and similar soils: 80 percent
Simona and similar soils: 15 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Potter

Setting

Landform: Ridges, hills
Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope
Landform position (three-dimensional): Side slope, head slope, nose slope, crest
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Alluvium

Typical profile

H1 - 0 to 10 inches: gravelly loam
H2 - 10 to 60 inches: cemented material

Properties and qualities

Slope: 5 to 25 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 60 percent
Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 11 inches: gravelly fine sandy loam
H2 - 11 to 19 inches: gravelly fine sandy loam
H3 - 19 to 60 inches: cemented material

Properties and qualities

Slope: 5 to 10 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 3 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Rock outcrop

Percent of map unit: 2 percent
Hydric soil rating: No

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5w
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 4 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Playa

Percent of map unit: 1 percent
Landform: Playas
Landform position (three-dimensional): Talf
Down-slope shape: Concave, convex
Across-slope shape: Concave, linear
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: Yes

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x
Elevation: 1,800 to 5,000 feet
Mean annual precipitation: 8 to 24 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent
Bippus and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: OccasionalNone
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

TC—Tonuco loamy sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w60
Elevation: 3,000 to 4,100 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 200 to 217 days
Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 5 inches: loamy sand
H2 - 5 to 15 inches: loamy fine sand
H3 - 15 to 19 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 6 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Tonuco

Percent of map unit: 1 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

TF—Tonuco loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w61
Elevation: 3,000 to 4,100 feet

Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 200 to 217 days
Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 5 inches: loamy fine sand
H2 - 5 to 15 inches: loamy fine sand
H3 - 15 to 19 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 6 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Tonuco

Percent of map unit: 1 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

TO—Tonuco-Berino loamy sands, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w63
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 60 percent
Berino and similar soils: 30 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Alluvial fans, plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 5 inches: loamy sand
H2 - 5 to 15 inches: loamy fine sand
H3 - 15 to 19 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 6 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: loamy sand
H2 - 17 to 50 inches: sandy clay loam
H3 - 50 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.3 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Tonuco

Percent of map unit: 5 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Pajarito

Percent of map unit: 5 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

WK—Wink loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w6c
Elevation: 2,700 to 5,000 feet
Mean annual precipitation: 5 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Wink and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wink

Setting

Landform: Swales, depressions
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 8 inches: loamy fine sand
H2 - 8 to 38 inches: fine sandy loam
H3 - 38 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: Very low
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: 30 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 5.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 1 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Simona

Percent of map unit: 1 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

National Flood Hazard Layer FIRMette

FEMA

104°7'2"W 32°45'51"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°6'24"W 32°45'21"N

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

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

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *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*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

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

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 2/16/2023 at 11:46 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Appendix III

C-141 Forms

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	NMCS0314035020
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Matador Resources	OGRID 228937
Contact Name Clinton Talley	Contact Telephone 337-319-8398
Contact email clinton.talley@matadorresources.com	Incident # *(assigned by OCD)* NMCS0314035020
Contact mailing address 5347 N. 26th St. 2nd Floor, Artesia, NM 88210	

Location of Release Source

Latitude 32.7600708 Longitude -104.1119537
(NAD 83 in decimal degrees to 5 decimal places)

Site Name TRAVIS BASSETT-BIRNEY #001	Site Type Gas
Date Release Discovered 05/09/2003	API# *(if applicable)* 30-015-22370

Unit Letter	Section	Township	Range	County
J	07	18S	29E	Eddy County, NM

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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☑ Condensate	Volume Released (bbls) 10 bbl	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Unknown

State of New Mexico
Oil Conservation Division

Incident ID	NMCS0314035020
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ 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

- ☑ The source of the release has been stopped.
- ☑ The impacted area has been secured to protect human health and the environment.
- ☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Clinton Talley Title: EHS

Signature: Clint Talley Date: 5/3/2023

email: clinton.talley@matadorresources.com Telephone: 337-319-8398

OCD Only

Received by: Jocelyn Harimon Date: 05/03/2023

State of New Mexico
Oil Conservation Division

Incident ID	NMCS0314035020
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal 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
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☑ Field data
☑ Data table of soil contaminant concentration data
☑ Depth to water determination
☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☑ Boring or excavation logs
☑ Photographs including date and GIS information
☑ Topographic/Aerial maps
☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	NMCS0314035020
District RP	
Facility ID	
Application ID	

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: Clint Talley Title: EHS

Signature: Clint Talley Date: 5/3/2023

email: clinton.talley@matadorresources.com Telephone: 337-319-8398

OCD Only

Received by: Jocelyn Harimon Date: 05/03/2023

State of New Mexico
Oil Conservation Division

Incident ID	NMCS0314035020
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NMCS0314035020
District RP	
Facility ID	
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Clinton Talley Title: EHS

Signature: Clint Talley Date: 5/3/2023

email: clinton.talley@matadorresources.com Telephone: 337-319-8398

OCD Only

Received by: Jocelyn Harimon Date: 05/03/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix IV

Photographic Documentation


Matador TRAVIS BASSETT-BIRNEY
S-1
12 09 2022 10:05 AM
32.75986, -104.11245
Bluestem Rd, Artesia, NMA


Matador TRAVIS BASSETT-BIRNEY
S-2
12.09.2022 10:39 AM
32.75979, -104.11228
Bluestem Rd, Artesia, NM


Matador TRAVIS BASSETT-BIRNEY
S-3
12.09.2022 11:07 AM
32.75969, -104.11203
Bluestem Rd, Artesia, NM


TRAVIS BASSETT-BIRNEY #001
S-4
01.19.2023 10:15 AM
32.75958, -104.1117
Bluestem Rd, Artesia, NM


Matador TRAVIS BASSETT-BIRNEY
S-4
12.09.2022 11:13 AM
32.75956, -104.11164
Bluestem Rd, Artesia, NM


TRAVIS BASSETT-BIRNEY #001
S-5
01.19.2023 10:01 AM
32.75953, -104.11164
Bluestem Rd, Artesia, NMA


TRAVIS BASSETT-BIRNEY #001
S-6
01.19.2023 10:26 AM
32.75958, -104.11181
Bluestem Rd, Artesia, NMA


TRAVIS BASSETT-BIRNEY #001
S-7
01.19.2023 10:43 AM
32.75968, -104.11204
Bluestem Rd, Artesia, NM


TRAVIS BASSETT-BIRNEY #001
S-8
01.19.2023 11:18 AM
32.75984, -104.11249
Bluestem Rd, Artesia, NMA

Appendix V

Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
Talon/LPE
408 W. Texas St.
Artesia, New Mexico 88210

Generated 12/22/2022 10:28:09 AM

JOB DESCRIPTION

TRAVIS BASSETT BIRNEY #001
SDG NUMBER Rural County NM

JOB NUMBER

890-3632-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

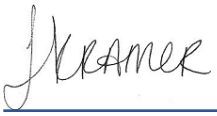
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/22/2022 10:28:09 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Laboratory Job ID: 890-3632-1
SDG: Rural County NM

Table of Contents

Definitions/Glossary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Qualifiers

GC/MS VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Job ID: 890-3632-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3632-1

Receipt
The samples were received on 12/13/2022 11:22 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 2.0°C

GC/MS VOA
Method 8260D: Sample received in a bulk jar.S-1 (890-3632-2), S-1 (890-3632-3), S-2 (890-3632-4), S-2 (890-3632-5), S-2 (890-3632-6), S-2 (890-3632-7), S-2 (890-3632-8), S-3 (890-3632-9), S-4 (890-3632-10) and S-5 (890-3632-11)

Method 8260D: Sample received in a bulk jar.S-1 (890-3632-1), (890-3620-A-15-C) and (890-3620-A-15-D MS)

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 880-41841 and analytical batch 880-42076 contained Gasoline Range Organics (GRO)-C6-C10 and 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.

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: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-1

Lab Sample ID: 890-3632-1
Matrix: Solid
Date Collected: 12/09/22 09:34
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000729	U	0.000994	0.000729	mg/Kg		12/19/22 10:21	12/20/22 09:31	1
Toluene	<0.00190	U	0.00497	0.00190	mg/Kg		12/19/22 10:21	12/20/22 09:31	1
Ethylbenzene	<0.000661	U	0.000994	0.000661	mg/Kg		12/19/22 10:21	12/20/22 09:31	1
m,p-Xylenes	<0.000795	U	0.00199	0.000795	mg/Kg		12/19/22 10:21	12/20/22 09:31	1
o-Xylene	<0.000895	U	0.000994	0.000895	mg/Kg		12/19/22 10:21	12/20/22 09:31	1
Xylenes, Total	<0.000895	U	0.00199	0.000895	mg/Kg		12/19/22 10:21	12/20/22 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*12/19/22 10:21*	*12/20/22 09:31*	*1*
4-Bromofluorobenzene (Surr)	*84*		*68 - 152*	*12/19/22 10:21*	*12/20/22 09:31*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*12/19/22 10:21*	*12/20/22 09:31*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*12/19/22 10:21*	*12/20/22 09:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000795	U	0.00199	0.000795	mg/Kg			12/20/22 16:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**24.8**	**J**	49.9	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**24.8**	**J B**	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 03:34	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 03:34	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*12/14/22 14:38*	*12/18/22 03:34*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/14/22 14:38*	*12/18/22 03:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.45**		4.98	0.393	mg/Kg			12/20/22 19:24	1

Client Sample ID: S-1

Lab Sample ID: 890-3632-2
Matrix: Solid
Date Collected: 12/09/22 09:48
Date Received: 12/13/22 11:22
Sample Depth: 1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000733	U	0.00100	0.000733	mg/Kg		12/19/22 10:21	12/20/22 01:19	1
Toluene	<0.00191	U	0.00500	0.00191	mg/Kg		12/19/22 10:21	12/20/22 01:19	1
Ethylbenzene	<0.000665	U	0.00100	0.000665	mg/Kg		12/19/22 10:21	12/20/22 01:19	1
m,p-Xylenes	<0.000800	U	0.00200	0.000800	mg/Kg		12/19/22 10:21	12/20/22 01:19	1
o-Xylene	<0.000900	U	0.00100	0.000900	mg/Kg		12/19/22 10:21	12/20/22 01:19	1
Xylenes, Total	<0.000900	U	0.00200	0.000900	mg/Kg		12/19/22 10:21	12/20/22 01:19	1

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-1

Lab Sample ID: 890-3632-2
Matrix: Solid
Date Collected: 12/09/22 09:48
Date Received: 12/13/22 11:22
Sample Depth: 1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*12/19/22 10:21*	*12/20/22 01:19*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 10:21*	*12/20/22 01:19*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*12/19/22 10:21*	*12/20/22 01:19*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*12/19/22 10:21*	*12/20/22 01:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000800	U	0.00200	0.000800	mg/Kg			12/20/22 16:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**27.9**	**J**	50.0	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**27.9**	**J B**	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 03:56	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 03:56	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 03:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*12/14/22 14:38*	*12/18/22 03:56*	*1*
o-Terphenyl	*112*		*70 - 130*	*12/14/22 14:38*	*12/18/22 03:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.78**	**J**	5.04	0.398	mg/Kg			12/20/22 19:32	1

Client Sample ID: S-1

Lab Sample ID: 890-3632-3
Matrix: Solid
Date Collected: 12/09/22 09:52
Date Received: 12/13/22 11:22
Sample Depth: 2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000733	U	0.00100	0.000733	mg/Kg		12/19/22 10:21	12/20/22 01:40	1
Toluene	<0.00191	U	0.00500	0.00191	mg/Kg		12/19/22 10:21	12/20/22 01:40	1
Ethylbenzene	<0.000665	U	0.00100	0.000665	mg/Kg		12/19/22 10:21	12/20/22 01:40	1
m,p-Xylenes	<0.000800	U	0.00200	0.000800	mg/Kg		12/19/22 10:21	12/20/22 01:40	1
o-Xylene	<0.000900	U	0.00100	0.000900	mg/Kg		12/19/22 10:21	12/20/22 01:40	1
Xylenes, Total	<0.000900	U	0.00200	0.000900	mg/Kg		12/19/22 10:21	12/20/22 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*12/19/22 10:21*	*12/20/22 01:40*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 10:21*	*12/20/22 01:40*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*12/19/22 10:21*	*12/20/22 01:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*12/19/22 10:21*	*12/20/22 01:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000800	U	0.00200	0.000800	mg/Kg			12/20/22 16:20	1

Eurofins Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-1

Date Collected: 12/09/22 09:52
Date Received: 12/13/22 11:22
Sample Depth: 2

Lab Sample ID: 890-3632-3
Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30.6	J	50.0	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	30.6	J B	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 04:39	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 04:39	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*12/14/22 14:38*	*12/18/22 04:39*	*1*
o-Terphenyl	*121*		*70 - 130*	*12/14/22 14:38*	*12/18/22 04:39*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.29	J	5.02	0.397	mg/Kg			12/20/22 19:40	1

Client Sample ID: S-2

Date Collected: 12/09/22 10:01
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Lab Sample ID: 890-3632-4
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000739	U	0.00101	0.000739	mg/Kg		12/19/22 13:32	12/20/22 02:00	1
Toluene	<0.00193	U	0.00504	0.00193	mg/Kg		12/19/22 13:32	12/20/22 02:00	1
Ethylbenzene	<0.000670	U	0.00101	0.000670	mg/Kg		12/19/22 13:32	12/20/22 02:00	1
m,p-Xylenes	<0.000806	U	0.00202	0.000806	mg/Kg		12/19/22 13:32	12/20/22 02:00	1
o-Xylene	<0.000907	U	0.00101	0.000907	mg/Kg		12/19/22 13:32	12/20/22 02:00	1
Xylenes, Total	<0.000907	U	0.00202	0.000907	mg/Kg		12/19/22 13:32	12/20/22 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*12/19/22 13:32*	*12/20/22 02:00*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 13:32*	*12/20/22 02:00*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*12/19/22 13:32*	*12/20/22 02:00*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*12/19/22 13:32*	*12/20/22 02:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000806	U	0.00202	0.000806	mg/Kg			12/20/22 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26.8	J	49.9	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.8	J B	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:01	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:01	1

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-2
Date Collected: 12/09/22 10:01
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Lab Sample ID: 890-3632-4
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*12/14/22 14:38*	*12/18/22 05:01*	*1*
o-Terphenyl	*117*		*70 - 130*	*12/14/22 14:38*	*12/18/22 05:01*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.67**	**J**	4.97	0.393	mg/Kg			12/20/22 19:47	1

Client Sample ID: S-2
Date Collected: 12/09/22 10:42
Date Received: 12/13/22 11:22
Sample Depth: 1

Lab Sample ID: 890-3632-5
Matrix: Solid

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000737	U	0.00101	0.000737	mg/Kg		12/19/22 13:32	12/20/22 02:21	1
Toluene	<0.00192	U	0.00503	0.00192	mg/Kg		12/19/22 13:32	12/20/22 02:21	1
Ethylbenzene	<0.000669	U	0.00101	0.000669	mg/Kg		12/19/22 13:32	12/20/22 02:21	1
m,p-Xylenes	<0.000805	U	0.00201	0.000805	mg/Kg		12/19/22 13:32	12/20/22 02:21	1
o-Xylene	<0.000905	U	0.00101	0.000905	mg/Kg		12/19/22 13:32	12/20/22 02:21	1
Xylenes, Total	<0.000905	U	0.00201	0.000905	mg/Kg		12/19/22 13:32	12/20/22 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*12/19/22 13:32*	*12/20/22 02:21*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 13:32*	*12/20/22 02:21*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*12/19/22 13:32*	*12/20/22 02:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*12/19/22 13:32*	*12/20/22 02:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000805	U	0.00201	0.000805	mg/Kg			12/20/22 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**27.6**	**J**	49.9	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**27.6**	**J B**	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:23	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:23	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/14/22 14:38*	*12/18/22 05:23*	*1*
o-Terphenyl	*103*		*70 - 130*	*12/14/22 14:38*	*12/18/22 05:23*	*1*

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-2

Lab Sample ID: 890-3632-5
Matrix: Solid
Date Collected: 12/09/22 10:42
Date Received: 12/13/22 11:22
Sample Depth: 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.05	J	4.99	0.394	mg/Kg			12/20/22 19:55	1

Client Sample ID: S-2

Lab Sample ID: 890-3632-6
Matrix: Solid
Date Collected: 12/09/22 10:43
Date Received: 12/13/22 11:22
Sample Depth: 2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000726	U	0.000990	0.000726	mg/Kg		12/19/22 10:21	12/20/22 02:41	1
Toluene	<0.00189	U	0.00495	0.00189	mg/Kg		12/19/22 10:21	12/20/22 02:41	1
Ethylbenzene	<0.000658	U	0.000990	0.000658	mg/Kg		12/19/22 10:21	12/20/22 02:41	1
m,p-Xylenes	<0.000792	U	0.00198	0.000792	mg/Kg		12/19/22 10:21	12/20/22 02:41	1
o-Xylene	<0.000891	U	0.000990	0.000891	mg/Kg		12/19/22 10:21	12/20/22 02:41	1
Xylenes, Total	<0.000891	U	0.00198	0.000891	mg/Kg		12/19/22 10:21	12/20/22 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*12/19/22 10:21*	*12/20/22 02:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 10:21*	*12/20/22 02:41*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*12/19/22 10:21*	*12/20/22 02:41*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*12/19/22 10:21*	*12/20/22 02:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000792	U	0.00198	0.000792	mg/Kg			12/20/22 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	24.5	J	50.0	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.5	J B	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:44	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:44	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*12/14/22 14:38*	*12/18/22 05:44*	*1*
o-Terphenyl	*110*		*70 - 130*	*12/14/22 14:38*	*12/18/22 05:44*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.54	J	4.99	0.394	mg/Kg			12/20/22 13:30	1

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-2

Lab Sample ID: 890-3632-7
Matrix: Solid
Date Collected: 12/09/22 10:47
Date Received: 12/13/22 11:22
Sample Depth: 3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000737	U	0.00101	0.000737	mg/Kg		12/19/22 10:21	12/20/22 03:02	1
Toluene	<0.00192	U	0.00503	0.00192	mg/Kg		12/19/22 10:21	12/20/22 03:02	1
Ethylbenzene	<0.000669	U	0.00101	0.000669	mg/Kg		12/19/22 10:21	12/20/22 03:02	1
m,p-Xylenes	<0.000805	U	0.00201	0.000805	mg/Kg		12/19/22 10:21	12/20/22 03:02	1
o-Xylene	<0.000905	U	0.00101	0.000905	mg/Kg		12/19/22 10:21	12/20/22 03:02	1
Xylenes, Total	<0.000905	U	0.00201	0.000905	mg/Kg		12/19/22 10:21	12/20/22 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*12/19/22 10:21*	*12/20/22 03:02*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 10:21*	*12/20/22 03:02*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*12/19/22 10:21*	*12/20/22 03:02*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*12/19/22 10:21*	*12/20/22 03:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000805	U	0.00201	0.000805	mg/Kg			12/20/22 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**31.1**	**J**	49.9	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**31.1**	**J B**	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:06	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:06	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*12/14/22 14:38*	*12/18/22 06:06*	*1*
o-Terphenyl	*115*		*70 - 130*	*12/14/22 14:38*	*12/18/22 06:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.3**		4.95	0.391	mg/Kg			12/20/22 13:37	1

Client Sample ID: S-2

Lab Sample ID: 890-3632-8
Matrix: Solid
Date Collected: 12/09/22 10:52
Date Received: 12/13/22 11:22
Sample Depth: 4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000739	U	0.00101	0.000739	mg/Kg		12/19/22 10:26	12/20/22 03:22	1
Toluene	<0.00193	U	0.00504	0.00193	mg/Kg		12/19/22 10:26	12/20/22 03:22	1
Ethylbenzene	<0.000670	U	0.00101	0.000670	mg/Kg		12/19/22 10:26	12/20/22 03:22	1
m,p-Xylenes	<0.000806	U	0.00202	0.000806	mg/Kg		12/19/22 10:26	12/20/22 03:22	1
o-Xylene	<0.000907	U	0.00101	0.000907	mg/Kg		12/19/22 10:26	12/20/22 03:22	1
Xylenes, Total	<0.000907	U	0.00202	0.000907	mg/Kg		12/19/22 10:26	12/20/22 03:22	1

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-2

Lab Sample ID: 890-3632-8
Matrix: Solid
Date Collected: 12/09/22 10:52
Date Received: 12/13/22 11:22
Sample Depth: 4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*12/19/22 10:26*	*12/20/22 03:22*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*12/19/22 10:26*	*12/20/22 03:22*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*12/19/22 10:26*	*12/20/22 03:22*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*12/19/22 10:26*	*12/20/22 03:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000806	U	0.00202	0.000806	mg/Kg			12/20/22 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**18.1**	**J**	50.0	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**18.1**	**J B**	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:27	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:27	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*12/14/22 14:38*	*12/18/22 06:27*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/14/22 14:38*	*12/18/22 06:27*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.8**		4.96	0.392	mg/Kg			12/20/22 13:45	1

Client Sample ID: S-3

Lab Sample ID: 890-3632-9
Matrix: Solid
Date Collected: 12/09/22 11:10
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000740	U	0.00101	0.000740	mg/Kg		12/19/22 10:26	12/20/22 03:43	1
Toluene	<0.00193	U	0.00505	0.00193	mg/Kg		12/19/22 10:26	12/20/22 03:43	1
Ethylbenzene	<0.000672	U	0.00101	0.000672	mg/Kg		12/19/22 10:26	12/20/22 03:43	1
m,p-Xylenes	<0.000808	U	0.00202	0.000808	mg/Kg		12/19/22 10:26	12/20/22 03:43	1
o-Xylene	<0.000909	U	0.00101	0.000909	mg/Kg		12/19/22 10:26	12/20/22 03:43	1
Xylenes, Total	<0.000909	U	0.00202	0.000909	mg/Kg		12/19/22 10:26	12/20/22 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*12/19/22 10:26*	*12/20/22 03:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*12/19/22 10:26*	*12/20/22 03:43*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*12/19/22 10:26*	*12/20/22 03:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*12/19/22 10:26*	*12/20/22 03:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000808	U	0.00202	0.000808	mg/Kg			12/20/22 16:20	1

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-3

Lab Sample ID: 890-3632-9
Matrix: Solid
Date Collected: 12/09/22 11:10
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.3	J	50.0	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.3	J B	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:49	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:49	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*12/14/22 14:38*	*12/18/22 06:49*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/14/22 14:38*	*12/18/22 06:49*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.67	J	5.00	0.395	mg/Kg			12/20/22 16:04	1

Client Sample ID: S-4

Lab Sample ID: 890-3632-10
Matrix: Solid
Date Collected: 12/09/22 11:14
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000739	U	0.00101	0.000739	mg/Kg		12/19/22 10:26	12/20/22 04:04	1
Toluene	<0.00193	U	0.00504	0.00193	mg/Kg		12/19/22 10:26	12/20/22 04:04	1
Ethylbenzene	<0.000670	U	0.00101	0.000670	mg/Kg		12/19/22 10:26	12/20/22 04:04	1
m,p-Xylenes	<0.000806	U	0.00202	0.000806	mg/Kg		12/19/22 10:26	12/20/22 04:04	1
o-Xylene	<0.000907	U	0.00101	0.000907	mg/Kg		12/19/22 10:26	12/20/22 04:04	1
Xylenes, Total	<0.000907	U	0.00202	0.000907	mg/Kg		12/19/22 10:26	12/20/22 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*12/19/22 10:26*	*12/20/22 04:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*12/19/22 10:26*	*12/20/22 04:04*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*12/19/22 10:26*	*12/20/22 04:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*12/19/22 10:26*	*12/20/22 04:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000806	U	0.00202	0.000806	mg/Kg			12/20/22 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26.1	J	50.0	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.1	J B	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 07:12	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 07:12	1

Eurofins Carlsbad

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-4

Lab Sample ID: 890-3632-10
Matrix: Solid
Date Collected: 12/09/22 11:14
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/18/22 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*12/14/22 14:38*	*12/18/22 07:12*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/14/22 14:38*	*12/18/22 07:12*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.35**		4.98	0.393	mg/Kg			12/20/22 16:09	1

Client Sample ID: S-5

Lab Sample ID: 890-3632-11
Matrix: Solid
Date Collected: 12/09/22 11:19
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000740	U	0.00101	0.000740	mg/Kg		12/19/22 10:26	12/20/22 04:24	1
Toluene	<0.00193	U	0.00505	0.00193	mg/Kg		12/19/22 10:26	12/20/22 04:24	1
Ethylbenzene	<0.000672	U	0.00101	0.000672	mg/Kg		12/19/22 10:26	12/20/22 04:24	1
m,p-Xylenes	<0.000808	U	0.00202	0.000808	mg/Kg		12/19/22 10:26	12/20/22 04:24	1
o-Xylene	<0.000909	U	0.00101	0.000909	mg/Kg		12/19/22 10:26	12/20/22 04:24	1
Xylenes, Total	<0.000909	U	0.00202	0.000909	mg/Kg		12/19/22 10:26	12/20/22 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*12/19/22 10:26*	*12/20/22 04:24*	*1*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*12/19/22 10:26*	*12/20/22 04:24*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*12/19/22 10:26*	*12/20/22 04:24*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*12/19/22 10:26*	*12/20/22 04:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000808	U	0.00202	0.000808	mg/Kg			12/20/22 16:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**27.6**	**J**	49.9	15.0	mg/Kg			12/19/22 15:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**27.6**	**J B**	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 07:34	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 07:34	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		12/14/22 14:38	12/18/22 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*12/14/22 14:38*	*12/18/22 07:34*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/14/22 14:38*	*12/18/22 07:34*	*1*

Client Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-5
Date Collected: 12/09/22 11:19
Date Received: 12/13/22 11:22
Sample Depth: SURFACE

Lab Sample ID: 890-3632-11
Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.80	J	4.96	0.392	mg/Kg			12/20/22 16:13	1

Surrogate Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
890-3632-1	S-1	100	84	94	92
890-3632-2	S-1	104	103	103	101
890-3632-3	S-1	106	103	101	101
890-3632-4	S-2	106	103	105	100
890-3632-5	S-2	110	103	103	101
890-3632-6	S-2	105	103	101	101
890-3632-7	S-2	106	103	102	103
890-3632-8	S-2	112	103	101	101
890-3632-9	S-3	109	99	105	100
890-3632-10	S-4	107	101	103	100
890-3632-11	S-5	107	107	107	103
LCS 860-82574/3	Lab Control Sample	105	95	107	104
LCS 860-82575/3	Lab Control Sample	105	95	107	104
LCS 860-82578/3	Lab Control Sample	108	101	107	100
LCSD 860-82574/4	Lab Control Sample Dup	99	99	109	98
LCSD 860-82575/4	Lab Control Sample Dup	99	99	109	98
LCSD 860-82578/4	Lab Control Sample Dup	105	98	107	101
MB 860-82574/7	Method Blank	88	91	95	79
MB 860-82575/7	Method Blank	88	91	95	79
MB 860-82578/7	Method Blank	108	99	102	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (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)
890-3632-1	S-1	106	111
890-3632-2	S-1	110	112
890-3632-3	S-1	121	121
890-3632-4	S-2	120	117
890-3632-5	S-2	101	103
890-3632-6	S-2	105	110
890-3632-7	S-2	115	115
890-3632-8	S-2	103	102
890-3632-9	S-3	107	109
890-3632-10	S-4	101	102
890-3632-11	S-5	111	109
LCS 880-41841/2-A	Lab Control Sample	112	124
LCSD 880-41841/3-A	Lab Control Sample Dup	120	116
MB 880-41841/1-A	Method Blank	115	121

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-82574/7
Matrix: Solid
Analysis Batch: 82574

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000733	U	0.00100	0.000733	mg/Kg			12/20/22 01:19	1
Toluene	<0.00191	U	0.00500	0.00191	mg/Kg			12/20/22 01:19	1
Ethylbenzene	<0.000665	U	0.00100	0.000665	mg/Kg			12/20/22 01:19	1
m,p-Xylenes	<0.000800	U	0.00200	0.000800	mg/Kg			12/20/22 01:19	1
o-Xylene	<0.000900	U	0.00100	0.000900	mg/Kg			12/20/22 01:19	1
Xylenes, Total	<0.000900	U	0.00200	0.000900	mg/Kg			12/20/22 01:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*		*12/20/22 01:19*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*		*12/20/22 01:19*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*		*12/20/22 01:19*	*1*
Toluene-d8 (Surr)	*79*		*70 - 130*		*12/20/22 01:19*	*1*

Lab Sample ID: LCS 860-82574/3
Matrix: Solid
Analysis Batch: 82574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04948		mg/Kg		99	66 - 142		
Toluene			0.0500	0.04918		mg/Kg		98	74 - 130		
Ethylbenzene			0.0500	0.05460		mg/Kg		109	80 - 130		
m,p-Xylenes			0.0500	0.05107		mg/Kg		102	78 - 130		
o-Xylene			0.0500	0.05322		mg/Kg		106	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*107*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-82574/4
Matrix: Solid
Analysis Batch: 82574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04424		mg/Kg		88	66 - 142	11	25
Toluene			0.0500	0.04682		mg/Kg		94	74 - 130	5	25
Ethylbenzene			0.0500	0.05190		mg/Kg		104	80 - 130	5	25
m,p-Xylenes			0.0500	0.05119		mg/Kg		102	78 - 130	0	25
o-Xylene			0.0500	0.04893		mg/Kg		98	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*109*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-82575/7
Matrix: Solid
Analysis Batch: 82575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000733	U	0.00100	0.000733	mg/Kg			12/20/22 01:19	1
Toluene	<0.00191	U	0.00500	0.00191	mg/Kg			12/20/22 01:19	1
Ethylbenzene	<0.000665	U	0.00100	0.000665	mg/Kg			12/20/22 01:19	1
m,p-Xylenes	<0.000800	U	0.00200	0.000800	mg/Kg			12/20/22 01:19	1
o-Xylene	<0.000900	U	0.00100	0.000900	mg/Kg			12/20/22 01:19	1
Xylenes, Total	<0.000900	U	0.00200	0.000900	mg/Kg			12/20/22 01:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*		*12/20/22 01:19*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*		*12/20/22 01:19*	*1*
Dibromofluoromethane (Surr)	*95*		*53 - 142*		*12/20/22 01:19*	*1*
Toluene-d8 (Surr)	*79*		*70 - 130*		*12/20/22 01:19*	*1*

Lab Sample ID: LCS 860-82575/3
Matrix: Solid
Analysis Batch: 82575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04948		mg/Kg		99	66 - 142		
Toluene			0.0500	0.04918		mg/Kg		98	74 - 130		
Ethylbenzene			0.0500	0.05460		mg/Kg		109	80 - 130		
m,p-Xylenes			0.0500	0.05107		mg/Kg		102	78 - 130		
o-Xylene			0.0500	0.05322		mg/Kg		106	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*107*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-82575/4
Matrix: Solid
Analysis Batch: 82575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04424		mg/Kg		88	66 - 142	11	25
Toluene			0.0500	0.04682		mg/Kg		94	74 - 130	5	25
Ethylbenzene			0.0500	0.05190		mg/Kg		104	80 - 130	5	25
m,p-Xylenes			0.0500	0.05119		mg/Kg		102	78 - 130	0	25
o-Xylene			0.0500	0.04893		mg/Kg		98	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*109*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-82578/7
Matrix: Solid
Analysis Batch: 82578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000733	U	0.00100	0.000733	mg/Kg			12/20/22 00:18	1
Toluene	<0.00191	U	0.00500	0.00191	mg/Kg			12/20/22 00:18	1
Ethylbenzene	<0.000665	U	0.00100	0.000665	mg/Kg			12/20/22 00:18	1
m,p-Xylenes	<0.000800	U	0.00200	0.000800	mg/Kg			12/20/22 00:18	1
o-Xylene	<0.000900	U	0.00100	0.000900	mg/Kg			12/20/22 00:18	1
Xylenes, Total	<0.000900	U	0.00200	0.000900	mg/Kg			12/20/22 00:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*		*12/20/22 00:18*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*		*12/20/22 00:18*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*		*12/20/22 00:18*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/20/22 00:18*	*1*

Lab Sample ID: LCS 860-82578/3
Matrix: Solid
Analysis Batch: 82578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04783		mg/Kg		96	66 - 142		
Toluene			0.0500	0.05066		mg/Kg		101	74 - 130		
Ethylbenzene			0.0500	0.05095		mg/Kg		102	80 - 130		
m,p-Xylenes			0.0500	0.05139		mg/Kg		103	78 - 130		
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*107*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-82578/4
Matrix: Solid
Analysis Batch: 82578

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04472		mg/Kg		89	66 - 142	7	25
Toluene			0.0500	0.04732		mg/Kg		95	74 - 130	7	25
Ethylbenzene			0.0500	0.04838		mg/Kg		97	80 - 130	5	25
m,p-Xylenes			0.0500	0.04793		mg/Kg		96	78 - 130	7	25
o-Xylene			0.0500	0.04923		mg/Kg		98	79 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*
Dibromofluoromethane (Surr)	*107*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

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

Lab Sample ID: MB 880-41841/1-A
Matrix: Solid
Analysis Batch: 42076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.76	J	50.0	15.0	mg/Kg		12/14/22 14:38	12/17/22 22:54	1
Diesel Range Organics (Over C10-C28)	16.85	J	50.0	15.0	mg/Kg		12/14/22 14:38	12/17/22 22:54	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		12/14/22 14:38	12/17/22 22:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*12/14/22 14:38*	*12/17/22 22:54*	*1*
o-Terphenyl	*121*		*70 - 130*	*12/14/22 14:38*	*12/17/22 22:54*	*1*

Lab Sample ID: LCS 880-41841/2-A
Matrix: Solid
Analysis Batch: 42076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41841

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1190		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1036		mg/Kg		104	70 - 130		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane			*112*		*70 - 130*
o-Terphenyl			*124*		*70 - 130*

Lab Sample ID: LCSD 880-41841/3-A
Matrix: Solid
Analysis Batch: 42076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1158		mg/Kg		116	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	967.1		mg/Kg		97	70 - 130	7	20

Surrogate			*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane			*120*		*70 - 130*
o-Terphenyl			*116*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41906/1-A
Matrix: Solid
Analysis Batch: 42175

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			12/20/22 09:53	1

QC Sample Results

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-41906/2-A
Matrix: Solid
Analysis Batch: 42175

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.6		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-41906/3-A
Matrix: Solid
Analysis Batch: 42175

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	259.4		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-41927/1-A
Matrix: Solid
Analysis Batch: 42177

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			12/20/22 15:33	1

Lab Sample ID: LCS 880-41927/2-A
Matrix: Solid
Analysis Batch: 42177

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.8		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-41927/3-A
Matrix: Solid
Analysis Batch: 42177

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	231.1		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-41928/1-A
Matrix: Solid
Analysis Batch: 42178

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			12/20/22 16:18	1

Lab Sample ID: LCS 880-41928/2-A
Matrix: Solid
Analysis Batch: 42178

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-41928/3-A
Matrix: Solid
Analysis Batch: 42178

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	248.4		mg/Kg		99	90 - 110	3	20

QC Association Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

GC/MS VOA

Prep Batch: 82490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Total/NA	Solid	5035	
890-3632-2	S-1	Total/NA	Solid	5035	
890-3632-3	S-1	Total/NA	Solid	5035	
890-3632-6	S-2	Total/NA	Solid	5035	
890-3632-7	S-2	Total/NA	Solid	5035	
890-3632-8	S-2	Total/NA	Solid	5035	
890-3632-9	S-3	Total/NA	Solid	5035	
890-3632-10	S-4	Total/NA	Solid	5035	
890-3632-11	S-5	Total/NA	Solid	5035	

Prep Batch: 82546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-4	S-2	Total/NA	Solid	5035	
890-3632-5	S-2	Total/NA	Solid	5035	

Analysis Batch: 82574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-82574/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-82574/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-82574/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 82575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Total/NA	Solid	8260D	82490
MB 860-82575/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-82575/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-82575/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 82578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-2	S-1	Total/NA	Solid	8260D	82490
890-3632-3	S-1	Total/NA	Solid	8260D	82490
890-3632-4	S-2	Total/NA	Solid	8260D	82546
890-3632-5	S-2	Total/NA	Solid	8260D	82546
890-3632-6	S-2	Total/NA	Solid	8260D	82490
890-3632-7	S-2	Total/NA	Solid	8260D	82490
890-3632-8	S-2	Total/NA	Solid	8260D	82490
890-3632-9	S-3	Total/NA	Solid	8260D	82490
890-3632-10	S-4	Total/NA	Solid	8260D	82490
890-3632-11	S-5	Total/NA	Solid	8260D	82490
MB 860-82578/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-82578/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-82578/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 82846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Total/NA	Solid	Total BTEX	
890-3632-2	S-1	Total/NA	Solid	Total BTEX	
890-3632-3	S-1	Total/NA	Solid	Total BTEX	
890-3632-4	S-2	Total/NA	Solid	Total BTEX	
890-3632-5	S-2	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

GC/MS VOA (Continued)

Analysis Batch: 82846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-6	S-2	Total/NA	Solid	Total BTEX	
890-3632-7	S-2	Total/NA	Solid	Total BTEX	
890-3632-8	S-2	Total/NA	Solid	Total BTEX	
890-3632-9	S-3	Total/NA	Solid	Total BTEX	
890-3632-10	S-4	Total/NA	Solid	Total BTEX	
890-3632-11	S-5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 41841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Total/NA	Solid	8015NM Prep	
890-3632-2	S-1	Total/NA	Solid	8015NM Prep	
890-3632-3	S-1	Total/NA	Solid	8015NM Prep	
890-3632-4	S-2	Total/NA	Solid	8015NM Prep	
890-3632-5	S-2	Total/NA	Solid	8015NM Prep	
890-3632-6	S-2	Total/NA	Solid	8015NM Prep	
890-3632-7	S-2	Total/NA	Solid	8015NM Prep	
890-3632-8	S-2	Total/NA	Solid	8015NM Prep	
890-3632-9	S-3	Total/NA	Solid	8015NM Prep	
890-3632-10	S-4	Total/NA	Solid	8015NM Prep	
890-3632-11	S-5	Total/NA	Solid	8015NM Prep	
MB 880-41841/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41841/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41841/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 42076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Total/NA	Solid	8015B NM	41841
890-3632-2	S-1	Total/NA	Solid	8015B NM	41841
890-3632-3	S-1	Total/NA	Solid	8015B NM	41841
890-3632-4	S-2	Total/NA	Solid	8015B NM	41841
890-3632-5	S-2	Total/NA	Solid	8015B NM	41841
890-3632-6	S-2	Total/NA	Solid	8015B NM	41841
890-3632-7	S-2	Total/NA	Solid	8015B NM	41841
890-3632-8	S-2	Total/NA	Solid	8015B NM	41841
890-3632-9	S-3	Total/NA	Solid	8015B NM	41841
890-3632-10	S-4	Total/NA	Solid	8015B NM	41841
890-3632-11	S-5	Total/NA	Solid	8015B NM	41841
MB 880-41841/1-A	Method Blank	Total/NA	Solid	8015B NM	41841
LCS 880-41841/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41841
LCSD 880-41841/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41841

Analysis Batch: 42201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Total/NA	Solid	8015 NM	
890-3632-2	S-1	Total/NA	Solid	8015 NM	
890-3632-3	S-1	Total/NA	Solid	8015 NM	
890-3632-4	S-2	Total/NA	Solid	8015 NM	
890-3632-5	S-2	Total/NA	Solid	8015 NM	
890-3632-6	S-2	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

GC Semi VOA (Continued)

Analysis Batch: 42201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-7	S-2	Total/NA	Solid	8015 NM	
890-3632-8	S-2	Total/NA	Solid	8015 NM	
890-3632-9	S-3	Total/NA	Solid	8015 NM	
890-3632-10	S-4	Total/NA	Solid	8015 NM	
890-3632-11	S-5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-6	S-2	Soluble	Solid	DI Leach	
890-3632-7	S-2	Soluble	Solid	DI Leach	
890-3632-8	S-2	Soluble	Solid	DI Leach	
MB 880-41906/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41906/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41906/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 41927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-9	S-3	Soluble	Solid	DI Leach	
890-3632-10	S-4	Soluble	Solid	DI Leach	
890-3632-11	S-5	Soluble	Solid	DI Leach	
MB 880-41927/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41927/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41927/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 41928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Soluble	Solid	DI Leach	
890-3632-2	S-1	Soluble	Solid	DI Leach	
890-3632-3	S-1	Soluble	Solid	DI Leach	
890-3632-4	S-2	Soluble	Solid	DI Leach	
890-3632-5	S-2	Soluble	Solid	DI Leach	
MB 880-41928/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41928/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41928/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 42175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-6	S-2	Soluble	Solid	300.0	41906
890-3632-7	S-2	Soluble	Solid	300.0	41906
890-3632-8	S-2	Soluble	Solid	300.0	41906
MB 880-41906/1-A	Method Blank	Soluble	Solid	300.0	41906
LCS 880-41906/2-A	Lab Control Sample	Soluble	Solid	300.0	41906
LCSD 880-41906/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41906

Analysis Batch: 42177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-9	S-3	Soluble	Solid	300.0	41927
890-3632-10	S-4	Soluble	Solid	300.0	41927
890-3632-11	S-5	Soluble	Solid	300.0	41927

QC Association Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

HPLC/IC (Continued)

Analysis Batch: 42177 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-41927/1-A	Method Blank	Soluble	Solid	300.0	41927
LCS 880-41927/2-A	Lab Control Sample	Soluble	Solid	300.0	41927
LCSD 880-41927/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41927

Analysis Batch: 42178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3632-1	S-1	Soluble	Solid	300.0	41928
890-3632-2	S-1	Soluble	Solid	300.0	41928
890-3632-3	S-1	Soluble	Solid	300.0	41928
890-3632-4	S-2	Soluble	Solid	300.0	41928
890-3632-5	S-2	Soluble	Solid	300.0	41928
MB 880-41928/1-A	Method Blank	Soluble	Solid	300.0	41928
LCS 880-41928/2-A	Lab Control Sample	Soluble	Solid	300.0	41928
LCSD 880-41928/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41928

Lab Chronicle

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-1
Date Collected: 12/09/22 09:34
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-1
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	82490	12/19/22 10:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82575	12/20/22 09:31	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 03:34	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	41928	12/15/22 14:20	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42178	12/20/22 19:24	CH	EET MID

Client Sample ID: S-1
Date Collected: 12/09/22 09:48
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-2
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	82490	12/19/22 10:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 01:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 03:56	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	41928	12/15/22 14:20	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42178	12/20/22 19:32	CH	EET MID

Client Sample ID: S-1
Date Collected: 12/09/22 09:52
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-3
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	82490	12/19/22 10:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 01:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 04:39	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	41928	12/15/22 14:20	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42178	12/20/22 19:40	CH	EET MID

Client Sample ID: S-2
Date Collected: 12/09/22 10:01
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-4
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			4.96 g	5 mL	82546	12/19/22 13:32	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 02:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU

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Lab Chronicle

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-2
Date Collected: 12/09/22 10:01
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-4
Matrix: Solid

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			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 05:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	41928	12/15/22 14:20	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42178	12/20/22 19:47	CH	EET MID

Client Sample ID: S-2
Date Collected: 12/09/22 10:42
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-5
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	82546	12/19/22 13:32	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 02:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 05:23	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	41928	12/15/22 14:20	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42178	12/20/22 19:55	CH	EET MID

Client Sample ID: S-2
Date Collected: 12/09/22 10:43
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-6
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	82490	12/19/22 10:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 02:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 05:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	41906	12/15/22 11:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42175	12/20/22 13:30	CH	EET MID

Client Sample ID: S-2
Date Collected: 12/09/22 10:47
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-7
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	82490	12/19/22 10:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 03:02	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 06:06	SM	EET MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-2
Date Collected: 12/09/22 10:47
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-7
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			5.05 g	50 mL	41906	12/15/22 11:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42175	12/20/22 13:37	CH	EET MID

Client Sample ID: S-2
Date Collected: 12/09/22 10:52
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-8
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			4.96 g	5 mL	82490	12/19/22 10:26	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 03:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 06:27	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	41906	12/15/22 11:02	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42175	12/20/22 13:45	CH	EET MID

Client Sample ID: S-3
Date Collected: 12/09/22 11:10
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-9
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			4.95 g	5 mL	82490	12/19/22 10:26	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 03:43	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 06:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	41927	12/15/22 14:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42177	12/20/22 16:04	CH	EET MID

Client Sample ID: S-4
Date Collected: 12/09/22 11:14
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-10
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			4.96 g	5 mL	82490	12/19/22 10:26	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 04:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:20	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 07:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	41927	12/15/22 14:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42177	12/20/22 16:09	CH	EET MID

Lab Chronicle

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Client Sample ID: S-5

Date Collected: 12/09/22 11:19
Date Received: 12/13/22 11:22

Lab Sample ID: 890-3632-11

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			4.95 g	5 mL	82490	12/19/22 10:26	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82578	12/20/22 04:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			82846	12/20/22 16:18	MTMG	EET HOU
Total/NA	Analysis	8015 NM		1			42201	12/19/22 15:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41841	12/14/22 14:38	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	42076	12/18/22 07:34	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	41927	12/15/22 14:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	42177	12/20/22 16:13	CH	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-48	06-30-23

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
Total BTEX		Solid	Total BTEX

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	T104704400-22-25	06-30-23

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

Method Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET 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:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: Talon/LPE
Project/Site: TRAVIS BASSETT BIRNEY #001

Job ID: 890-3632-1
SDG: Rural County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3632-1	S-1	Solid	12/09/22 09:34	12/13/22 11:22	SURFACE
890-3632-2	S-1	Solid	12/09/22 09:48	12/13/22 11:22	1
890-3632-3	S-1	Solid	12/09/22 09:52	12/13/22 11:22	2
890-3632-4	S-2	Solid	12/09/22 10:01	12/13/22 11:22	SURFACE
890-3632-5	S-2	Solid	12/09/22 10:42	12/13/22 11:22	1
890-3632-6	S-2	Solid	12/09/22 10:43	12/13/22 11:22	2
890-3632-7	S-2	Solid	12/09/22 10:47	12/13/22 11:22	3
890-3632-8	S-2	Solid	12/09/22 10:52	12/13/22 11:22	4
890-3632-9	S-3	Solid	12/09/22 11:10	12/13/22 11:22	SURFACE
890-3632-10	S-4	Solid	12/09/22 11:14	12/13/22 11:22	SURFACE
890-3632-11	S-5	Solid	12/09/22 11:19	12/13/22 11:22	SURFACE

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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: _____

www.xenco.com Page 1 of 2

Project Manager:	Chad Hensley	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	Chensley@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Travis Bassett-Birney #001	Turn Around	
Project Number:	702520.039.01	☑ Routine ☐ Rush	
Project Location:	Rual County, NM	Due Date:	
Sampler's Name:	Chad Hensley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	N/A		

SAMPLE RECEIPT	Temp Blank: (Yes) No	Wet Ice: (Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	Thermo7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

890-3632 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: CL	BTEX	TPH	Sample Comments
S-1	Soil	12/9/2022	9:34	S	Grab/	1	x	X	X	
S-1	Soil	12/9/2022	9:48	1'	Grab/	1	x	X	X	
S-1	Soil	12/9/2022	9:52	2'-R	Grab/	1	x	X	X	
S-2	Soil	12/9/2022	10:01	S	Grab/	1	x	X	X	
S-2	Soil	12/9/2022	10:42	1'	Grab/	1	x	X	X	
S-2	Soil	12/9/2022	10:43	2'	Grab/	1	x	X	X	
S-2	Soil	12/9/2022	10:47	3'	Grab/	1	x	X	X	
S-2	Soil	12/9/2022	10:52	4'	Grab/	1	x	X	X	
S-3	Soil	12/9/2022	11:10	S-R	Grab/	1	x	x	x	
S-4	Soil	12/9/2022	11:14	S-R	Grab/	1	x	x	x	

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 Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			12.13.22 1129			
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

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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: _____

www.xenco.com Page 2 of 2

Project Manager:	Chad Hensley	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	Chensley@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Travis Bassett-Birmey #001	Turn Around	
Project Number:	702520.039.01	☑ Routine ☐ Rush	
Project Location:	Rual County, NM	Due Date:	
Sampler's Name:	Chad Hensley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	N/A		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: CL	BTEX	TPH	Sample Comments
S-5	Soil	12/9/2022	11:19	S-R	Grab/	1		x	X	X	

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 Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-5960.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-3632-1
Address: 4145 Greenbriar Dr, ,	Due Date Requested: 12/20/2022			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: TRAVIS BASSETT BIRNEY #001	Project #: 89000040			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_Calc BTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
S-1 (890-3632-1)	12/9/22	09:34 Mountain		Solid			X	X	2	
S-1 (890-3632-2)	12/9/22	09:48 Mountain		Solid			X	X	2	
S-1 (890-3632-3)	12/9/22	09:52 Mountain		Solid			X	X	2	
S-2 (890-3632-4)	12/9/22	10:01 Mountain		Solid			X	X	2	
S-2 (890-3632-5)	12/9/22	10:42 Mountain		Solid			X	X	2	
S-2 (890-3632-6)	12/9/22	10:43 Mountain		Solid			X	X	2	
S-2 (890-3632-7)	12/9/22	10:47 Mountain		Solid			X	X	2	
S-2 (890-3632-8)	12/9/22	10:52 Mountain		Solid			X	X	2	
S-3 (890-3632-9)	12/9/22	11:10 Mountain		Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipmen... If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or othe... accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurc...

Temp: IR ID:HOU-343
C/F:+0.3 4.0
Corrected Temp: 4.3

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer...
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: Sandra Jones	Date/Time: 12/17/22 9:06	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer, Jessica	Carrier Tracking No(s):	COC No: 880-5960.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-3632-1
Address: 4145 Greenbriar Dr,	Due Date Requested: 12/20/2022			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: TRAVIS BASSETT BIRNEY #001	Project #: 89000040			
Site:	SSOW#:			

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_Calc BTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
S-1 (890-3632-1)	12/9/22	09:34 Mountain		Solid			X	X	2	
S-1 (890-3632-2)	12/9/22	09:48 Mountain		Solid			X	X	2	
S-1 (890-3632-3)	12/9/22	09:52 Mountain		Solid			X	X	2	
S-2 (890-3632-4)	12/9/22	10:01 Mountain		Solid			X	X	2	
S-2 (890-3632-5)	12/9/22	10:42 Mountain		Solid			X	X	2	
S-2 (890-3632-6)	12/9/22	10:43 Mountain		Solid			X	X	2	
S-2 (890-3632-7)	12/9/22	10:47 Mountain		Solid			X	X	2	
S-2 (890-3632-8)	12/9/22	10:52 Mountain		Solid			X	X	2	
S-3 (890-3632-9)	12/9/22	11:10 Mountain		Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipmen... If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or othe... accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurc...

Temp: IR ID:HOU-343
C/F:+0.3 4.0
Corrected Temp: 4.3

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer ...*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: Sandra Jones	Date/Time: 12/17/22 9:06	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-3632-1
SDG Number: Rural County NM

Login Number: 3632
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-3632-1
SDG Number: Rural County NM

Login Number: 3632
List Number: 3
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 12/17/22 12:37 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	4.3
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.	True	
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").	True	

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-3632-1
SDG Number: Rural County NM

Login Number: 3632
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 12/14/22 12:10 PM

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chad Hensley
Talon/LPE
408 W. Texas St.
Artesia, New Mexico 88210

Generated 2/3/2023 11:15:46 AM

JOB DESCRIPTION

Travis Bassett-Birney #001
SDG NUMBER 702520.039.01

JOB NUMBER

890-3952-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

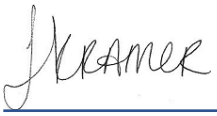
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Laboratory Job ID: 890-3952-1
SDG: 702520.039.01

Table of Contents

Definitions/Glossary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
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, high 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.
¤	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: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Job ID: 890-3952-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3952-1

Receipt
The samples were received on 1/24/2023 1:07 PM. 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 4.6°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-4R (890-3952-1), S-5R (890-3952-2), S-6 (890-3952-3), S-6R (890-3952-4), S-7 (890-3952-5), S-7 (890-3952-6), S-7 (890-3952-7), S-8 (890-3952-8), S-8 (890-3952-9) and S-8 (890-3952-10).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-4R (890-3952-1), S-5R (890-3952-2), S-6 (890-3952-3), S-6R (890-3952-4), S-7 (890-3952-5), S-7 (890-3952-6), S-7 (890-3952-7), S-8 (890-3952-8), S-8 (890-3952-9), S-8 (890-3952-10), (MB 880-45053/5-A), (890-3932-A-1-F), (890-3932-A-1-D MS) and (890-3932-A-1-E MSD). Evidence of matrix interferences is not obvious.

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: Surrogate recovery for the following sample was outside control limits: (MB 880-45238/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-45240/1-A). Evidence of matrix interferences is not obvious.

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: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-4R

Lab Sample ID: 890-3952-1
Matrix: Solid
Date Collected: 01/19/23 10:05
Date Received: 01/24/23 13:07
Sample Depth: 3'

Method: SW846 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		01/30/23 12:55	01/31/23 23:33	1
Toluene	<0.000455	U *+	0.00200	0.000455	mg/Kg		01/30/23 12:55	01/31/23 23:33	1
Ethylbenzene	<0.000564	U *+	0.00200	0.000564	mg/Kg		01/30/23 12:55	01/31/23 23:33	1
m-Xylene & p-Xylene	<0.00101	U *+	0.00399	0.00101	mg/Kg		01/30/23 12:55	01/31/23 23:33	1
o-Xylene	<0.000343	U *+	0.00200	0.000343	mg/Kg		01/30/23 12:55	01/31/23 23:33	1
Xylenes, Total	<0.00101	U *+	0.00399	0.00101	mg/Kg		01/30/23 12:55	01/31/23 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*277*	*S1+*	*70 - 130*	*01/30/23 12:55*	*01/31/23 23:33*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*01/30/23 12:55*	*01/31/23 23:33*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.6**		49.9	15.0	mg/Kg			02/02/23 14:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**22.5**	**J**	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:04	1
Diesel Range Organics (Over C10-C28)	**16.3**	**J**	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:04	1
Oil Range Organics (Over C28-C36)	**16.8**	**J B**	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*02/02/23 09:29*	*02/02/23 13:04*	*1*
o-Terphenyl	*103*		*70 - 130*	*02/02/23 09:29*	*02/02/23 13:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**315**		5.04	0.398	mg/Kg			01/30/23 12:43	1

Client Sample ID: S-5R

Lab Sample ID: 890-3952-2
Matrix: Solid
Date Collected: 01/19/23 09:54
Date Received: 01/24/23 13:07
Sample Depth: 3'

Method: SW846 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		01/30/23 12:55	02/01/23 00:00	1
Toluene	<0.000456	U *+	0.00200	0.000456	mg/Kg		01/30/23 12:55	02/01/23 00:00	1
Ethylbenzene	<0.000565	U *+	0.00200	0.000565	mg/Kg		01/30/23 12:55	02/01/23 00:00	1
m-Xylene & p-Xylene	<0.00101	U *+	0.00400	0.00101	mg/Kg		01/30/23 12:55	02/01/23 00:00	1
o-Xylene	<0.000344	U *+	0.00200	0.000344	mg/Kg		01/30/23 12:55	02/01/23 00:00	1
Xylenes, Total	<0.00101	U *+	0.00400	0.00101	mg/Kg		01/30/23 12:55	02/01/23 00:00	1

Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-5R

Lab Sample ID: 890-3952-2
Matrix: Solid
Date Collected: 01/19/23 09:54
Date Received: 01/24/23 13:07
Sample Depth: 3'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*306*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 00:00*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*01/30/23 12:55*	*02/01/23 00:00*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.4**		49.9	15.0	mg/Kg			02/02/23 14:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**39.2**	**J**	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:26	1
Diesel Range Organics (Over C10-C28)	**19.1**	**J**	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:26	1
Oil Range Organics (Over C28-C36)	**19.1**	**J B**	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*86*		*70 - 130*	*02/02/23 09:29*	*02/02/23 13:26*	*1*
o-Terphenyl	*99*		*70 - 130*	*02/02/23 09:29*	*02/02/23 13:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		4.97	0.393	mg/Kg			01/30/23 12:57	1

Client Sample ID: S-6

Lab Sample ID: 890-3952-3
Matrix: Solid
Date Collected: 01/19/23 10:20
Date Received: 01/24/23 13:07
Sample Depth: 1'

Method: SW846 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		01/30/23 12:55	02/01/23 00:27	1
Toluene	<0.000451	U *+	0.00198	0.000451	mg/Kg		01/30/23 12:55	02/01/23 00:27	1
Ethylbenzene	<0.000559	U *+	0.00198	0.000559	mg/Kg		01/30/23 12:55	02/01/23 00:27	1
m-Xylene & p-Xylene	<0.00100	U *+	0.00396	0.00100	mg/Kg		01/30/23 12:55	02/01/23 00:27	1
o-Xylene	<0.000341	U *+	0.00198	0.000341	mg/Kg		01/30/23 12:55	02/01/23 00:27	1
Xylenes, Total	<0.00100	U *+	0.00396	0.00100	mg/Kg		01/30/23 12:55	02/01/23 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*283*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 00:27*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/30/23 12:55*	*02/01/23 00:27*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-6

Lab Sample ID: 890-3952-3
Matrix: Solid
Date Collected: 01/19/23 10:20
Date Received: 01/24/23 13:07
Sample Depth: 1'

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.5		49.9	15.0	mg/Kg			02/02/23 14:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	28.4	J	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:48	1
Diesel Range Organics (Over C10-C28)	25.2	J	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:48	1
Oil Range Organics (Over C28-C36)	28.9	J B	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/02/23 09:29*	*02/02/23 13:48*	*1*
o-Terphenyl	*100*		*70 - 130*	*02/02/23 09:29*	*02/02/23 13:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.5		4.95	0.391	mg/Kg			01/30/23 13:02	1

Client Sample ID: S-6R

Lab Sample ID: 890-3952-4
Matrix: Solid
Date Collected: 01/19/23 10:26
Date Received: 01/24/23 13:07
Sample Depth: 3'

Method: SW846 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		01/30/23 12:55	02/01/23 00:54	1
Toluene	<0.000460	U *+	0.00202	0.000460	mg/Kg		01/30/23 12:55	02/01/23 00:54	1
Ethylbenzene	<0.000570	U *+	0.00202	0.000570	mg/Kg		01/30/23 12:55	02/01/23 00:54	1
m-Xylene & p-Xylene	<0.00102	U *+	0.00403	0.00102	mg/Kg		01/30/23 12:55	02/01/23 00:54	1
o-Xylene	<0.000347	U *+	0.00202	0.000347	mg/Kg		01/30/23 12:55	02/01/23 00:54	1
Xylenes, Total	<0.00102	U *+	0.00403	0.00102	mg/Kg		01/30/23 12:55	02/01/23 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*305*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 00:54*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*01/30/23 12:55*	*02/01/23 00:54*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17.7	J	49.9	15.0	mg/Kg			02/03/23 11:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.7	J	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:04	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:04	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:04	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-6R

Lab Sample ID: 890-3952-4
Matrix: Solid
Date Collected: 01/19/23 10:26
Date Received: 01/24/23 13:07
Sample Depth: 3'

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*02/02/23 09:34*	*02/03/23 03:04*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/02/23 09:34*	*02/03/23 03:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**276**		25.0	1.98	mg/Kg			01/30/23 13:07	5

Client Sample ID: S-7

Lab Sample ID: 890-3952-5
Matrix: Solid
Date Collected: 01/19/23 10:30
Date Received: 01/24/23 13:07
Sample Depth: 1'

Method: SW846 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		01/30/23 12:55	02/01/23 01:20	1
Toluene	<0.000455	U *+	0.00200	0.000455	mg/Kg		01/30/23 12:55	02/01/23 01:20	1
Ethylbenzene	<0.000564	U *+	0.00200	0.000564	mg/Kg		01/30/23 12:55	02/01/23 01:20	1
m-Xylene & p-Xylene	<0.00101	U *+	0.00399	0.00101	mg/Kg		01/30/23 12:55	02/01/23 01:20	1
o-Xylene	<0.000343	U *+	0.00200	0.000343	mg/Kg		01/30/23 12:55	02/01/23 01:20	1
Xylenes, Total	<0.00101	U *+	0.00399	0.00101	mg/Kg		01/30/23 12:55	02/01/23 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*291*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 01:20*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/30/23 12:55*	*02/01/23 01:20*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.6**		50.0	15.0	mg/Kg			02/03/23 11:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**32.0**	**J**	50.0	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:26	1
Diesel Range Organics (Over C10-C28)	**19.6**	**J**	50.0	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:26	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*02/02/23 09:34*	*02/03/23 03:26*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/02/23 09:34*	*02/03/23 03:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.9**		5.00	0.395	mg/Kg			01/30/23 13:11	1

Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-7

Lab Sample ID: 890-3952-6
Matrix: Solid
Date Collected: 01/19/23 10:35
Date Received: 01/24/23 13:07
Sample Depth: 3'

Method: SW846 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		01/30/23 12:55	02/01/23 01:47	1
Toluene	<0.000461	U *+	0.00202	0.000461	mg/Kg		01/30/23 12:55	02/01/23 01:47	1
Ethylbenzene	<0.000571	U *+	0.00202	0.000571	mg/Kg		01/30/23 12:55	02/01/23 01:47	1
m-Xylene & p-Xylene	<0.00102	U *+	0.00404	0.00102	mg/Kg		01/30/23 12:55	02/01/23 01:47	1
o-Xylene	<0.000347	U *+	0.00202	0.000347	mg/Kg		01/30/23 12:55	02/01/23 01:47	1
Xylenes, Total	<0.00102	U *+	0.00404	0.00102	mg/Kg		01/30/23 12:55	02/01/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*307*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 01:47*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/30/23 12:55*	*02/01/23 01:47*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 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			02/03/23 11:33	1

Method: SW846 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		02/02/23 09:34	02/03/23 03:48	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:48	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*02/02/23 09:34*	*02/03/23 03:48*	*1*
o-Terphenyl	*127*		*70 - 130*	*02/02/23 09:34*	*02/03/23 03:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.6**		4.99	0.394	mg/Kg			01/30/23 13:16	1

Client Sample ID: S-7

Lab Sample ID: 890-3952-7
Matrix: Solid
Date Collected: 01/19/23 10:39
Date Received: 01/24/23 13:07
Sample Depth: 6'

Method: SW846 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		01/30/23 12:55	02/01/23 02:14	1
Toluene	<0.000453	U *+	0.00199	0.000453	mg/Kg		01/30/23 12:55	02/01/23 02:14	1
Ethylbenzene	<0.000562	U *+	0.00199	0.000562	mg/Kg		01/30/23 12:55	02/01/23 02:14	1
m-Xylene & p-Xylene	<0.00100	U *+	0.00398	0.00100	mg/Kg		01/30/23 12:55	02/01/23 02:14	1
o-Xylene	<0.000342	U *+	0.00199	0.000342	mg/Kg		01/30/23 12:55	02/01/23 02:14	1
Xylenes, Total	<0.00100	U *+	0.00398	0.00100	mg/Kg		01/30/23 12:55	02/01/23 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*291*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 02:14*	*1*

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Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-7

Lab Sample ID: 890-3952-7
Matrix: Solid
Date Collected: 01/19/23 10:39
Date Received: 01/24/23 13:07
Sample Depth: 6'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/30/23 12:55*	*02/01/23 02:14*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**37.8**	**J**	49.9	15.0	mg/Kg			02/03/23 11:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**37.8**	**J**	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:09	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:09	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*02/02/23 09:34*	*02/03/23 04:09*	*1*
o-Terphenyl	*107*		*70 - 130*	*02/02/23 09:34*	*02/03/23 04:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.6**		5.04	0.398	mg/Kg			01/30/23 13:21	1

Client Sample ID: S-8

Lab Sample ID: 890-3952-8
Matrix: Solid
Date Collected: 01/19/23 11:05
Date Received: 01/24/23 13:07
Sample Depth: 1'

Method: SW846 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		01/30/23 12:55	02/01/23 02:41	1
Toluene	<0.000452	U *+	0.00198	0.000452	mg/Kg		01/30/23 12:55	02/01/23 02:41	1
Ethylbenzene	<0.000561	U *+	0.00198	0.000561	mg/Kg		01/30/23 12:55	02/01/23 02:41	1
m-Xylene & p-Xylene	<0.00100	U *+	0.00397	0.00100	mg/Kg		01/30/23 12:55	02/01/23 02:41	1
o-Xylene	<0.000341	U *+	0.00198	0.000341	mg/Kg		01/30/23 12:55	02/01/23 02:41	1
Xylenes, Total	<0.00100	U *+	0.00397	0.00100	mg/Kg		01/30/23 12:55	02/01/23 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*317*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 02:41*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*01/30/23 12:55*	*02/01/23 02:41*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**25.3**	**J**	49.9	15.0	mg/Kg			02/03/23 11:33	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-8

Lab Sample ID: 890-3952-8
Matrix: Solid
Date Collected: 01/19/23 11:05
Date Received: 01/24/23 13:07
Sample Depth: 1'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**25.3**	**J**	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:30	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:30	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*02/02/23 09:34*	*02/03/23 04:30*	*1*
o-Terphenyl	*112*		*70 - 130*	*02/02/23 09:34*	*02/03/23 04:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.70**		5.05	0.399	mg/Kg			01/30/23 13:35	1

Client Sample ID: S-8

Lab Sample ID: 890-3952-9
Matrix: Solid
Date Collected: 01/19/23 11:09
Date Received: 01/24/23 13:07
Sample Depth: 3'

Method: SW846 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		01/30/23 12:55	02/01/23 03:07	1
Toluene	<0.000457	U *+	0.00200	0.000457	mg/Kg		01/30/23 12:55	02/01/23 03:07	1
Ethylbenzene	<0.000566	U *+	0.00200	0.000566	mg/Kg		01/30/23 12:55	02/01/23 03:07	1
m-Xylene & p-Xylene	<0.00101	U *+	0.00401	0.00101	mg/Kg		01/30/23 12:55	02/01/23 03:07	1
o-Xylene	<0.000345	U *+	0.00200	0.000345	mg/Kg		01/30/23 12:55	02/01/23 03:07	1
Xylenes, Total	<0.00101	U *+	0.00401	0.00101	mg/Kg		01/30/23 12:55	02/01/23 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*305*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 03:07*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*01/30/23 12:55*	*02/01/23 03:07*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**49.2**	**J**	49.9	15.0	mg/Kg			02/03/23 11:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**28.9**	**J**	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:51	1
Diesel Range Organics (Over C10-C28)	**20.3**	**J**	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:51	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/03/23 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*02/02/23 09:34*	*02/03/23 04:51*	*1*
o-Terphenyl	*111*		*70 - 130*	*02/02/23 09:34*	*02/03/23 04:51*	*1*

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Client Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-8

Lab Sample ID: 890-3952-9
Matrix: Solid
Date Collected: 01/19/23 11:09
Date Received: 01/24/23 13:07
Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.9		4.96	0.392	mg/Kg			01/30/23 13:40	1

Client Sample ID: S-8

Lab Sample ID: 890-3952-10
Matrix: Solid
Date Collected: 01/19/23 11:15
Date Received: 01/24/23 13:07
Sample Depth: 6'

Method: SW846 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		01/30/23 12:55	02/01/23 03:34	1
Toluene	<0.000456	U *+	0.00200	0.000456	mg/Kg		01/30/23 12:55	02/01/23 03:34	1
Ethylbenzene	<0.000565	U *+	0.00200	0.000565	mg/Kg		01/30/23 12:55	02/01/23 03:34	1
m-Xylene & p-Xylene	<0.00101	U *+	0.00400	0.00101	mg/Kg		01/30/23 12:55	02/01/23 03:34	1
o-Xylene	<0.000344	U *+	0.00200	0.000344	mg/Kg		01/30/23 12:55	02/01/23 03:34	1
Xylenes, Total	<0.00101	U *+	0.00400	0.00101	mg/Kg		01/30/23 12:55	02/01/23 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*323*	*S1+*	*70 - 130*	*01/30/23 12:55*	*02/01/23 03:34*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*01/30/23 12:55*	*02/01/23 03:34*	*1*

Method: TAL SOP 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			02/02/23 11:39	1

Method: SW846 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			02/03/23 11:33	1

Method: SW846 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		02/02/23 09:34	02/03/23 05:13	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		02/02/23 09:34	02/03/23 05:13	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/02/23 09:34	02/03/23 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/02/23 09:34*	*02/03/23 05:13*	*1*
o-Terphenyl	*123*		*70 - 130*	*02/02/23 09:34*	*02/03/23 05:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	254		5.00	0.395	mg/Kg			01/30/23 13:55	1

Surrogate Summary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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)
890-3952-1	S-4R	277 S1+	73
890-3952-1 MS	S-4R	88	100
890-3952-1 MSD	S-4R	91	98
890-3952-2	S-5R	306 S1+	65 S1-
890-3952-3	S-6	283 S1+	77
890-3952-4	S-6R	305 S1+	74
890-3952-5	S-7	291 S1+	72
890-3952-6	S-7	307 S1+	72
890-3952-7	S-7	291 S1+	77
890-3952-8	S-8	317 S1+	77
890-3952-9	S-8	305 S1+	81
890-3952-10	S-8	323 S1+	81
LCS 880-45053/1-A	Lab Control Sample	230 S1+	78
LCS 880-45239/1-A	Lab Control Sample	101	101
LCSD 880-45053/2-A	Lab Control Sample Dup	254 S1+	91
LCSD 880-45239/2-A	Lab Control Sample Dup	85	89
MB 880-45053/5-A	Method Blank	165 S1+	66 S1-
MB 880-45239/5-A	Method Blank	89	92

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)
890-3952-1	S-4R	90	103
890-3952-2	S-5R	86	99
890-3952-3	S-6	86	100
890-3952-4	S-6R	94	111
890-3952-5	S-7	95	111
890-3952-6	S-7	110	127
890-3952-7	S-7	93	107
890-3952-8	S-8	96	112
890-3952-9	S-8	94	111
890-3952-10	S-8	107	123
LCS 880-45238/2-A	Lab Control Sample	75	79
LCS 880-45240/2-A	Lab Control Sample	80	83
LCSD 880-45238/3-A	Lab Control Sample Dup	73	79
LCSD 880-45240/3-A	Lab Control Sample Dup	89	94
MB 880-45238/1-A	Method Blank	110	135 S1+
MB 880-45240/1-A	Method Blank	130	148 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45053/5-A
Matrix: Solid
Analysis Batch: 45127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		01/30/23 12:55	01/31/23 17:18	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		01/30/23 12:55	01/31/23 17:18	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		01/30/23 12:55	01/31/23 17:18	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		01/30/23 12:55	01/31/23 17:18	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		01/30/23 12:55	01/31/23 17:18	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		01/30/23 12:55	01/31/23 17:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*165*	*S1+*	*70 - 130*	*01/30/23 12:55*	*01/31/23 17:18*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/30/23 12:55*	*01/31/23 17:18*	*1*

Lab Sample ID: LCS 880-45053/1-A
Matrix: Solid
Analysis Batch: 45127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45053

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.200	0.1346	*-	mg/Kg		67	70 - 130		
Toluene			0.200	0.1435		mg/Kg		72	70 - 130		
Ethylbenzene			0.200	0.1507		mg/Kg		75	70 - 130		
m-Xylene & p-Xylene			0.400	0.3044		mg/Kg		76	70 - 130		
o-Xylene			0.200	0.1498		mg/Kg		75	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*230*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*

Lab Sample ID: LCSD 880-45053/2-A
Matrix: Solid
Analysis Batch: 45127

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45053

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.200	0.1519		mg/Kg		76	70 - 130	12	35
Toluene			0.200	0.1564		mg/Kg		78	70 - 130	9	35
Ethylbenzene			0.200	0.1625		mg/Kg		81	70 - 130	8	35
m-Xylene & p-Xylene			0.400	0.3309		mg/Kg		83	70 - 130	8	35
o-Xylene			0.200	0.1656		mg/Kg		83	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*254*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 880-45239/5-A
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/02/23 09:32	02/02/23 11:44	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/02/23 09:32	02/02/23 11:44	1

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QC Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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

Lab Sample ID: MB 880-45239/5-A
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/02/23 09:32	02/02/23 11:44	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/02/23 09:32	02/02/23 11:44	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/02/23 09:32	02/02/23 11:44	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/02/23 09:32	02/02/23 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*02/02/23 09:32*	*02/02/23 11:44*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/02/23 09:32*	*02/02/23 11:44*	*1*

Lab Sample ID: LCS 880-45239/1-A
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09021		mg/Kg		90	70 - 130
Toluene	0.100	0.08826		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.08511		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1783		mg/Kg		89	70 - 130
o-Xylene	0.100	0.08955		mg/Kg		90	70 - 130

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

Lab Sample ID: LCSD 880-45239/2-A
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45239

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08733		mg/Kg		87	70 - 130	3	35
Toluene	0.100	0.08069		mg/Kg		81	70 - 130	9	35
Ethylbenzene	0.100	0.07295		mg/Kg		73	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1576		mg/Kg		79	70 - 130	12	35
o-Xylene	0.100	0.08016		mg/Kg		80	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 890-3952-1 MS
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: S-4R
Prep Type: Total/NA
Prep Batch: 45239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.000566	J	0.101	0.1056		mg/Kg		104	70 - 130
Toluene	<0.000461	U	0.101	0.09701		mg/Kg		96	70 - 130
Ethylbenzene	<0.000571	U	0.101	0.09122		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00102	U	0.202	0.1893		mg/Kg		94	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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

Lab Sample ID: 890-3952-1 MS
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: S-4R
Prep Type: Total/NA
Prep Batch: 45239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.000347	U	0.101	0.09385		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-3952-1 MSD
Matrix: Solid
Analysis Batch: 45230

Client Sample ID: S-4R
Prep Type: Total/NA
Prep Batch: 45239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.000566	J	0.0996	0.09754		mg/Kg		97	70 - 130	8	35
Toluene	<0.000461	U	0.0996	0.09016		mg/Kg		91	70 - 130	7	35
Ethylbenzene	<0.000571	U	0.0996	0.08326		mg/Kg		84	70 - 130	9	35
m-Xylene & p-Xylene	<0.00102	U	0.199	0.1719		mg/Kg		86	70 - 130	10	35
o-Xylene	<0.000347	U	0.0996	0.08604		mg/Kg		86	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-45238/1-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45238

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 08:59	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 08:59	1
OII Range Organics (Over C28-C36)	20.57	J	49.9	15.0	mg/Kg		02/02/23 09:29	02/02/23 08:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*02/02/23 09:29*	*02/02/23 08:59*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*02/02/23 09:29*	*02/02/23 08:59*	*1*

Lab Sample ID: LCS 880-45238/2-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45238

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	879.4		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	999	947.2		mg/Kg		95	70 - 130

QC Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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

Lab Sample ID: LCS 880-45238/2-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45238

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-45238/3-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45238

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			999	761.5		mg/Kg		76	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			999	932.5		mg/Kg		93	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: MB 880-45240/1-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/02/23 20:18	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/02/23 20:18	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/02/23 09:34	02/02/23 20:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	02/02/23 09:34	02/02/23 20:18	1
o-Terphenyl	148	S1+	70 - 130	02/02/23 09:34	02/02/23 20:18	1

Lab Sample ID: LCS 880-45240/2-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45240

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			999	844.2		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)			999	1006		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	83		70 - 130

QC Sample Results

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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

Lab Sample ID: LCSD 880-45240/3-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45240

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			999	736.0		mg/Kg		74	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			999	1129		mg/Kg		113	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*89*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44971/1-A
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			01/30/23 11:59	1

Lab Sample ID: LCS 880-44971/2-A
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	257.6		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-44971/3-A
Matrix: Solid
Analysis Batch: 45041

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	256.8		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-3952-7 MS
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: S-7
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	44.6		252	286.7		mg/Kg		96	90 - 110		

Lab Sample ID: 890-3952-7 MSD
Matrix: Solid
Analysis Batch: 45041

Client Sample ID: S-7
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44.6		252	287.5		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

GC VOA

Prep Batch: 45053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Total/NA	Solid	5035	
890-3952-2	S-5R	Total/NA	Solid	5035	
890-3952-3	S-6	Total/NA	Solid	5035	
890-3952-4	S-6R	Total/NA	Solid	5035	
890-3952-5	S-7	Total/NA	Solid	5035	
890-3952-6	S-7	Total/NA	Solid	5035	
890-3952-7	S-7	Total/NA	Solid	5035	
890-3952-8	S-8	Total/NA	Solid	5035	
890-3952-9	S-8	Total/NA	Solid	5035	
890-3952-10	S-8	Total/NA	Solid	5035	
MB 880-45053/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45053/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45053/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 45127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Total/NA	Solid	8021B	45053
890-3952-2	S-5R	Total/NA	Solid	8021B	45053
890-3952-3	S-6	Total/NA	Solid	8021B	45053
890-3952-4	S-6R	Total/NA	Solid	8021B	45053
890-3952-5	S-7	Total/NA	Solid	8021B	45053
890-3952-6	S-7	Total/NA	Solid	8021B	45053
890-3952-7	S-7	Total/NA	Solid	8021B	45053
890-3952-8	S-8	Total/NA	Solid	8021B	45053
890-3952-9	S-8	Total/NA	Solid	8021B	45053
890-3952-10	S-8	Total/NA	Solid	8021B	45053
MB 880-45053/5-A	Method Blank	Total/NA	Solid	8021B	45053
LCS 880-45053/1-A	Lab Control Sample	Total/NA	Solid	8021B	45053
LCSD 880-45053/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45053

Analysis Batch: 45230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45239/5-A	Method Blank	Total/NA	Solid	8021B	45239
LCS 880-45239/1-A	Lab Control Sample	Total/NA	Solid	8021B	45239
LCSD 880-45239/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45239
890-3952-1 MS	S-4R	Total/NA	Solid	8021B	45239
890-3952-1 MSD	S-4R	Total/NA	Solid	8021B	45239

Prep Batch: 45239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45239/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45239/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45239/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3952-1 MS	S-4R	Total/NA	Solid	5035	
890-3952-1 MSD	S-4R	Total/NA	Solid	5035	

Analysis Batch: 45250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Total/NA	Solid	Total BTEX	
890-3952-2	S-5R	Total/NA	Solid	Total BTEX	
890-3952-3	S-6	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

GC VOA (Continued)

Analysis Batch: 45250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-4	S-6R	Total/NA	Solid	Total BTEX	
890-3952-5	S-7	Total/NA	Solid	Total BTEX	
890-3952-6	S-7	Total/NA	Solid	Total BTEX	
890-3952-7	S-7	Total/NA	Solid	Total BTEX	
890-3952-8	S-8	Total/NA	Solid	Total BTEX	
890-3952-9	S-8	Total/NA	Solid	Total BTEX	
890-3952-10	S-8	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 45228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Total/NA	Solid	8015B NM	45238
890-3952-2	S-5R	Total/NA	Solid	8015B NM	45238
890-3952-3	S-6	Total/NA	Solid	8015B NM	45238
890-3952-4	S-6R	Total/NA	Solid	8015B NM	45240
890-3952-5	S-7	Total/NA	Solid	8015B NM	45240
890-3952-6	S-7	Total/NA	Solid	8015B NM	45240
890-3952-7	S-7	Total/NA	Solid	8015B NM	45240
890-3952-8	S-8	Total/NA	Solid	8015B NM	45240
890-3952-9	S-8	Total/NA	Solid	8015B NM	45240
890-3952-10	S-8	Total/NA	Solid	8015B NM	45240
MB 880-45238/1-A	Method Blank	Total/NA	Solid	8015B NM	45238
MB 880-45240/1-A	Method Blank	Total/NA	Solid	8015B NM	45240
LCS 880-45238/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45238
LCS 880-45240/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45240
LCSD 880-45238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45238
LCSD 880-45240/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45240

Prep Batch: 45238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Total/NA	Solid	8015NM Prep	
890-3952-2	S-5R	Total/NA	Solid	8015NM Prep	
890-3952-3	S-6	Total/NA	Solid	8015NM Prep	
MB 880-45238/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45238/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 45240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-4	S-6R	Total/NA	Solid	8015NM Prep	
890-3952-5	S-7	Total/NA	Solid	8015NM Prep	
890-3952-6	S-7	Total/NA	Solid	8015NM Prep	
890-3952-7	S-7	Total/NA	Solid	8015NM Prep	
890-3952-8	S-8	Total/NA	Solid	8015NM Prep	
890-3952-9	S-8	Total/NA	Solid	8015NM Prep	
890-3952-10	S-8	Total/NA	Solid	8015NM Prep	
MB 880-45240/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45240/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45240/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

GC Semi VOA

Analysis Batch: 45272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Total/NA	Solid	8015 NM	
890-3952-2	S-5R	Total/NA	Solid	8015 NM	
890-3952-3	S-6	Total/NA	Solid	8015 NM	
890-3952-4	S-6R	Total/NA	Solid	8015 NM	
890-3952-5	S-7	Total/NA	Solid	8015 NM	
890-3952-6	S-7	Total/NA	Solid	8015 NM	
890-3952-7	S-7	Total/NA	Solid	8015 NM	
890-3952-8	S-8	Total/NA	Solid	8015 NM	
890-3952-9	S-8	Total/NA	Solid	8015 NM	
890-3952-10	S-8	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 44971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Soluble	Solid	DI Leach	
890-3952-2	S-5R	Soluble	Solid	DI Leach	
890-3952-3	S-6	Soluble	Solid	DI Leach	
890-3952-4	S-6R	Soluble	Solid	DI Leach	
890-3952-5	S-7	Soluble	Solid	DI Leach	
890-3952-6	S-7	Soluble	Solid	DI Leach	
890-3952-7	S-7	Soluble	Solid	DI Leach	
890-3952-8	S-8	Soluble	Solid	DI Leach	
890-3952-9	S-8	Soluble	Solid	DI Leach	
890-3952-10	S-8	Soluble	Solid	DI Leach	
MB 880-44971/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44971/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44971/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3952-7 MS	S-7	Soluble	Solid	DI Leach	
890-3952-7 MSD	S-7	Soluble	Solid	DI Leach	

Analysis Batch: 45041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3952-1	S-4R	Soluble	Solid	300.0	44971
890-3952-2	S-5R	Soluble	Solid	300.0	44971
890-3952-3	S-6	Soluble	Solid	300.0	44971
890-3952-4	S-6R	Soluble	Solid	300.0	44971
890-3952-5	S-7	Soluble	Solid	300.0	44971
890-3952-6	S-7	Soluble	Solid	300.0	44971
890-3952-7	S-7	Soluble	Solid	300.0	44971
890-3952-8	S-8	Soluble	Solid	300.0	44971
890-3952-9	S-8	Soluble	Solid	300.0	44971
890-3952-10	S-8	Soluble	Solid	300.0	44971
MB 880-44971/1-A	Method Blank	Soluble	Solid	300.0	44971
LCS 880-44971/2-A	Lab Control Sample	Soluble	Solid	300.0	44971
LCSD 880-44971/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44971
890-3952-7 MS	S-7	Soluble	Solid	300.0	44971
890-3952-7 MSD	S-7	Soluble	Solid	300.0	44971

Lab Chronicle

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-4R
Date Collected: 01/19/23 10:05
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-1
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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	01/31/23 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/02/23 14:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 13:04	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 12:43	CH	EET MID

Client Sample ID: S-5R
Date Collected: 01/19/23 09:54
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-2
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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/02/23 14:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 13:26	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 12:57	CH	EET MID

Client Sample ID: S-6
Date Collected: 01/19/23 10:20
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-3
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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 00:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/02/23 14:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 13:48	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:02	CH	EET MID

Client Sample ID: S-6R
Date Collected: 01/19/23 10:26
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-4
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			4.96 g	5 mL	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-6R
Date Collected: 01/19/23 10:26
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-4
Matrix: Solid

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			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 03:04	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		5			45041	01/30/23 13:07	CH	EET MID

Client Sample ID: S-7
Date Collected: 01/19/23 10:30
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-5
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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 03:26	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:11	CH	EET MID

Client Sample ID: S-7
Date Collected: 01/19/23 10:35
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-6
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			4.95 g	5 mL	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 01:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 03:48	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:16	CH	EET MID

Client Sample ID: S-7
Date Collected: 01/19/23 10:39
Date Received: 01/24/23 13:07

Lab Sample ID: 890-3952-7
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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 02:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 04:09	AJ	EET MID

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Lab Chronicle

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Client Sample ID: S-7

Lab Sample ID: 890-3952-7
Matrix: Solid
Date Collected: 01/19/23 10:39
Date Received: 01/24/23 13:07

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:21	CH	EET MID

Client Sample ID: S-8

Lab Sample ID: 890-3952-8
Matrix: Solid
Date Collected: 01/19/23 11:05
Date Received: 01/24/23 13:07

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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 04:30	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:35	CH	EET MID

Client Sample ID: S-8

Lab Sample ID: 890-3952-9
Matrix: Solid
Date Collected: 01/19/23 11:09
Date Received: 01/24/23 13:07

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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 03:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 04:51	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:40	CH	EET MID

Client Sample ID: S-8

Lab Sample ID: 890-3952-10
Matrix: Solid
Date Collected: 01/19/23 11:15
Date Received: 01/24/23 13:07

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	45053	01/30/23 12:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45127	02/01/23 03:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45250	02/02/23 11:39	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45272	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45240	02/02/23 09:34	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/03/23 05:13	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44971	01/29/23 17:46	KS	EET MID
Soluble	Analysis	300.0		1			45041	01/30/23 13:55	CH	EET MID

Lab Chronicle

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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	T104704400-22-25	06-30-23

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: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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:

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

Sample Summary

Client: Talon/LPE
Project/Site: Travis Bassett-Birney #001

Job ID: 890-3952-1
SDG: 702520.039.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3952-1	S-4R	Solid	01/19/23 10:05	01/24/23 13:07	3'
890-3952-2	S-5R	Solid	01/19/23 09:54	01/24/23 13:07	3'
890-3952-3	S-6	Solid	01/19/23 10:20	01/24/23 13:07	1'
890-3952-4	S-6R	Solid	01/19/23 10:26	01/24/23 13:07	3'
890-3952-5	S-7	Solid	01/19/23 10:30	01/24/23 13:07	1'
890-3952-6	S-7	Solid	01/19/23 10:35	01/24/23 13:07	3'
890-3952-7	S-7	Solid	01/19/23 10:39	01/24/23 13:07	6'
890-3952-8	S-8	Solid	01/19/23 11:05	01/24/23 13:07	1'
890-3952-9	S-8	Solid	01/19/23 11:09	01/24/23 13:07	3'
890-3952-10	S-8	Solid	01/19/23 11:15	01/24/23 13:07	6'

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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: _____

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Project Manager:	Chad Hensley	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	Chensley@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

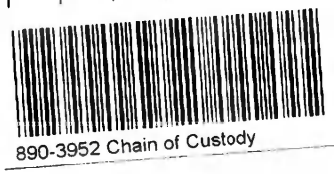
Project Name:	Travis Bassett-Birney #001	Turn Around	
Project Number:	702520.039.01	☑ Routine ☐ Rush	
Project Location:	Rual County, NM	Due Date:	
Sampler's Name:	Chad Hensley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	N/A		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	IR-007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4.8
Total Containers:		Corrected Temperature:	4.6

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: CL	BTEX	TPH	Sample Comments
S-4R	Soil	1/19/2023	10:05	3'	Grab/	1	x	X	X	
S-5R	Soil	1/19/2023	9:54	3'	Grab/	1	x	X	X	
S-6	Soil	1/19/2023	10:20	1'	Grab/	1	x	X	X	
S-6R	Soil	1/19/2023	10:26	3'	Grab/	1	x	X	X	
S-7	Soil	1/19/2023	10:30	1'	Grab/	1	x	X	X	
S-7	Soil	1/19/2023	10:35	3'	Grab/	1	x	X	X	
S-7	Soil	1/19/2023	10:39	6'	Grab/	1	x	X	X	
~~S-8~~	~~Soil~~	~~1/19/2023~~	~~11:05~~	~~4'~~	~~Grab/~~	~~1~~	~~x~~	~~X~~	~~X~~	
S-8	Soil	1/19/2023	11:09	3'	Grab/	1	x	X	X	
S-8	Soil	1/19/2023	11:15	6'	Grab/	1	x	X	X	



ANALYSIS REQUEST

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 Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		Amanda Stuff	1-24-23 1307			
3				4		
5				6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-3952-1
SDG Number: 702520.039.01

Login Number: 3952
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-3952-1
SDG Number: 702520.039.01

Login Number: 3952
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/25/23 12:13 PM

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 213269

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 213269
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NMCS0314035020 TRAVIS BASSETT-BIRNEY #001, thank you. This closure is approved.	9/15/2023