PROMETHEUS CTB PAD A
CLOSURE REQUEST

API NO. 30-025-48727
Unit Letter M, Section 22, Township 24S, Range 33E
LEA COUNTY, NEW MEXICO

DATE OF RELEASE: 01/29/2023
INCIDENT NO. NAPP2303040186

06/24/2024
Prepared by:

2724 NW COUNTY ROAD
HOBBS, NM 88240

June 24, 2024

New Mexico Energy, Mineral & Natural Resources
NMOCD District II
C/O Mike Bratcher, Robert Hamlet, Jennifer Naribu, & Jocelyn Harimon
811 S. First Street
Artesia, NM 88210

New Mexico State Land Office
Water Bureau Manager Faith Crosby
1001 South Atkinson Ave
Roswell, NM 88203

Tap Rock Operating, LLC
C/O Bill Ramsey
523 Park Point Drive
Golden, CO 80401

Subject: Closure Request for Tap Rock Operating – Prometheus CTB Pad A
API No. 30-025-48727
Incident No. NAPP2303040186
Legal Unit Letter M, Section 22, Township 24 South, Range 33 East
Lea County, New Mexico

To Whom it May Concern:

Tap Rock Operating, LLC has retained Energy Staffing Services, LLC (ESS) to conduct a spill assessment for the Prometheus CTB Pad A (hereafter referred to as the "Prometheus CTB") for the produced water release that occurred on January 29th, 2023. On January 30th, 2023, ESS provided the immediate notification of the release to the *New Mexico Oil Conservation Division (NMOCD), District II Office* and the *New Mexico State Land Office (SLO)*, via email at 10:57 AM. (Notification Attached). On behalf of Tap Rock, ESS also submitted the initial C141 Release Notification, along with the spill calculator used to determine the volume of the release (attached) on the same said date. The NMOCD accepted the C141 as record on January 31st, 2023, at 3:19 PM. The incident number assigned to the release is NAPP2303040186. (Notification of correspondence is attached).

This report provides a detailed description of the spill assessment, delineation, and remedial activities, which demonstrate that the closure criteria has been established in the 19.15.29.12 *New Mexico Administrative Code (NMAC: New Mexico Oil Conservation Division, 2018)* have been met and all applicable regulations have been followed. This document is intended to serve as the final report to obtain approval from the NMOCD for the closure of the above-mentioned release.

Incident Description

On January 29th, 2023, a buried water transfer line leaked causing fluid to surface on the well pad of the Prometheus CTB. The wells were shut-in immediately and a hydrovac crew was dispatched to location to repair the line.

Upon discovery of the release, ESS was notified and dispatched to location to conduct an environmental site assessment of the produced water release. It was determined, after measuring of the area of impact, that approximately 31.77 barrels of produced water, with no fluid able to be recovered, had been released onto the pad of the Prometheus CTB. Initial site photos and measuring of the impacted area were conducted. Please see the initial site photos attached.

Site Characterization

The release at the Prometheus CTB occurred on State Land and is located at 32.199247 latitude and -103.568416 longitude, 25 miles northwest of Jal, New Mexico. The legal description of the site is Unit Letter M, Section 22, Township 24 South, and Range 33 East. This site is located in Lea County, New Mexico. Please see the site schematic attached.

The Prometheus CTB consists of production lines and is near production facilities and well pads. The area of the release occurred on the well pad of the Prometheus CTB. The elevation is 3,553 feet. The area is historically or has been primarily dominated by black grama, dropseed, bush muhly, sand bluestem, spike dropseed, and other perennial grasses. Please find the attached Rangeland and Vegetation Classification information attached.

The *United States Department of Agriculture Natural Resources Conservation Services* indicates that the soil type in the area of the Prometheus CTB consists of 59.4% Berino-Cacique association sand, 35.7% Tonuco loamy fine sand, and 4.9% Pyote and Maljamar fine sands. (Soil Map Attached). In the area of the Prometheus CTB, the *FEMA National Flood Hazard Layer* indicates that there is a 0.2% chance of a flood hazard with a 1% chance of flood with an average depth of one foot or with drainage areas of less than one square mile. (See Map Attached).

There is "low potential" for Karst Geology to be present near the Prometheus CTB site, according to the *United States Department of the Interior, Bureau of Land Management*. Please find the Karst Map attached herein.

There is no surface water located near or around the Prometheus CTB. The site is not near a continuously flowing watercourse and or lakebed within ½ a mile from the release. No other critical or community features were found at the Prometheus CTB site. (Attached Watercourse Map).

The nearest and most recent water well to site according to the *New Mexico Office of the State Engineer* is C04708 POD1, drilled in 2023 with a well depth of 100 feet and no groundwater data available. This well is located 799 yards from the site. The second well is C04339 POD1, drilled in 2019 with a well depth of 47 feet and no groundwater depth available, 1,595 yards from the site. The third well is C04339 POD8, drilled in 2019 with a well depth of 30 feet and no groundwater data available. This well is located 1,606 yards from the site. The fourth well is C04339 POD7, drilled in 2019 with a well depth of 43 feet and no groundwater data available, 1,649 yards from the site. The fifth well is C04339 POD2, drilled in 2013 with no available well depth or groundwater data. This well is located 1,858 yards from the site. An extended groundwater search was conducted using the *OSE POD Location Mapping System* and it has been determined that no other wells were found within a ½ mile radius of the Prometheus CTB release. Please find the NMOSE, OSE POD, and the groundwater map attached to this report.

Closure Criteria Determination

The Closure Criteria for Soils impacted by a Release is shown in the chart below. With no groundwater data available within a ½ mile radius from the release point, being on State Land and with having "low karst potential," the site fell under <50' to groundwater. This is only due to not having any recent or available water depths.

DGW	Constituent	Method	Limit
≤ 50'	Chloride	EPA 300.0 OR SM4500 CLB	600 mg/kg
	TPH (GRO + DRO+ MRO)	EPA SW-846 METHOD 8015M	100 mg/kg
	GRO + DRO	EPA SW-846 METHOD 8015M	50 mg/kg
	BTEX	EPA SW-846 METHOD 8021B OR 8260B	10 mg/kg
	Benzene	EPA SW-846 METHOD 8021B OR 8260B	10 mg/kg

Soil Remediation Action Levels

ESS has provided sufficient data that this release has impacted the soil at the Prometheus CTB release site and that the protocol is consistent with the remediation/abatement goals and objectives set forth in the *NMOCD Closure Criteria for Soils Impacted by a Release, dated August 14, 2018.* This document provides direction for Tap Rock's initial response actions, site assessment and sample procedures conducted by ESS Staff. We would like to present to you the following information concerning the delineation process for the release detailed herein.

Soil Sampling Procedures

Soil sampling for laboratory analysis was conducted according to the NMOCD – approved industry standards. Accepted NMOCD soil sampling procedures and laboratory analytical methods are as follows:

- Collect clean samples in airtight glass jars supplied by the laboratory to conduct the analysis.
- Each sample jar was labelled with site and sample information.
- Samples were kept in and stored in a cool place and packed on ice.
- Promptly ship samples to the lab for analysis following the chain of custody procedures.

The following lab analysis method was used for each bottom hole (vertical) and sidewall sample (horizontal) was submitted to Envirotech Analytical Laboratory:

Volatile Organics by EPA 8021B
- Benzene, Toluene, Ethylbenzene, p.m. Xylene, o-Xylene and Total Xylenes

Nonhalogenated Organics by EPA 8015D – GRO
- Gasoline Range Organics (C6-C10)

Nonhalogenated Organics by EPA 8015D – DRO/ORO
- Diesel Range Organics (C10-C28)
- Oil Range Organics (C28-C40)

Anions by EPA 300.0/9056A
- Chloride

Release Investigation Data

On February 17th, 2023, ESS arrived on site of the Prometheus CTB, set delineation sample points, GPS'd each sample point, and began to obtain surface samples. Each surface sample was field tested, logged, and submitted to Envirotech Laboratory for confirmation. A total of 6 vertical sample points were placed along with 7 horizontal sample points. Each sample point was then sampled by use of hand auger and backhoe in 1' and 2' intervals. Bottom hole samples were then submitted to the lab for confirmation. Please see the delineation sample data below, with the lab data indicated in yellow. Attached to this report you will find the sample data, delineation sample map, and the lab analysis.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	>4000	H	ND	ND	1480	1030	2510	6490
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
SP2	SURF	880	H	ND	ND	234	102	336	937
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP3	SURF	800	L	ND	ND	63.5	ND	63.5	217
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND

SP4	SURF	>4000	H	ND	ND	800	1060	1860	11200
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP5	SURF	800	H	ND	ND	110	80.2	190.2	821
	2	240							
	4	80	L	ND	ND	ND	ND	ND	ND
	6	240							
	8	160							
	10	80	L	ND	ND	ND	ND	ND	101
SP6	SURF	480	L	ND	ND	51.7	ND	51.7	449
	2	80							
	4	80							
	6	320							
	8	240							
	10	80	L	ND	ND	ND	ND	ND	ND
SW1	SURF	800	H	ND	ND	1150	679	1829	811
	1	80							
	2	80	L	ND	ND	ND	ND	ND	20.6
SW2	SURF	>4000	H	ND	ND	912	556	1468	8070
	1	880							
	2	400							
	3	80	L	ND	ND	ND	ND	ND	20.9
SW3	SURF	>4000	H	ND	ND	916	592	1508	7880
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW4	SURF	800	H	ND	ND	1000	588	1588	801
	1	400							
	2	160	H	ND	ND	135	158	293	144
	3	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SW5	SURF	1680	H	ND	ND	679	433	1112	1840
	1	160							
	2	80	H	ND	ND	34.1	53.8	87.9	71.8
	3	160							

	4	80	H	ND	ND	76.4	53.1	129.5	21.8
	5	80							
	6	80	L	ND	ND	ND	ND	ND	ND
SW6	SURF	>4000	H	ND	ND	2070	1590	3660	6230
	1	240							
	2	160	H	ND	ND	50.8	ND	50.8	149
	3	80							
	4	80	H	ND	ND	647	449	1096	ND
	5	80							
	6	80	L	ND	ND	ND	ND	ND	ND
SW7	SURF	1680	H	ND	ND	691	475	1166	2040
	1	80							
	2	80	L	ND	ND	ND	ND	ND	51.7

Please see the delineation photos attached herein.

On April 19th, 2023, ESS submitted an extension request to the NMOCD for the delineation phase of the Prometheus CTB. (Please see email attached).

On April 20th, 2023, the NMOCD approved the extension request for 60 days. (Please see email attached).

On December 4th, 2023, ESS sent the official notification to the NMOCD for the composite phase of the release on the Prometheus CTB. On the same day, the NMOCD received and accepted the notification for the composite phase of the release. (Please see email correspondence attached).

On December 5th, 2023, ESS crews began to obtain 200 square foot composites from the excavation area. A total of 12 bottom hole composites were obtained, field tested, and submitted to the lab for confirmation. Please find the composite sample data below as well as attached to this report follow by the lab confirmation data.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
COMP1	2	160	L	ND	ND	ND	ND	ND	ND
COMP2	2	160	L	ND	ND	ND	ND	ND	ND
COMP3	2	240	L	ND	ND	ND	ND	ND	ND

COMP4	2	80	L	ND	ND	ND	ND	ND	ND
COMP5	2	160	L	ND	ND	ND	ND	ND	ND
COMP6	8	160	L	ND	ND	ND	ND	ND	ND
SWCOMP1	2	80	L	ND	ND	ND	ND	ND	ND
SWCOMP2	2	160	L	ND	ND	ND	ND	ND	ND
SWCOMP3	2	240	L	ND	ND	ND	ND	ND	ND
SWCOMP4	2	160	L	ND	ND	ND	ND	ND	ND
SWCOMP5	8	160	L	ND	ND	ND	ND	ND	ND
SWCOMP6	8	240	L	ND	ND	ND	ND	ND	ND

The impacted area of the Prometheus CTB measured 581 square feet. During the remediation phase, a total of 124 cubic yards of contaminated soil was excavated and hauled to the Owl Disposal. A total of 96 cubic yards of caliche and topsoil was pushed up and hauled from the NGL Pit to location for backfill. The backfill material was staged on the production pad of the Prometheus CTB and then transferred to the impacted area where backfilling took place. The site was contoured and sloped back to its natural grade. Backfilling was completed on the Prometheus CTB on February 6th, 2024.

Please find the remediation and final photos attached herein.

Closure Request

On behalf of Tap Rock Operating, LLC, Energy Staffing Services, LLC requests that the incident (NAPP2303040186) be closed for the produced water release that occurred on the Prometheus CTB Pad A. Tap Rock and ESS certify that all information provided and that is detailed in this report to be true and correct. Both Tap Rock and ESS have complied with all applicable closure requirements for the release that occurred on the Prometheus CTB Pad A.

After review of this report, if you have any questions or concerns regarding this closure request, please do not hesitate to contact the undersigned at (575)390-6397 or (575)393-9048. You may also email any issues to natalie@energystaffingllc.com.

Sincerely,

Director of Environmental and Regulatory Services
Energy Staffing Services, LLC.
2724 NW County Road
Hobbs, NM 88240
Cell: 575-390-6397
Office: 575-393-9048
Email: natalie@energystaffingllc.com

Attachments

Spill Notification
Initial C141 and Spill Calculator Form
Impact Map
Initial Site Photos
Site Map
Rangeland and Vegetation Classification
Soil Map
FEMA National Flood Hazard Layer Map
Karst Geology Map
Surface Water Map
Groundwater Information
Groundwater Map
OSE POD Map
Delineation Sample Data (including inserts for Surface and Final Lab Analysis)
Delineation Sample Map and GPS Log
Lab Analysis for Delineation
Delineation Site Photos
Extension Request
Composite Notification
Composite Sample Data
Composite Sample Map and GPS Log
Composite Sidewall Sample Map and GPS Log
Lab analysis for Remediation
Remediation and Final Photos
Final C141

Natalie Gladden

From: Natalie Gladden
Sent: Monday, January 30, 2023 10:57 AM
To: ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD
Cc: 'Bill Ramsey'; Christian Combs; Dakoatah Montanez
Subject: TAP ROCK - PROMETHEUS CTB PAD A RELEASE NOTIFICAITON

Importance: High

All,

Late last night a release was found to be coming from a buried water transfer line on the pad of the Prometheus CTB Pad A for Tap Rock. Wells were shut in immediately and crews are onsite to hydro-vac around the line to make appropriate repairs.

Location: Prometheus CTB Pad A
Closest Well: Prometheus State Com #131H
API No. 30-025-48727
Legal ID: U/L M, Section 22, Township 24S and Range 33 East
Amount Released: 31.77bbsl of produced water
Recovery: 0bbls

The initial C141 and spill calculator will be uploaded to the OCD shortly following this email. If you have any questions or concerns, please let me know.

Sincerely,

Natalie Gladden
Director of Environmental and Regulatory Services
Energy Staffing Services, LLC.
2724 NW County Road
Hobbs, NM 88240
Cell: 575-390-6397
Office: 575-393-9048
Email: natalie@energystaffingllc.com

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Tuesday, January 31, 2023 3:19 PM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 180640

To whom it may concern (c/o Natalie Gladden for TAP ROCK OPERATING, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2303040186,
with the following conditions:

- **None**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Jocelyn Harimon
Environmental Specialist
575-748-1283
Jocelyn.Harimon@emnrd.nm.gov

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

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	NAPP2303040186
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party **TAP ROCK OPERATING, LLC**	OGRID **372043**
Contact Name **CHRISTIAN COMBS**	Contact Telephone **(720)360-4028**
Contact email **ccombs@taprk.com**	Incident # *(assigned by OCD)*
Contact mailing address **523 Park Point Dr. #200**	**Golden CO, 80401**

Location of Release Source

Latitude **32.199247** Longitude **-103.568416**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name **PROMETHEUS CTB PAD A (CLOSEST WELL: PROMETHEUS 131H)**	Site Type **PRODUCTION**
Date Release Discovered **1/29/2023**	API# *(if applicable)* ***30-025-48727***

Unit Letter	Section	Township	Range	County
M	**22**	**24S**	**33E**	**LEA COUNTY**

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) **31.77BBLS**	Volume Recovered (bbls) **0BBLS**
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	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

BURIED WATER TRANSFER LINE LEAKED CAUSING FLUID TO SURFACE. WELLS WERE SHUT IN AND LINE IS BEING REPAIRED.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2303040186
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? **VOLUME OF RELEASE**
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? **EMAIL WAS SENT TO THE OCD, BRATCHER, HAMLET, NOBUI, HARIMON AT 10:57AM, BY NATALIE GLADDEN (ESS) BY EMAIL ON 1/30/23**	

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: **Natalie Gladden** Title: **Director of Environmental and Regulatory**

Signature: Natalie Gladden Date: 1/30/23

email: **natalie@energystaffingllc.com** Telephone: **575-390-6397**

OCD Only

Received by: Jocelyn Harimon Date: 01/30/2023

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	10	10	0.083	8.3	0.24	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravely Sand	0.26	10	10	0.083	8.3	0.38	Gravely Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	48.95	43.87	0.415	891.18615	31.77	Medium Gravel
Coarse Gravel	0.18	10	10	0.083	8.3	0.27	Coarse Gravel
Sandstone	0.25	10	10	0.083	8.3	0.37	Sandstone
Siltstone	0.18	10	10	0.083	8.3	0.27	Siltstone
Shale	0.05	10	10	0.083	8.3	0.07	Shale
Limestone	0.13	10	10	0.083	8.3	0.19	Limestone
Basalt	0.19	10	10	0.083	8.3	0.28	Basalt
Volcanic Tuff	0.20	10	10	0.083	8.3	0.30	Volcanic Tuff
Standing Liquids	X	10	10	0.083	8.3	1.48	Standing Liquids

1	*2*	*3*	*4*	*5*	*6*
0.083	**0.166**	**0.250**	**0.332**	**0.415**	**0.500**
7	*8*	*9*	*10*	*11*	*12*
0.581	**0.664**	**0.750**	**0.830**	**0.913**	**1.000**

NOTE: This is an **estimate** tool designed for quick field estimates of whether a C-141 should be requred *(I.e. a release is estimated to be greater than or less than 5 barrel volumes)*

Choose the one prevailing ground type for estimating spill volumes at a single location.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

TAP ROCK

PROMETHEUS CTB PAD A
IMPACT MAP

Legend

Prometheus A CTB\Underground spill 581 sq. ft.

TAPROCK
PROMETHEUS A PAD


Jal NM 88252
United States
Jan 30, 2023 at 08:21:27

TAP ROCK

PROMETHEUS CTB PAD A
SITE MAP

Legend

PROMETHEUS A CTB

PROMETHEUS A CTB

Google Earth

N

200 ft

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

In areas that have similar climate and topography, differences in the kind and amount of rangeland or forest understory vegetation are closely related to the kind of soil. Effective management is based on the relationship between the soils and vegetation and water.

This table shows, for each soil that supports vegetation, the ecological site, plant association, or habitat type; the total annual production of vegetation in favorable, normal, and unfavorable years; the characteristic vegetation; and the average percentage of each species. An explanation of the column headings in the table follows.

An *ecological site, plant association, or habitat type* is the product of all the environmental factors responsible for its development. It has characteristic soils that have developed over time throughout the soil development process; a characteristic hydrology, particularly infiltration and runoff that has developed over time; and a characteristic plant community (kind and amount of vegetation). The hydrology of the site is influenced by development of the soil and plant community. The vegetation, soils, and hydrology are all interrelated. Each is influenced by the others and influences the development of the others. The plant community on an ecological site, plant association, or habitat type is typified by an association of species that differs from that of other ecological sites, plant associations, or habitat types in the kind and/or proportion of species or in total production. Descriptions of ecological sites are provided in the Field Office Technical Guide, which is available in local offices of the Natural Resources Conservation Service (NRCS). Descriptions of plant associations or habitat types are available from local U.S. Forest Service offices.

Total dry-weight production is the amount of vegetation that can be expected to grow annually in a well managed area that is supporting the potential natural plant community. It includes all vegetation, whether or not it is palatable to grazing animals. It includes the current year's growth of leaves, twigs, and fruits of woody plants. It does not include the increase in stem diameter of trees and shrubs. It is expressed in pounds per acre of air-dry vegetation for favorable, normal, and unfavorable years. In a favorable year, the amount and distribution of precipitation and the temperatures make growing conditions substantially better than average. In a normal year, growing conditions are about average. In an unfavorable year, growing conditions are well below average, generally because of low available soil moisture. Yields are adjusted to a common percent of air-dry moisture content.

Characteristic vegetation (the grasses, forbs, shrubs, and understory trees that make up most of the potential natural plant community on each soil) is listed by common name. Under *rangeland composition and forest understory*, the expected percentage of the total annual production is given for each species making up the characteristic vegetation. The percentages are by dry weight for rangeland. Percentages for forest understory are by either dry weight or canopy cover. The amount that can be used as forage depends on the kinds of grazing animals and on the grazing season.

Range management requires knowledge of the kinds of soil and of the potential natural plant community. It also requires an evaluation of the present range similarity index and rangeland trend. Range similarity index is determined by comparing the present plant community with the potential natural plant community on a particular rangeland ecological site. The more closely the existing community resembles the potential community, the higher the range similarity index. Rangeland trend is defined as the direction of change in an existing plant community relative to the potential natural plant community. Further information about the range similarity index and rangeland trend is available in the "National Range and Pasture Handbook," which is available in local offices of NRCS or on the Internet.

The objective in range management is to control grazing so that the plants growing on a site are about the same in kind and amount as the potential natural plant community for that site. Such management generally results in the optimum production of vegetation, control of undesirable brush species, conservation of water, and control of erosion. Sometimes, however, an area with a range similarity index somewhat below the potential meets grazing needs, provides wildlife habitat, and protects soil and water resources.

Reference:

United States Department of Agriculture, Natural Resources Conservation Service, National range and pasture handbook.

Report—Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
BH—Berino-Cacique association, hummocky								
Berino	Loamy Sand (R070BD003NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					soaptree yucca	5		
					threeawn	5		
Cacique	Sandy (R070BD004NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					threeawn	5		
					yucca	5		

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
PU—Pyote and Maljamar fine sands								

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
Pyote	Loamy Sand (R070BD003NM)	2,000	1,500	1,000	little bluestem	10		
					other shrubs	10		
					other perennial forbs	10		
					sand bluestem	10		
					spike dropseed	10		
					Arizona cottontop	5		
					black grama	5		
					bush muhly	5		
					cane bluestem	5		
					giant dropseed	5		
					hooded windmill grass	5		
					mesa dropseed	5		
					other perennial grasses	5		
					plains bristlegrass	5		
					sand dropseed	5		
Maljamar	Loamy Sand (R070BD003NM)	1,800	—	650	black grama	15		
					other perennial forbs	15		
					dropseed	10		
					little bluestem	10		
					other perennial grasses	10		
					plains bristlegrass	10		
					bush muhly	5		
					cane bluestem	5		
					fall witchgrass	5		
					Havard's oak	5		
					other shrubs	5		
					sand sagebrush	5		

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

Soil Map—Lea County, New Mexico
(PROMETHEUS CTB PAD A)

Map Scale: 1:4,510 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 50 100 200 300

Feet
0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Soil Map—Lea County, New Mexico
(PROMETHEUS CTB PAD A)

MAP LEGEND

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

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

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

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 20, Sep 6, 2023

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

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

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

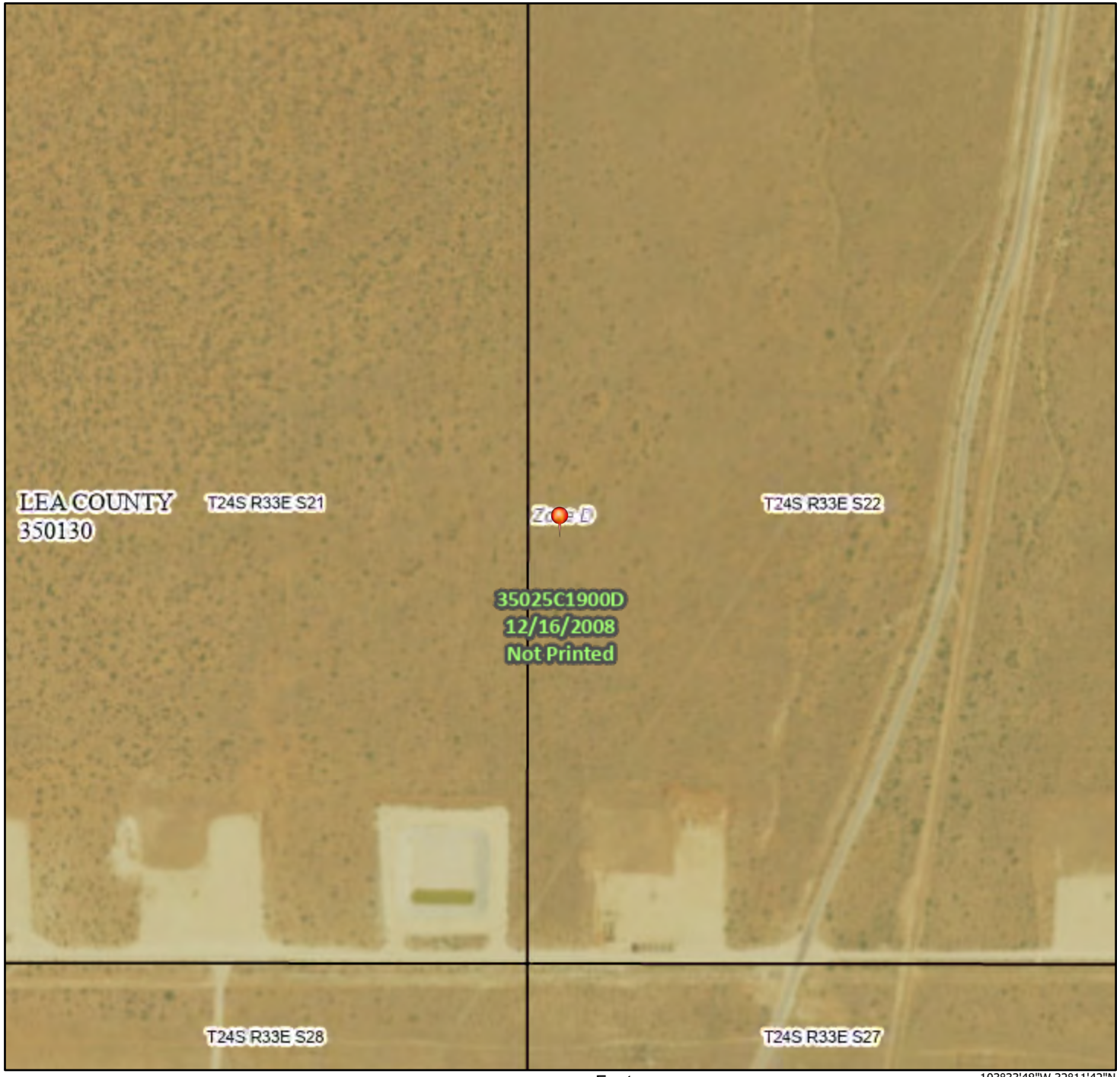
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	50.4	59.4%
PU	Pyote and Maljamar fine sands	4.2	4.9%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	30.3	35.7%
Totals for Area of Interest		**84.9**	**100.0%**

National Flood Hazard Layer FIRMette

FEMA

103°34'25"W 32°12'13"N



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

1:6,000

103°33'48"W 32°11'42"N

Basemap Imagery Source: USGS National Map 2023

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 D*

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

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 5/31/2024 at 4:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

TAP ROCK

PROMETHEUS CTB PAD A
KARST MAP

TAP ROCK

PROMETHEUS CTB PAD A
WATERCOURSE MAP

Legend

PROMETHEUS A CTB

PROMETHEUS A CTB

Hearns pit

Google Earth

3000 ft

N

New Mexico Office of the State Engineer
Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	POD Code	Sub-basin	County	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04708 POD1		CUB	LE		1	3	4	21	24S	33E	634149	3563262	799	03/23/2023	03/27/2023	06/23/2023	100		JOE SKAGGS	1453

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 634933.64 **Northing (Y):** 3563419.44 **Radius:** 1000

New Mexico Office of the State Engineer
Wells with Well Log Information

(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 Code	County	Source	q 6416	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04708 POD1	CUB	LE		1 3	4	21	24S	33E	634149	3563262	799	03/23/2023	03/27/2023	06/23/2023	100		JOE SKAGGS	1453
C 04339 POD1	CUB	LE		1 3	3	23	24S	33E	636525	3563309	1595	08/01/2019	08/02/2019	08/22/2019	47		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD8	CUB	LE		1 1	3	23	24S	33E	636519	3563681	1606	07/31/2019	07/31/2019	08/22/2019	30		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD7	CUB	LE		4 4	2	23	24S	33E	636473	3564011	1649	07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD2	CUB	LE		2 3	3	23	24S	33E	636789	3563315	1858	08/06/2019	08/06/2019	08/22/2019			CURRIE, SHANEG..TY" ENER	1575
C 03600 POD4	CUB	LE	Shallow	3 3	1	26	24S	33E	636617	3562293	2025	01/08/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
C 03565 POD9	CUB	LE			4 4	15	24S	33E	636430	3565005	2180			04/02/2013				
C 03565 POD8	CUB	LE			4 1	15	24S	33E	635485	3565610	2259			04/02/2013				
C 03600 POD7	CUB	LE	Shallow	3 1	3	26	24S	33E	636726	3561968	2306	01/08/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD3	CUB	LE		2 4	3	23	24S	33E	637273	3563323	2341	08/06/2019	08/06/2019	08/22/2019	38		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD4	CUB	LE		2 4	3	23	24S	33E	637273	3563323	2341	08/06/2019	08/07/2019	08/22/2019	47		CURRIE, SHANEG..TY" ENER	1575
C 03600 POD1	CUB	LE	Shallow	2 2	1	26	24S	33E	637275	3563023	2374	01/07/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD6	CUB	LE		3 1	2	23	24S	33E	637340	3564386	2593	07/31/2019	07/31/2019	08/22/2019	60		CURRIE, SHANEG..TY" ENER	1575
C 03662 POD1	C	LE	Shallow	3 1	2	23	24S	33E	637342	3564428	2611	08/19/2013	08/20/2013	09/16/2013	550	110	JOHN SIRMAN	1654
C 04339 POD5	CUB	LE		2 3	4	23	24S	33E	637580	3563328	2647	08/06/2019	08/07/2019	08/22/2019	54		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD10	CUB	LE		4 1	4	23	24S	33E	637688	3563503	2755	08/01/2019	08/01/2019	08/22/2019	49		CURRIE, SHANEG..TY" ENER	1575

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

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(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 Code	County	Source	q 6416	q	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 03600 POD6	CUB	LE	Shallow	3	1	4	26	24S	33E	637383	3562026	2817	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD9	CUB	LE		3	4	2	23	24S	33E	637731	3563913	2840	08/01/2019	08/01/2019	08/22/2019	45		CURRIE, SHANEG..TY" ENER	1575
C 03601 POD6	CUB	LE	Shallow	1	4	4	23	24S	33E	637834	3563338	2901	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 04824 POD1	CUB	LE		1	1	2	16	24S	33E	634113	3566203	2902	04/16/2024	04/16/2024	04/25/2024	105		JASON MALEY	1833
C 03601 POD2	CUB	LE	Shallow	3	2	4	23	24S	33E	637846	3563588	2917	01/06/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD7	CUB	LE	Shallow	4	4	4	23	24S	33E	637946	3563170	3022	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD3	CUB	LE	Shallow	4	1	1	35	24S	33E	636890	3561092	3039	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD3	CUB	LE	Shallow	3	4	2	26	24S	33E	637784	3562340	3048	01/16/2013	01/16/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD5	CUB	LE	Shallow	2	4	4	23	24S	33E	637988	3563334	3055	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD3	CUB	LE	Shallow	1	3	3	24	24S	33E	638142	3563413	3208	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD5	CUB	LE	Shallow	3	3	2	35	24S	33E	636745	3560767	3211	01/12/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD1	CUB	LE	Shallow	4	4	2	23	24S	33E	638124	3563937	3232	12/21/2012	12/21/2012	01/08/2013			RODNEY HAMMER	1186
C 03600 POD5	CUB	LE	Shallow	3	2	4	26	24S	33E	637857	3562020	3240	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD2	CUB	LE	Shallow	3	1	2	35	24S	33E	637384	3561167	3328	01/11/2013	01/11/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD6	CUB	LE	Shallow	3	1	3	35	24S	33E	636749	3560447	3482	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD1	CUB	LE	Shallow	3	2	2	35	24S	33E	637805	3561225	3613	01/10/2013	01/10/2013	01/30/2013			RODNEY HAMMER	1186
C 04741 POD1	CUB	LE		1	2	4	10	24S	33E	636076	3567039	3796	05/08/2023	05/11/2023	06/15/2023	55		JOHN W WHITE	1456
C 03565 POD3	CUB	LE			3	4	08	24S	33E	632763	3566546	3806	09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
C 03601 POD4	CUB	LE	Shallow	3	3	3	24	24S	33E	638162	3561375	3821	01/03/2013	01/04/2013	01/30/2013			RODNEY HAMMER	1186
C 03917 POD1	C	LE	Shallow	4	1	3	13	24S	33E	638374	3565212	3879	03/01/2016	03/04/2016	03/11/2016	600	420	CASE KEY	1058

(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 Code	County	Source	q 6416	q 4	q	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04768 POD1	CUB	LE		3	3	4	19	24S	33E	631048	3563110	3898	12/13/2023	12/13/2023	01/12/2024	55		JASON MALEY	1833
C 03600 POD2	CUB	LE	Shallow	4	4	1	25	24S	33E	638824	3562329	4040	01/07/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
C 03602 POD2	CUB	LE	Shallow	4	4	1	25	24S	33E	638824	3562329	4040	01/15/2013	01/15/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD4	CUB	LE	Shallow	3	2	4	35	24S	33E	637789	3560461	4111	01/14/2013	01/14/2013	01/30/2013			RODNEY HAMMER	1186
C 03666 POD1	C	LE	Shallow	2	3	4	13	24S	33E	639132	3565078	4514	10/18/2013	10/26/2013	11/14/2013	650	390	CASEY KEYS	1058

Record Count: 41

UTMNAD83 Radius Search (in meters):

Easting (X): 634933.64 **Northing (Y):** 3563419.44 **Radius:** 5000

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04708 POD1	1	3	4	21	24S	33E	634149	3563262

Driller License: 1453 **Driller Company:** HYDROTECH DRILLING
Driller Name: JOE SKAGGS

Drill Start Date: 03/23/2023 **Drill Finish Date:** 03/27/2023 **Plug Date:**
Log File Date: 06/23/2023 **PCW Rcv Date:** **Source:**
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**
Casing Size: 3.00 **Depth Well:** 100 feet **Depth Water:**

Casing Perforations:	Top	Bottom
	80	100

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04339 POD1	1	3	3	23	24S	33E	636525	3563309

Driller License: 1575 **Driller Company:** CURRIE DRILLING COMPANY, INC
Driller Name: CURRIE, SHANEG..TY"ENER

Drill Start Date: 08/01/2019 **Drill Finish Date:** 08/02/2019 **Plug Date:** 08/02/2019
Log File Date: 08/22/2019 **PCW Rcv Date:** **Source:**
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**
Casing Size: **Depth Well:** 47 feet **Depth Water:**

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04339 POD8	1	1	3	23	24S	33E	636519	3563681

Driller License: 1575 **Driller Company:** CURRIE DRILLING COMPANY, INC

Driller Name: CURRIE, SHANEG..TY"ENER

Drill Start Date:	07/31/2019	**Drill Finish Date:**	07/31/2019	**Plug Date:**	07/31/2019
Log File Date:	08/22/2019	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	30 feet	**Depth Water:**	

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04339 POD7	4	4	2	23	24S	33E	636473	3564011

Driller License: 1575 **Driller Company:** CURRIE DRILLING COMPANY, INC

Driller Name: CURRIE, SHANEG..TY"ENER

Drill Start Date:	07/31/2019	**Drill Finish Date:**	07/31/2019	**Plug Date:**	07/31/2019
Log File Date:	08/22/2019	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	43 feet	**Depth Water:**	

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04339 POD2	2	3	3	23	24S	33E	636789	3563315

Driller License: 1575 **Driller Company:** CURRIE DRILLING COMPANY, INC

Driller Name: CURRIE, SHANEG..TY"ENER

Drill Start Date: 08/06/2019 **Drill Finish Date:** 08/06/2019 **Plug Date:** 08/06/2019

Log File Date: 08/22/2019 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

TAP ROCK

PROMETHEUS CTB PAD A
GROUNDWATER MAP

OSE POD Location Map

6/24/2024, 9:12:30 AM

GIS WATERS PODs
- Active
- Pending
- Inactive
- Plugged

OSE District Boundary

Water Right Regulations
- Closure Area

Artesian Planning Area

New Mexico State Trust Lands
- Both Estates

NHD Flowlines
- Stream River

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.

Company Name: TAP ROCK **Location Name:** PROMETHEUS A CTB **Release Date:**

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURF	>4000	H	ND	ND	1480	1030	2510	6490		TPH 2/17/23
	2	160									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP2	SURF	880	H	ND	ND	234	102	336	937		TPH 2/17/23
	2	80									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP3	SURF	800	L	ND	ND	63.5	ND	63.5	217		TPH 2/17/23
	2	80									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP4	SURF	>4000	H	ND	ND	800	1060	1860	11200		TPH 2/17/23
	2	80									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP5	SURF	800	H	ND	ND	110	80.2	190.2	821		TPH 2/17/23
	2	240									24-Feb
	4	80	L	ND	ND	ND	ND	ND	ND		24-Feb
	6	240									
	8	160									
	10	80	L	ND	ND	ND	ND	ND	101		1-Mar
SP6	SURF	480	L	ND	ND	51.7	ND	51.7	449		TPH 2/17/23
	2	80									24-Feb
	4	80									24-Feb
	6	320									24-Feb
	8	240									24-Feb
	10	80	L	ND	ND	ND	ND	ND	ND		24-Feb
SW1	SURF	800	H	ND	ND	1150	679	1829	811		24-Feb

	1	80									24-Feb
	2	80	L	ND	ND	ND	ND	ND	20.6		24-Feb
SW2	SURF	>4000	H	ND	ND	912	556	1468	8070		24-Feb
	1	880									24-Feb
	2	400									24-Feb
	3	80	L	ND	ND	ND	ND	ND	20.9		24-Feb
SW3	SURF	>4000	H	ND	ND	916	592	1508	7880		24-Feb
	1	80									24-Feb
	2	80	L	ND	ND	ND	ND	ND	ND		24-Feb
SW4	SURF	800	H	ND	ND	1000	588	1588	801		24-Feb
	1	400									24-Feb
	2	160	H	ND	ND	135	158	293	144		24-Feb
	3	80									
	4	80	L	ND	ND	ND	ND	ND	ND		
SW5	SURF	1680	H	ND	ND	679	433	1112	1840		24-Feb
	1	160									24-Feb
	2	80	H	ND	ND	34.1	53.8	87.9	71.8		24-Feb
	3	160									
	4	80	H	ND	ND	76.4	53.1	129.5	21.8		
	5	80									
	6	80	L	ND	ND	ND	ND	ND	ND		
SW6	SURF	>4000	H	ND	ND	2070	1590	3660	6230		24-Feb
	1	240									24-Feb
	2	160	H	ND	ND	50.8	ND	50.8	149		24-Feb
	3	80									
	4	80	H	ND	ND	647	449	1096	ND		
	5	80									
	6	80	L	ND	ND	ND	ND	ND	ND		

SW7	SURF	1680	H	ND	ND	691	475	1166	2040		24-Feb
	1	80									24-Feb
	2	80	L	ND	ND	ND	ND	ND	51.7		24-Feb

TAP ROCK

PROMETHEUS CTB PAD A
DELINEATION SAMPLE MAP

Legend

- HORIZONTALSAMPLE POINTS
- Prometheus A CTB\Underground spill 581 sq. ft.
- VERTICAL SAMPLE POINTS

SW1
SW7
SP2
SP3
SW5
SP1
SW6
SP4
SW2
SW4
SP5
SP6
SW3

Google Earth

N

70 ft

COMPANY: TAP ROCK

LOCATION: PROMETHEUS CTB PAD A

POINT	LATITUDE	LONGITUDE
SP1	32.199255°	-103.568448°
SP2	32.199267°	-103.568394°
SP3	32.199284°	-103.568336°
SP4	32.199240°	-103.568345°
SP5	32.199212°	-103.568368°
SP6	32.199219°	-103.568407°
SW1	32.199299°	-103.568322°
SW2	32.199246°	-103.568331°
SW3	32.199196°	-103.568372°
SW4	32.199223°	-103.568426°
SW5	32.199263°	-103.568482°
SW6	32.199249°	-103.568421°
SW7	32.199291°	-103.568391°

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Prometheus A CTB

Work Order: E302087

Job Number: 20046-0001

Received: 2/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/22/23

Date Reported: 2/22/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus A CTB
Workorder: E302087
Date Received: 2/21/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/21/2023 7:00:00AM, under the Project Name: Prometheus A CTB.

The analytical test results summarized in this report with the Project Name: Prometheus A CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/22/23 13:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1 - SURF	E302087-01A	Soil	02/17/23	02/21/23	Glass Jar, 2 oz.
SP 2 - SURF	E302087-02A	Soil	02/17/23	02/21/23	Glass Jar, 2 oz.
SP 3 - SURF	E302087-03A	Soil	02/17/23	02/21/23	Glass Jar, 2 oz.
SP 4 - SURF	E302087-04A	Soil	02/17/23	02/21/23	Glass Jar, 2 oz.
SP 5 - SURF	E302087-05A	Soil	02/17/23	02/21/23	Glass Jar, 2 oz.
SP 6 - SURF	E302087-06A	Soil	02/17/23	02/21/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

SP 1 - SURF

E302087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Benzene	ND	0.0250	1	02/21/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/21/23	02/21/23	
Toluene	ND	0.0250	1	02/21/23	02/21/23	
o-Xylene	ND	0.0250	1	02/21/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/21/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2308014
Diesel Range Organics (C10-C28)	**1480**	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	**1030**	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308018
Chloride	**6490**	200	10	02/21/23	02/21/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

SP 2 - SURF

E302087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Benzene	ND	0.0250	1	02/21/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/21/23	02/21/23	
Toluene	ND	0.0250	1	02/21/23	02/21/23	
o-Xylene	ND	0.0250	1	02/21/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/21/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2308014
Diesel Range Organics (C10-C28)	**234**	25.0	1	02/21/23	02/22/23	
Oil Range Organics (C28-C36)	**102**	50.0	1	02/21/23	02/22/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/21/23*	*02/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308018
Chloride	**937**	20.0	1	02/21/23	02/21/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

SP 3 - SURF

E302087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Benzene	ND	0.0250	1	02/21/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/21/23	02/21/23	
Toluene	ND	0.0250	1	02/21/23	02/21/23	
o-Xylene	ND	0.0250	1	02/21/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/21/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2308014
Diesel Range Organics (C10-C28)	**63.5**	25.0	1	02/21/23	02/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/22/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/21/23*	*02/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308018
Chloride	**217**	20.0	1	02/21/23	02/21/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

SP 4 - SURF

E302087-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Benzene	ND	0.0250	1	02/21/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/21/23	02/21/23	
Toluene	ND	0.0250	1	02/21/23	02/21/23	
o-Xylene	ND	0.0250	1	02/21/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/21/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2308014
Diesel Range Organics (C10-C28)	**800**	50.0	2	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	**1060**	100	2	02/21/23	02/21/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308018
Chloride	**11200**	400	20	02/21/23	02/21/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

SP 5 - SURF

E302087-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Benzene	ND	0.0250	1	02/21/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/21/23	02/21/23	
Toluene	ND	0.0250	1	02/21/23	02/21/23	
o-Xylene	ND	0.0250	1	02/21/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/21/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2308014
Diesel Range Organics (C10-C28)	**110**	25.0	1	02/21/23	02/22/23	
Oil Range Organics (C28-C36)	**80.2**	50.0	1	02/21/23	02/22/23	
Surrogate: n-Nonane		*108 %*	*50-200*	*02/21/23*	*02/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308018
Chloride	**821**	20.0	1	02/21/23	02/21/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

SP 6 - SURF

E302087-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Benzene	ND	0.0250	1	02/21/23	02/21/23	
Ethylbenzene	ND	0.0250	1	02/21/23	02/21/23	
Toluene	ND	0.0250	1	02/21/23	02/21/23	
o-Xylene	ND	0.0250	1	02/21/23	02/21/23	
p,m-Xylene	ND	0.0500	1	02/21/23	02/21/23	
Total Xylenes	ND	0.0250	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2308016
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/21/23	02/21/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*70-130*	*02/21/23*	*02/21/23*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*02/21/23*	*02/21/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2308014
Diesel Range Organics (C10-C28)	**51.7**	25.0	1	02/21/23	02/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/21/23	02/21/23	
Surrogate: n-Nonane		*108 %*	*50-200*	*02/21/23*	*02/21/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2308018
Chloride	**449**	20.0	1	02/21/23	02/21/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308016-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: Toluene-d8	*0.475*		*0.500*		*94.9*	*70-130*			
LCS (2308016-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Benzene	2.30	0.0250	2.50		92.2	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.9	70-130			
Toluene	2.30	0.0250	2.50		91.9	70-130			
o-Xylene	2.37	0.0250	2.50		94.8	70-130			
p,m-Xylene	4.66	0.0500	5.00		93.3	70-130			
Total Xylenes	7.03	0.0250	7.50		93.8	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.567*		*0.500*		*113*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.7*	*70-130*			
Matrix Spike (2308016-MS1)				**Source: E302087-03**					Prepared: 02/21/23 Analyzed: 02/21/23
Benzene	2.37	0.0250	2.50	ND	94.8	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.9	45-135			
Toluene	2.34	0.0250	2.50	ND	93.7	48-130			
o-Xylene	2.44	0.0250	2.50	ND	97.4	43-135			
p,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135			
Total Xylenes	7.22	0.0250	7.50	ND	96.2	43-135			
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*0.500*		*114*	*70-130*			
Surrogate: Toluene-d8	*0.480*		*0.500*		*95.9*	*70-130*			
Matrix Spike Dup (2308016-MSD1)				**Source: E302087-03**					Prepared: 02/21/23 Analyzed: 02/21/23
Benzene	2.31	0.0250	2.50	ND	92.4	48-131	2.54	23	
Ethylbenzene	2.28	0.0250	2.50	ND	91.1	45-135	2.02	27	
Toluene	2.31	0.0250	2.50	ND	92.4	48-130	1.40	24	
o-Xylene	2.36	0.0250	2.50	ND	94.3	43-135	3.28	27	
p,m-Xylene	4.69	0.0500	5.00	ND	93.9	43-135	1.90	27	
Total Xylenes	7.05	0.0250	7.50	ND	94.0	43-135	2.36	27	
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.568*		*0.500*		*114*	*70-130*			
Surrogate: Toluene-d8	*0.477*		*0.500*		*95.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308016-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: Toluene-d8	*0.475*		*0.500*		*94.9*	*70-130*			
LCS (2308016-BS2)									Prepared: 02/21/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.1	70-130			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.559*		*0.500*		*112*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.5*	*70-130*			
Matrix Spike (2308016-MS2)				**Source: E302087-03**					Prepared: 02/21/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.6	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.538*		*0.500*		*108*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.3*	*70-130*			
Matrix Spike Dup (2308016-MSD2)				**Source: E302087-03**					Prepared: 02/21/23 Analyzed: 02/21/23
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130	0.187	20	
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.558*		*0.500*		*112*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308014-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.8*		*50.0*		*110*	*50-200*			
LCS (2308014-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	209	25.0	250		83.5	38-132			
Surrogate: n-Nonane	*50.8*		*50.0*		*102*	*50-200*			
Matrix Spike (2308014-MS1)				**Source: E302087-06**					Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	286	25.0	250	51.7	93.8	38-132			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2308014-MSD1)				**Source: E302087-06**					Prepared: 02/21/23 Analyzed: 02/21/23
Diesel Range Organics (C10-C28)	264	25.0	250	51.7	85.0	38-132	8.00	20	
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/22/2023 1:05:00PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2308018-BLK1)									Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	ND	20.0							
LCS (2308018-BS1)									Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2308018-MS1)				**Source: E302087-01**					Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	7150	200	250	6490	266	80-120			M5
Matrix Spike Dup (2308018-MSD1)				**Source: E302087-01**					Prepared: 02/21/23 Analyzed: 02/21/23
Chloride	6920	200	250	6490	173	80-120	3.30	20	M5

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/22/23 13:05

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: TaRoca
Project: Prometheus A CTB
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 NW COUNTY ROAD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
EMAIL TO: Natalie@energystaffingllc.com
Dakoatah@energystaffingllc.com

Lab Use Only
Lab WO# E302087
Job Number 20046-0001

TAT
1D | 2D | 3D | Standard
X

EPA Program
CWA | SDWA | RCRA

State
NM | CO | UT | AZ | TX
X

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	02/17/23	S	1	SP 1 - SUGF	1							X		
				SP 2 - SUGF	2									
				SP 3 - SUGF	3									
				SP 4 - SUGF	4									
				SP 5 - SUGF	5									
	02/17/23	S	1	SP 6 - SUGF	6							X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	02/17/23		Michelle Gonzales	2-20-23	1245
Michelle Gonzales	2-20-23	1630	Lorenzo Lei	2-20-23	1645
Lorenzo Lei	2-20-23	2230	Hunter Hess	2-21-23	0700

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/21/2023 8:43:59AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	02/21/23 07:00	Work Order ID:	E302087
Phone:	(575) 390-6397	Date Logged In:	02/20/23 13:18	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/22/23 07:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project manager and time sampled not provided on COC per client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Prometheus A CTB
Work Order:	E302109
Job Number:	20046-0001
Received:	2/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/28/23

Date Reported: 2/28/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus A CTB
Workorder: E302109
Date Received: 2/27/2023 7:22:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/27/2023 7:22:00AM, under the Project Name: Prometheus A CTB.

The analytical test results summarized in this report with the Project Name: Prometheus A CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/28/23 14:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1 - 4'	E302109-01A	Soil	02/23/23	02/27/23	Glass Jar, 2 oz.
SP 2 - 4'	E302109-02A	Soil	02/23/23	02/27/23	Glass Jar, 2 oz.
SP 3 - 4'	E302109-03A	Soil	02/23/23	02/27/23	Glass Jar, 2 oz.
SP 4 - 4'	E302109-04A	Soil	02/23/23	02/27/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

SP 1 - 4'

E302109-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Benzene	ND	0.0250	1	02/27/23	02/27/23	
Ethylbenzene	ND	0.0250	1	02/27/23	02/27/23	
Toluene	ND	0.0250	1	02/27/23	02/27/23	
o-Xylene	ND	0.0250	1	02/27/23	02/27/23	
p,m-Xylene	ND	0.0500	1	02/27/23	02/27/23	
Total Xylenes	ND	0.0250	1	02/27/23	02/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/23	02/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309003
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/27/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/27/23*	*02/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309005
Chloride	ND	20.0	1	02/27/23	02/27/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

SP 2 - 4'

E302109-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Benzene	ND	0.0250	1	02/27/23	02/27/23	
Ethylbenzene	ND	0.0250	1	02/27/23	02/27/23	
Toluene	ND	0.0250	1	02/27/23	02/27/23	
o-Xylene	ND	0.0250	1	02/27/23	02/27/23	
p,m-Xylene	ND	0.0500	1	02/27/23	02/27/23	
Total Xylenes	ND	0.0250	1	02/27/23	02/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/23	02/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309003
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/27/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*02/27/23*	*02/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309005
Chloride	ND	20.0	1	02/27/23	02/27/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

SP 3 - 4'

E302109-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Benzene	ND	0.0250	1	02/27/23	02/27/23	
Ethylbenzene	ND	0.0250	1	02/27/23	02/27/23	
Toluene	ND	0.0250	1	02/27/23	02/27/23	
o-Xylene	ND	0.0250	1	02/27/23	02/27/23	
p,m-Xylene	ND	0.0500	1	02/27/23	02/27/23	
Total Xylenes	ND	0.0250	1	02/27/23	02/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/23	02/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309003
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/27/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*02/27/23*	*02/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309005
Chloride	ND	20.0	1	02/27/23	02/27/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

SP 4 - 4'

E302109-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Benzene	ND	0.0250	1	02/27/23	02/27/23	
Ethylbenzene	ND	0.0250	1	02/27/23	02/27/23	
Toluene	ND	0.0250	1	02/27/23	02/27/23	
o-Xylene	ND	0.0250	1	02/27/23	02/27/23	
p,m-Xylene	ND	0.0500	1	02/27/23	02/27/23	
Total Xylenes	ND	0.0250	1	02/27/23	02/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309004
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/23	02/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*02/27/23*	*02/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309003
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/27/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*02/27/23*	*02/27/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309005
Chloride	ND	20.0	1	02/27/23	02/27/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309004-BLK1)									Prepared: 02/27/23 Analyzed: 02/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*70-130*			
LCS (2309004-BS1)									Prepared: 02/27/23 Analyzed: 02/27/23
Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	5.30	0.0250	5.00		106	70-130			
Toluene	5.44	0.0250	5.00		109	70-130			
o-Xylene	5.43	0.0250	5.00		109	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.07*		*8.00*		*101*	*70-130*			
Matrix Spike (2309004-MS1)				**Source: E302109-02**					Prepared: 02/27/23 Analyzed: 02/28/23
Benzene	4.68	0.0250	5.00	ND	93.7	54-133			
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	61-133			
Toluene	4.80	0.0250	5.00	ND	96.0	61-130			
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131			
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	63-131			
Total Xylenes	14.3	0.0250	15.0	ND	95.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2309004-MSD1)				**Source: E302109-02**					Prepared: 02/27/23 Analyzed: 02/28/23
Benzene	4.76	0.0250	5.00	ND	95.3	54-133	1.71	20	
Ethylbenzene	4.76	0.0250	5.00	ND	95.1	61-133	1.87	20	
Toluene	4.88	0.0250	5.00	ND	97.5	61-130	1.63	20	
o-Xylene	4.89	0.0250	5.00	ND	97.7	63-131	1.75	20	
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	63-131	1.70	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.8	63-131	1.72	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.24*		*8.00*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309004-BLK1)									Prepared: 02/27/23 Analyzed: 02/27/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			
LCS (2309004-BS2)									Prepared: 02/27/23 Analyzed: 02/27/23
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike (2309004-MS2)				**Source: E302109-02**					Prepared: 02/27/23 Analyzed: 02/27/23
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			
Matrix Spike Dup (2309004-MSD2)				**Source: E302109-02**					Prepared: 02/27/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.7	70-130	2.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309003-BLK1)									Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.2*		*50.0*		*112*	*50-200*			
LCS (2309003-BS1)									Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*50-200*			
Matrix Spike (2309003-MS1)				**Source: E302110-01**					Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2309003-MSD1)				**Source: E302110-01**					Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	38-132	0.0724	20	
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/28/2023 2:19:21PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309005-BLK1)									Prepared: 02/27/23 Analyzed: 02/27/23
Chloride	ND	20.0							
LCS (2309005-BS1)									Prepared: 02/27/23 Analyzed: 02/27/23
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2309005-MS1)				**Source: E302109-01**					Prepared: 02/27/23 Analyzed: 02/27/23
Chloride	249	20.0	250	ND	99.6	80-120			
Matrix Spike Dup (2309005-MSD1)				**Source: E302109-01**					Prepared: 02/27/23 Analyzed: 02/27/23
Chloride	251	20.0	250	ND	100	80-120	0.812	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/28/23 14:19

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	TaRock
Project:	Prometheus A CTB
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ESS
Address: 2724 NW COUNTY ROAD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
EMAIL TO: Natalie@energystaffingllc.com
Dakoatah@energystaffingllc.com

Lab Use Only

Lab WO# E 302109 | Job Number 20046-0001

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
	X				

RCRA

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	02/23/23	S	1	SP 1 - 4'	1									X				
	"	"	"	SP 2 - 4'	2									"				
	"	"	"	SP 3 - 4'	3									"				
	02/23/23	S	1	SP 4 - 4'	4									X				

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	02/23/23		Michelle Gonzales	2-24-23	1125
Michelle Gonzales	2-24-23	1630	Lorenzo Lei	2-24-23	1730
Lorenzo Lei	2-24-23	2315	Jake Hall	2/27/23	7:22

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 2/27/2023 8:20:12AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	02/27/23 07:22	Work Order ID:	E302109
Phone:	(575) 390-6397	Date Logged In:	02/24/23 14:20	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/28/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project manager and time sampled not provided on COC per client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Prometheus A CTB

Work Order: E302112

Job Number: 20046-0001

Received: 2/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/1/23

Date Reported: 3/1/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus A CTB
Workorder: E302112
Date Received: 2/28/2023 7:09:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/28/2023 7:09:00AM, under the Project Name: Prometheus A CTB.

The analytical test results summarized in this report with the Project Name: Prometheus A CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
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labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/01/23 10:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 5 - 4'	E302112-01A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SP 6 - 10'	E302112-02A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 10:59:48AM

SP 5 - 4'

E302112-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0500	2	02/28/23	02/28/23	
Ethylbenzene	ND	0.0500	2	02/28/23	02/28/23	
Toluene	ND	0.0500	2	02/28/23	02/28/23	
o-Xylene	ND	0.0500	2	02/28/23	02/28/23	
p,m-Xylene	ND	0.100	2	02/28/23	02/28/23	
Total Xylenes	ND	0.0500	2	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	40.0	2	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2309002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/28/23	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*02/27/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	ND	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 10:59:48AM

SP 6 - 10'

E302112-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2309002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/28/23	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*02/27/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	ND	20.0	1	02/28/23	02/28/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 10:59:48AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309014-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			
LCS (2309014-BS1)									Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	4.76	0.0250	5.00		95.3	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130			
Toluene	4.88	0.0250	5.00		97.5	70-130			
o-Xylene	4.88	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.08*		*8.00*		*101*	*70-130*			
Matrix Spike (2309014-MS1)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	4.83	0.0250	5.00	ND	96.7	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.3	61-133			
Toluene	4.95	0.0250	5.00	ND	99.0	61-130			
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131			
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.25*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2309014-MSD1)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	4.74	0.0250	5.00	ND	94.8	54-133	1.92	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133	1.84	20	
Toluene	4.85	0.0250	5.00	ND	97.1	61-130	1.90	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131	1.81	20	
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	1.70	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131	1.74	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.23*		*8.00*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 10:59:48AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309014-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.97*		*8.00*		*87.1*	*70-130*			
LCS (2309014-BS2)									Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike (2309014-MS2)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.3*	*70-130*			
Matrix Spike Dup (2309014-MSD2)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	0.404	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 10:59:48AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309002-BLK1)									Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			
LCS (2309002-BS1)									Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	247	25.0	250		98.6	38-132			
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			
Matrix Spike (2309002-MS1)				**Source: E302111-29**					Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*50-200*			
Matrix Spike Dup (2309002-MSD1)				**Source: E302111-29**					Prepared: 02/27/23 Analyzed: 02/27/23
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	4.15	20	
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 10:59:48AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309019-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	ND	20.0							
LCS (2309019-BS1)									Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2309019-MS1)				**Source: E302115-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	278	20.0	250	26.0	101	80-120			
Matrix Spike Dup (2309019-MSD1)				**Source: E302115-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	278	20.0	250	26.0	101	80-120	0.0884	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/01/23 10:59

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Tap Rock
Project: Prometheus A CTB
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 NW COUNTY ROAD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
EMAIL TO: Natalie@energystaffingllc.com
Dakoatah@energystaffingllc.com

Lab Use Only
Lab WO# EB02112-04
Job Number 20046-0001

TAT: 1D | 2D X | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	02/24/23	S	1	SP 5 - 4'	1							X		
	02/24/23	S	1	SP 6 - 10'	2							X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	02/24/23		Michelle Campos	2-27-23	1300
Michelle Campos	2-27-23	1630	Lorenzo Lei	2-27-23	1635
Lorenzo Lei	2-27-23	2230	Irene Zamora	02/28/23	7:09

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/28/2023 8:56:35AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	02/28/23 07:09	Work Order ID:	E302112
Phone:	(575) 390-6397	Date Logged In:	02/27/23 14:31	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/01/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: na

Comments/Resolution

Project manager and time sampled not provided on COC per client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Prometheus A CTB
Work Order:	E302113
Job Number:	20046-0001
Received:	2/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/1/23

Date Reported: 3/1/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus A CTB
Workorder: E302113
Date Received: 2/28/2023 7:09:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/28/2023 7:09:00AM, under the Project Name: Prometheus A CTB.

The analytical test results summarized in this report with the Project Name: Prometheus A CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
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labadmin@envirotech-inc.com

Field Offices:

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Technical Representative/Client Services
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Cell: 505-320-4759
ljarboe@envirotech-inc.com

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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/01/23 13:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 1 - SURF	E302113-01A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 1 - 2'	E302113-02A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 2 - SURF	E302113-03A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 2 - 3'	E302113-04A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 3 - SURF	E302113-05A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 3 - 2'	E302113-06A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 4 - SURF	E302113-07A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 4 - 2'	E302113-08A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 5 - SURF	E302113-09A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 5 - 2'	E302113-10A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 6 - SURF	E302113-11A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 6 - 2'	E302113-12A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 7 - SURF	E302113-13A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.
SW 7 - 2'	E302113-14A	Soil	02/24/23	02/28/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 1 - SURF

E302113-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**1150**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**679**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*119 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**811**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 1 - 2'

E302113-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*114 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**20.6**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 2 - SURF

E302113-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**912**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**556**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*115 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**8070**	400	20	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 2 - 3'

E302113-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*114 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**20.9**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 3 - SURF

E302113-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**916**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**592**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**7880**	200	10	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 3 - 2'

E302113-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	ND	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 4 - SURF

E302113-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**1000**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**588**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**801**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 4 - 2'

E302113-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**135**	25.0	1	02/28/23	03/01/23	
Oil Range Organics (C28-C36)	**158**	50.0	1	02/28/23	03/01/23	
Surrogate: n-Nonane		*99.4 %*	*50-200*	*02/28/23*	*03/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**144**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 5 - SURF

E302113-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**679**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**433**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**1840**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 5 - 2'

E302113-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**34.1**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**53.8**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**71.8**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 6 - SURF

E302113-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**2070**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**1590**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**6230**	200	10	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 6 - 2'

E302113-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**50.8**	25.0	1	02/28/23	03/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/23	03/01/23	
Surrogate: n-Nonane		*93.2 %*	*50-200*	*02/28/23*	*03/01/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**149**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 7 - SURF

E302113-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	**694**	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	**475**	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**2040**	20.0	1	02/28/23	02/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

SW 7 - 2'

E302113-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*02/28/23*	*02/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2309018
Diesel Range Organics (C10-C28)	ND	25.0	1	02/28/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/28/23	02/28/23	
Surrogate: n-Nonane		*97.9 %*	*50-200*	*02/28/23*	*02/28/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2309019
Chloride	**51.7**	20.0	1	02/28/23	02/28/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309014-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.18*		*8.00*		*102*	*70-130*			
LCS (2309014-BS1)									Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	4.76	0.0250	5.00		95.3	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130			
Toluene	4.88	0.0250	5.00		97.5	70-130			
o-Xylene	4.88	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.08*		*8.00*		*101*	*70-130*			
Matrix Spike (2309014-MS1)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	4.83	0.0250	5.00	ND	96.7	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.3	61-133			
Toluene	4.95	0.0250	5.00	ND	99.0	61-130			
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131			
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.25*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2309014-MSD1)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Benzene	4.74	0.0250	5.00	ND	94.8	54-133	1.92	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133	1.84	20	
Toluene	4.85	0.0250	5.00	ND	97.1	61-130	1.90	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131	1.81	20	
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	1.70	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131	1.74	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.23*		*8.00*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309014-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.97*		*8.00*		*87.1*	*70-130*			
LCS (2309014-BS2)									Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.27*		*8.00*		*90.9*	*70-130*			
Matrix Spike (2309014-MS2)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.3*	*70-130*			
Matrix Spike Dup (2309014-MSD2)				**Source: E302113-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	0.404	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309018-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
LCS (2309018-BS1)									Prepared: 02/28/23 Analyzed: 02/28/23
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*50-200*			
Matrix Spike (2309018-MS1)				**Source: E302114-22**					Prepared: 02/28/23 Analyzed: 02/28/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*50-200*			
Matrix Spike Dup (2309018-MSD1)				**Source: E302114-22**					Prepared: 02/28/23 Analyzed: 02/28/23
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	1.89	20	
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/1/2023 1:49:33PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309019-BLK1)									Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	ND	20.0							
LCS (2309019-BS1)									Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2309019-MS1)				**Source: E302115-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	278	20.0	250	26.0	101	80-120			
Matrix Spike Dup (2309019-MSD1)				**Source: E302115-01**					Prepared: 02/28/23 Analyzed: 02/28/23
Chloride	278	20.0	250	26.0	101	80-120	0.0884	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/01/23 13:49

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 2

Client: TCP Rock	
Project: Prometheus A CTB	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ESS
Address: 2724 NW COUNTY ROAD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
EMAIL TO: Natalie@energystaffingllc.com
Dakoatah@energystaffingllc.com

Lab Use Only

Lab WO# E302113 | Job Number 200410-0001

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
	X				

RCRA:

State: NM X | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	02/24/23	S	1	SW 1-SOGF	1							X		
				SW 1-2'	2									
				SW 2-SOGF	3									
				SW 2-3'	4									
				SW 3-SOGF	5									
				SW 3-2'	6									
				SW 4-SOGF	7									
				SW 4-2'	8									
				SW 5-SOGF	9									
	02/24/23	S	1	SW 5-2'	10							X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	02/24/23		Michelle Gonzales	2-27-23	1300
Michelle Gonzales	2-27-23	1630	Lorenzo Lei	2-27-23	1635
Lorenzo Lei	2-27-23	2230	[illegible]	02/28/23	7:09

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information | Chain of Custody | Page 2 of 2

Client: Tap Rock	
Project: Prometheus A CTB	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ESS
Address: 2724 NW COUNTY ROAD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
EMAIL TO: Natalie@energystaffingllc.com
Dakoatah@energystaffingllc.com

Lab Use Only

Lab WO# E302113 | Job Number 200416-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	02/24/23	S	1	SW 6-SURF	11									X				
	〃	〃	〃	SW 6-2'	12									〃				
				SW 7-SURF	13													
	02/24/23	S	1	SW 7-2'	14									X				

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	02/24/23		Michelle Angels	2-27-23	1300
Michelle Angels	2-27-23	1630	Lorenzo Lein	2-27-23	1635
Lorenzo Lein	2-27-23	2230	Irene Zapata	02/28/23	7:09

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 2/28/2023 9:00:18AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	02/28/23 07:09	Work Order ID:	E302113
Phone:	(575) 390-6397	Date Logged In:	02/27/23 14:36	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/01/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project manager and time sampled not provided on COC per client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Prometheus A CTB
Work Order:	E302119
Job Number:	20046-0001
Received:	3/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/2/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/2/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus A CTB
Workorder: E302119
Date Received: 3/1/2023 7:05:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/1/2023 7:05:00AM, under the Project Name: Prometheus A CTB.

The analytical test results summarized in this report with the Project Name: Prometheus A CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Lynn Jarboe
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Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/02/23 14:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 5 - 10'	E302119-01A	Soil	02/27/23	03/01/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/2/2023 2:06:31PM

SP 5 - 10'

E302119-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2309025
Benzene	ND	0.0250	1	03/01/23	03/01/23	
Ethylbenzene	ND	0.0250	1	03/01/23	03/01/23	
Toluene	ND	0.0250	1	03/01/23	03/01/23	
o-Xylene	ND	0.0250	1	03/01/23	03/01/23	
p,m-Xylene	ND	0.0500	1	03/01/23	03/01/23	
Total Xylenes	ND	0.0250	1	03/01/23	03/01/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*03/01/23*	*03/01/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2309025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/01/23	03/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*03/01/23*	*03/01/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2309028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/01/23	03/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/01/23	03/02/23	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*03/01/23*	*03/02/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2309029
Chloride	**101**	20.0	1	03/01/23	03/02/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/2/2023 2:06:31PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309025-BLK1)									Prepared: 03/01/23 Analyzed: 03/01/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.8*	*70-130*			
LCS (2309025-BS1)									Prepared: 03/01/23 Analyzed: 03/01/23
Benzene	5.41	0.0250	5.00		108	70-130			
Ethylbenzene	5.38	0.0250	5.00		108	70-130			
Toluene	5.52	0.0250	5.00		110	70-130			
o-Xylene	5.47	0.0250	5.00		109	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.4	0.0250	15.0		109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.94*		*8.00*		*99.3*	*70-130*			
Matrix Spike (2309025-MS1)				**Source: E302119-01**					Prepared: 03/01/23 Analyzed: 03/01/23
Benzene	4.93	0.0250	5.00	ND	98.6	54-133			
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	61-133			
Toluene	5.03	0.0250	5.00	ND	101	61-130			
o-Xylene	5.01	0.0250	5.00	ND	100	63-131			
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.23*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2309025-MSD1)				**Source: E302119-01**					Prepared: 03/01/23 Analyzed: 03/01/23
Benzene	5.08	0.0250	5.00	ND	102	54-133	3.00	20	
Ethylbenzene	5.05	0.0250	5.00	ND	101	61-133	2.98	20	
Toluene	5.18	0.0250	5.00	ND	104	61-130	3.02	20	
o-Xylene	5.16	0.0250	5.00	ND	103	63-131	3.02	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	2.96	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	2.98	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.26*		*8.00*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/2/2023 2:06:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309025-BLK1)									Prepared: 03/01/23 Analyzed: 03/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2309025-BS2)									Prepared: 03/01/23 Analyzed: 03/01/23
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			
Matrix Spike (2309025-MS2)				**Source: E302119-01**					Prepared: 03/01/23 Analyzed: 03/01/23
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike Dup (2309025-MSD2)				**Source: E302119-01**					Prepared: 03/01/23 Analyzed: 03/01/23
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.7	70-130	0.500	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/2/2023 2:06:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309028-BLK1)									Prepared: 03/01/23 Analyzed: 03/02/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*50-200*			
LCS (2309028-BS1)									Prepared: 03/01/23 Analyzed: 03/02/23
Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132			
Surrogate: n-Nonane	*48.0*		*50.0*		*96.0*	*50-200*			
Matrix Spike (2309028-MS1)				**Source: E302119-01**					Prepared: 03/01/23 Analyzed: 03/02/23
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*47.8*		*50.0*		*95.6*	*50-200*			
Matrix Spike Dup (2309028-MSD1)				**Source: E302119-01**					Prepared: 03/01/23 Analyzed: 03/02/23
Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	38-132	1.95	20	
Surrogate: n-Nonane	*46.6*		*50.0*		*93.2*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus A CTB	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/2/2023 2:06:31PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2309029-BLK1)									Prepared: 03/01/23 Analyzed: 03/01/23
Chloride	ND	20.0							
LCS (2309029-BS1)									Prepared: 03/01/23 Analyzed: 03/01/23
Chloride	245	20.0	250		98.2	90-110			
Matrix Spike (2309029-MS1)				**Source: E302120-21**					Prepared: 03/01/23 Analyzed: 03/02/23
Chloride	289	100	250	ND	116	80-120			
Matrix Spike Dup (2309029-MSD1)				**Source: E302120-21**					Prepared: 03/01/23 Analyzed: 03/02/23
Chloride	288	100	250	ND	115	80-120	0.527	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Prometheus A CTB	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/02/23 14:06

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: TERROCA	
Project: Prometheus A CTB	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ESS
Address: 2724 NW COUNTY ROAD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
EMAIL TO: Natalie@energystaffingllc.com
Dakoatah@energystaffingllc.com

Lab Use Only

Lab WO# E 362119 | Job Number 20046-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	02/27/23	S	1	SP 5-10'	1							X		

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	02/27/23		Michelle Cuyo	2.28.23	1345
Michelle Cuyo	2.28.23	1645	Lorenzo Lei	2.28.23	1645
Lorenzo Lei	2-28-23	2215	Irene Zuñiga	3/1/23	7:05

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 3/1/2023 1:50:36PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	03/01/23 07:05	Work Order ID:	E302119
Phone:	(575) 390-6397	Date Logged In:	02/28/23 15:15	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/02/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Project manager and time sampled not provided on COC per client.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	PROMETHEUS CTB A
Work Order:	E305016
Job Number:	20046-0001
Received:	5/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/4/23

Date Reported: 5/4/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: PROMETHEUS CTB A
Workorder: E305016
Date Received: 5/3/2023 6:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/3/2023 6:30:00AM, under the Project Name: PROMETHEUS CTB A.

The analytical test results summarized in this report with the Project Name: PROMETHEUS CTB A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	PROMETHEUS CTB A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/04/23 10:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW4-4'	E305016-01A	Soil	04/28/23	05/03/23	Glass Jar, 2 oz.
SW5-4'	E305016-02A	Soil	04/28/23	05/03/23	Glass Jar, 2 oz.
SW6-4'	E305016-03A	Soil	04/28/23	05/03/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	PROMETHEUS CTB A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

SW4-4'

E305016-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2318036
Benzene	ND	0.0250	1	05/03/23	05/03/23	
Ethylbenzene	ND	0.0250	1	05/03/23	05/03/23	
Toluene	ND	0.0250	1	05/03/23	05/03/23	
o-Xylene	ND	0.0250	1	05/03/23	05/03/23	
p,m-Xylene	ND	0.0500	1	05/03/23	05/03/23	
Total Xylenes	ND	0.0250	1	05/03/23	05/03/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*05/03/23*	*05/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2318036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/03/23	05/03/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: Toluene-d8		*99.2 %*	*70-130*	*05/03/23*	*05/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2318047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/03/23	05/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/03/23	05/03/23	
Surrogate: n-Nonane		*80.7 %*	*50-200*	*05/03/23*	*05/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2318043
Chloride	ND	20.0	1	05/03/23	05/03/23	

Sample Data

Tap Rock	Project Name:	PROMETHEUS CTB A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

SW5-4'

E305016-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2318036
Benzene	ND	0.0250	1	05/03/23	05/03/23	
Ethylbenzene	ND	0.0250	1	05/03/23	05/03/23	
Toluene	ND	0.0250	1	05/03/23	05/03/23	
o-Xylene	ND	0.0250	1	05/03/23	05/03/23	
p,m-Xylene	ND	0.0500	1	05/03/23	05/03/23	
Total Xylenes	ND	0.0250	1	05/03/23	05/03/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*05/03/23*	*05/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2318036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/03/23	05/03/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*05/03/23*	*05/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2318047
Diesel Range Organics (C10-C28)	**76.4**	25.0	1	05/03/23	05/03/23	
Oil Range Organics (C28-C36)	**53.1**	50.0	1	05/03/23	05/03/23	
Surrogate: n-Nonane		*71.5 %*	*50-200*	*05/03/23*	*05/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2318043
Chloride	**21.8**	20.0	1	05/03/23	05/03/23	

Sample Data

Tap Rock	Project Name:	PROMETHEUS CTB A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

SW6-4'

E305016-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2318036
Benzene	ND	0.0250	1	05/03/23	05/03/23	
Ethylbenzene	ND	0.0250	1	05/03/23	05/03/23	
Toluene	ND	0.0250	1	05/03/23	05/03/23	
o-Xylene	ND	0.0250	1	05/03/23	05/03/23	
p,m-Xylene	ND	0.0500	1	05/03/23	05/03/23	
Total Xylenes	ND	0.0250	1	05/03/23	05/03/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*05/03/23*	*05/03/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2318036
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/03/23	05/03/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*05/03/23*	*05/03/23*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*05/03/23*	*05/03/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2318047
Diesel Range Organics (C10-C28)	**647**	25.0	1	05/03/23	05/03/23	
Oil Range Organics (C28-C36)	**449**	50.0	1	05/03/23	05/03/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*05/03/23*	*05/03/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2318043
Chloride	ND	20.0	1	05/03/23	05/03/23	

QC Summary Data

Tap Rock	Project Name:	PROMETHEUS CTB A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2318036-BLK1)									Prepared: 05/02/23 Analyzed: 05/03/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.478*		*0.500*		*95.6*	*70-130*			
LCS (2318036-BS1)									Prepared: 05/02/23 Analyzed: 05/03/23
Benzene	2.52	0.0250	2.50		101	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.2	70-130			
Toluene	2.22	0.0250	2.50		89.0	70-130			
o-Xylene	2.09	0.0250	2.50		83.7	70-130			
p,m-Xylene	4.08	0.0500	5.00		81.7	70-130			
Total Xylenes	6.18	0.0250	7.50		82.4	70-130			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.477*		*0.500*		*95.3*	*70-130*			
Matrix Spike (2318036-MS1)				**Source: E305008-01**					Prepared: 05/02/23 Analyzed: 05/03/23
Benzene	2.63	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.27	0.0250	2.50	ND	90.7	45-135			
Toluene	2.28	0.0250	2.50	ND	91.1	48-130			
o-Xylene	2.12	0.0250	2.50	ND	84.9	43-135			
p,m-Xylene	4.14	0.0500	5.00	ND	82.9	43-135			
Total Xylenes	6.27	0.0250	7.50	ND	83.6	43-135			
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.472*		*0.500*		*94.4*	*70-130*			
Matrix Spike Dup (2318036-MSD1)				**Source: E305008-01**					Prepared: 05/02/23 Analyzed: 05/03/23
Benzene	2.39	0.0250	2.50	ND	95.6	48-131	9.56	23	
Ethylbenzene	2.09	0.0250	2.50	ND	83.7	45-135	8.08	27	
Toluene	2.11	0.0250	2.50	ND	84.2	48-130	7.83	24	
o-Xylene	1.97	0.0250	2.50	ND	79.0	43-135	7.30	27	
p,m-Xylene	3.84	0.0500	5.00	ND	76.9	43-135	7.50	27	
Total Xylenes	5.82	0.0250	7.50	ND	77.6	43-135	7.43	27	
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.476*		*0.500*		*95.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	PROMETHEUS CTB A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2318036-BLK1)									Prepared: 05/02/23 Analyzed: 05/03/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.478*		*0.500*		*95.6*	*70-130*			
LCS (2318036-BS2)									Prepared: 05/02/23 Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0		84.9	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.476*		*0.500*		*95.2*	*70-130*			
Matrix Spike (2318036-MS2)				**Source: E305008-01**					Prepared: 05/02/23 Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	ND	89.1	70-130			
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.1*	*70-130*			
Matrix Spike Dup (2318036-MSD2)				**Source: E305008-01**					Prepared: 05/02/23 Analyzed: 05/02/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	4.46	20	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	PROMETHEUS CTB A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2318047-BLK1)									Prepared: 05/03/23 Analyzed: 05/03/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*37.0*		*50.0*		*73.9*	*50-200*			
LCS (2318047-BS1)									Prepared: 05/03/23 Analyzed: 05/03/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.5	38-132			
Surrogate: n-Nonane	*37.4*		*50.0*		*74.9*	*50-200*			
Matrix Spike (2318047-MS1)				**Source: E305016-02**					Prepared: 05/03/23 Analyzed: 05/03/23
Diesel Range Organics (C10-C28)	314	25.0	250	76.4	94.9	38-132			
Surrogate: n-Nonane	*37.7*		*50.0*		*75.5*	*50-200*			
Matrix Spike Dup (2318047-MSD1)				**Source: E305016-02**					Prepared: 05/03/23 Analyzed: 05/03/23
Diesel Range Organics (C10-C28)	312	25.0	250	76.4	94.2	38-132	0.551	20	
Surrogate: n-Nonane	*37.8*		*50.0*		*75.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	PROMETHEUS CTB A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/4/2023 10:37:38AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2318043-BLK1)									Prepared: 05/03/23 Analyzed: 05/03/23
Chloride	ND	20.0							
LCS (2318043-BS1)									Prepared: 05/03/23 Analyzed: 05/03/23
Chloride	243	20.0	250		97.0	90-110			
Matrix Spike (2318043-MS1)				**Source: E305014-21**					Prepared: 05/03/23 Analyzed: 05/03/23
Chloride	249	20.0	250	ND	99.7	80-120			
Matrix Spike Dup (2318043-MSD1)				**Source: E305014-21**					Prepared: 05/03/23 Analyzed: 05/03/23
Chloride	246	20.0	250	ND	98.5	80-120	1.21	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	PROMETHEUS CTB A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/04/23 10:37

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Page 1 of 1

Client:	TADROCK
Project:	PROMETHEUS CTB A
Project Manager:	Natalie Gladden
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 NW COUNTY ROAD
City, State, Zip	HOBBS, NM 88240
Phone:	575-393-9048
EMAIL TO:	Natalie@energystaffingllc.com
	Dakoatah@energystaffingllc.com

Lab Use Only

Lab WO#	Job Number
E305016	200446.0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	4/28/23	S	1	SW4-4'	1							X		
	〃	〃	〃	SW5-4'	2							〃		
	4/28/23	S	1	SW6-4'	3							X		

Analysis and Method

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: M. Rivera

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4/28/23		Michael Gonzales	5-1-23	1315
Michael Gonzales	5-2-23	1600	ANDREW MUÑOZ	5-2-23	1630
ANDREW MUÑOZ	5-2-23	2230		5-3-23	6:30

Lab Use Only

Received on ice: (Y) N 4°C

T1 T2 T3

Envirotech Analytical Laboratory

Printed: 5/3/2023 10:24:44AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	05/03/23 06:30	Work Order ID:	E305016
Phone:	(575) 390-6397	Date Logged In:	05/03/23 07:07	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	05/03/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Time sampled not provided on the COC per client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Jackson 921H
Work Order:	E401116
Job Number:	20046-0001
Received:	1/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/22/24

Date Reported: 1/22/24

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson 921H
Workorder: E401116
Date Received: 1/20/2024 6:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2024 6:00:00AM, under the Project Name: Jackson 921H.

The analytical test results summarized in this report with the Project Name: Jackson 921H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Southern New Mexico Area

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ljarboe@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Jackson 921H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/22/24 16:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 5-6"	E401116-01A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.
SW 6-6'	E401116-02A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson 921H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/22/2024 4:55:10PM

SW 5-6''

E401116-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2403059
Benzene	ND	0.0250	1	01/20/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/20/24	01/22/24	
Toluene	ND	0.0250	1	01/20/24	01/22/24	
o-Xylene	ND	0.0250	1	01/20/24	01/22/24	
p,m-Xylene	ND	0.0500	1	01/20/24	01/22/24	
Total Xylenes	ND	0.0250	1	01/20/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*01/20/24*	*01/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2403059
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*01/20/24*	*01/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2404002
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/24	01/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/24	01/22/24	
Surrogate: n-Nonane		*111 %*	*50-200*	*01/22/24*	*01/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2404004
Chloride	ND	40.0	2	01/22/24	01/22/24	

Sample Data

Tap Rock	Project Name:	Jackson 921H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/22/2024 4:55:10PM

SW 6-6'

E401116-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2403059
Benzene	ND	0.0250	1	01/20/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/20/24	01/22/24	
Toluene	ND	0.0250	1	01/20/24	01/22/24	
o-Xylene	ND	0.0250	1	01/20/24	01/22/24	
p,m-Xylene	ND	0.0500	1	01/20/24	01/22/24	
Total Xylenes	ND	0.0250	1	01/20/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*01/20/24*	*01/22/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2403059
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*01/20/24*	*01/22/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2404002
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/24	01/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/24	01/22/24	
Surrogate: n-Nonane		*107 %*	*50-200*	*01/22/24*	*01/22/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2404004
Chloride	ND	40.0	2	01/22/24	01/22/24	

QC Summary Data

Tap Rock	Project Name:	Jackson 921H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/22/2024 4:55:10PM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2403059-BLK1)									Prepared: 01/20/24 Analyzed: 01/21/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.34*		*8.00*		*91.8*	*70-130*			
LCS (2403059-BS1)									Prepared: 01/20/24 Analyzed: 01/21/24
Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	4.99	0.0250	5.00		99.9	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
Matrix Spike (2403059-MS1)				**Source: E401115-04**					Prepared: 01/20/24 Analyzed: 01/21/24
Benzene	4.27	0.0250	5.00	ND	85.5	54-133			
Ethylbenzene	4.72	0.0250	5.00	ND	94.5	61-133			
Toluene	4.62	0.0250	5.00	ND	92.5	61-130			
o-Xylene	4.74	0.0250	5.00	ND	94.9	63-131			
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.45*		*8.00*		*93.1*	*70-130*			
Matrix Spike Dup (2403059-MSD1)				**Source: E401115-04**					Prepared: 01/20/24 Analyzed: 01/21/24
Benzene	4.25	0.0250	5.00	ND	85.0	54-133	0.529	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.7	61-133	0.236	20	
Toluene	4.62	0.0250	5.00	ND	92.4	61-130	0.106	20	
o-Xylene	4.75	0.0250	5.00	ND	95.1	63-131	0.213	20	
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	63-131	0.262	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.1	63-131	0.246	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.9*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson 921H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/22/2024 4:55:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2403059-BLK1)									Prepared: 01/20/24 Analyzed: 01/21/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.64*		*8.00*		*95.5*	*70-130*			
LCS (2403059-BS2)									Prepared: 01/20/24 Analyzed: 01/21/24
Gasoline Range Organics (C6-C10)	57.3	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.82*		*8.00*		*97.7*	*70-130*			
Matrix Spike (2403059-MS2)				**Source: E401115-04**					Prepared: 01/20/24 Analyzed: 01/21/24
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.95*		*8.00*		*99.3*	*70-130*			
Matrix Spike Dup (2403059-MSD2)				**Source: E401115-04**					Prepared: 01/20/24 Analyzed: 01/21/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130	4.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.97*		*8.00*		*99.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson 921H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/22/2024 4:55:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2404002-BLK1)									Prepared: 01/22/24 Analyzed: 01/22/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.1*		*50.0*		*86.1*	*50-200*			
LCS (2404002-BS1)									Prepared: 01/22/24 Analyzed: 01/22/24
Diesel Range Organics (C10-C28)	192	25.0	250		77.0	38-132			
Surrogate: n-Nonane	*41.1*		*50.0*		*82.2*	*50-200*			
Matrix Spike (2404002-MS1)				**Source: E401115-04**					Prepared: 01/22/24 Analyzed: 01/22/24
Diesel Range Organics (C10-C28)	181	25.0	250	ND	72.3	38-132			
Surrogate: n-Nonane	*41.4*		*50.0*		*82.7*	*50-200*			
Matrix Spike Dup (2404002-MSD1)				**Source: E401115-04**					Prepared: 01/22/24 Analyzed: 01/22/24
Diesel Range Organics (C10-C28)	180	25.0	250	ND	72.0	38-132	0.491	20	
Surrogate: n-Nonane	*37.9*		*50.0*		*75.8*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson 921H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/22/2024 4:55:10PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2404004-BLK1)									Prepared: 01/22/24 Analyzed: 01/22/24
Chloride	ND	20.0							
LCS (2404004-BS1)									Prepared: 01/22/24 Analyzed: 01/22/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2404004-MS1)				**Source: E401112-02**					Prepared: 01/22/24 Analyzed: 01/22/24
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2404004-MSD1)				**Source: E401112-02**					Prepared: 01/22/24 Analyzed: 01/22/24
Chloride	253	20.0	250	ND	101	80-120	0.435	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Jackson 921H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/22/24 16:55

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client:	TAPROCK
Project:	JACKSON 9214
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ENERGY STAFFING SERVICES
Address: 2724 NW COUNTY RD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
Email: NATALIE@ENERGYSTAFFINGLLC.COM
BRITTNEY@ENERGYSTAFFINGLLC.COM

Lab Use Only

Lab WO# E401116 | Job Number 20046C0001

TAT: 1D | 2D (X) | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	1/17/24	S	1	SW5-6"	1							X		
	1/17/24	S	1	SW6-6"	2							X		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: M. RIVERA

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/17/24		Michelle Garcia	1-18-24	1245
Michelle Garcia	1-19-24	1520		1-19-24	1630
Andrew Hobbs	1-19-24	2300		1/20/24	600

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

enviro+tech

Envirotech Analytical Laboratory

Printed: 1/22/2024 2:19:56PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	01/20/24 06:00	Work Order ID:	E401116
Phone:	(575) 390-6397	Date Logged In:	01/19/24 16:59	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	01/22/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes
2. Does the number of samples per sampling site location match the COC	Yes
3. Were samples dropped off by client or carrier?	Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No
29. Was a subcontract laboratory specified by the client and if so who?	NA

Subcontract Lab: NA

Comments/Resolution

Project manager and time sampled is not documented on the COC by client

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

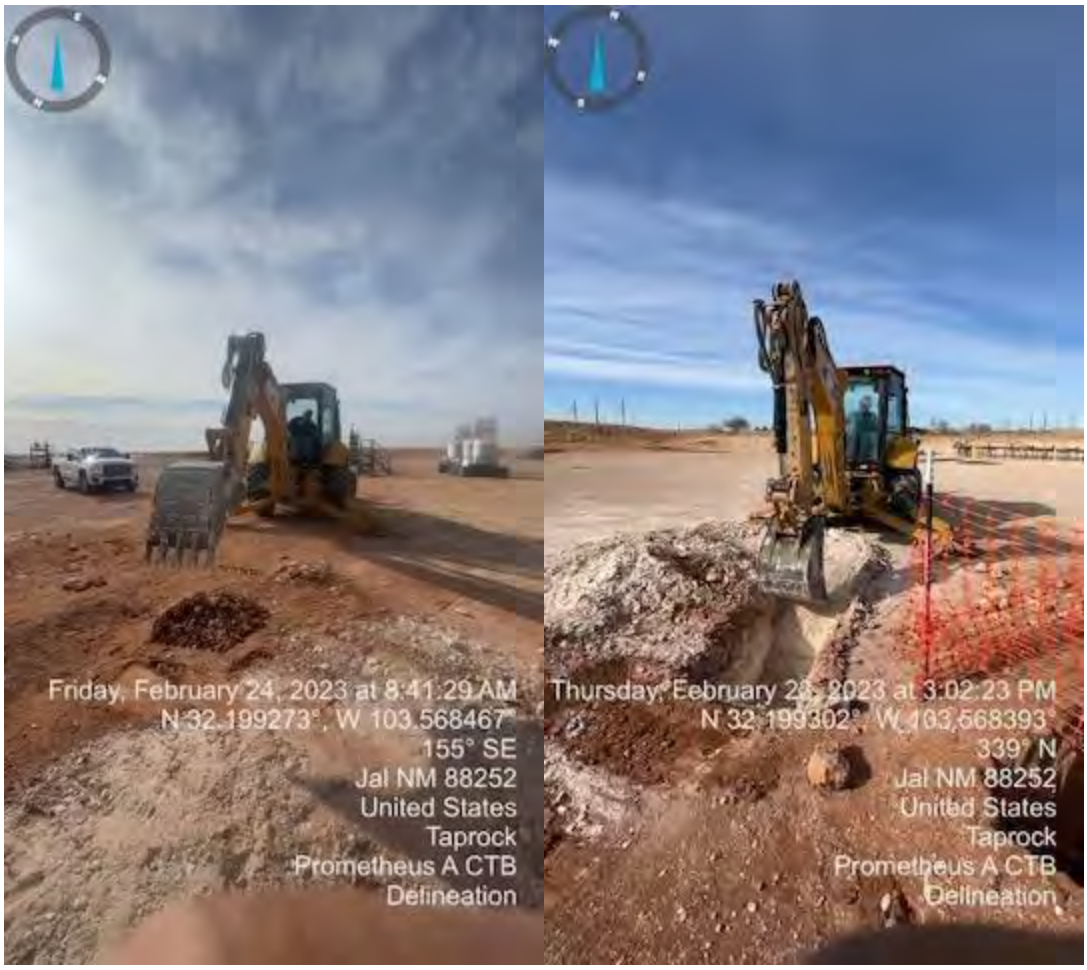
Date

envirotech Inc.

PROMETHEUS CTB PAD A

DELINEATION SITE PHOTOS


Thursday, February 23, 2023 at 1:45:14 PM
N 32.199299° W 103.568363°
326° NW
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation
Thursday, February 23, 2023 at 3:02:19 PM
N 32.199302° W 103.568393°
337° NW
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Friday, February 24, 2023 at 8:41:29 AM
N 32.199273°, W 103.568467°
155° SE
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation
Thursday, February 23, 2023 at 3:02:23 PM
N 32.199302°, W 103.568393°
339° N
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Friday, February 24, 2023 at 8:43:14 AM
N 32.199273°, W 103.568467°
159° S
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation
Friday, February 24, 2023 at 8:41:33 AM
N 32.199273°, W 103.568467°
153° SE
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Friday, February 24, 2023 at 9:55:21 AM
167° S
Taprock
Prometheus A CTB
Delineation
Friday, February 24, 2023 at 9:55:48 AM
N 32.199077°, W 103.568237°
161° S
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Friday, February 24, 2023 at 2:01:50 PM
N 32.199335°, W 103.568381°
190° S
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation
Friday, February 24, 2023 at 2:01:53 PM
N 32.199335°, W 103.568381°
194° S
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Friday, February 24, 2023 at 2:27:39 PM
N 32.199255°, W 103.568356°
173° S
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation

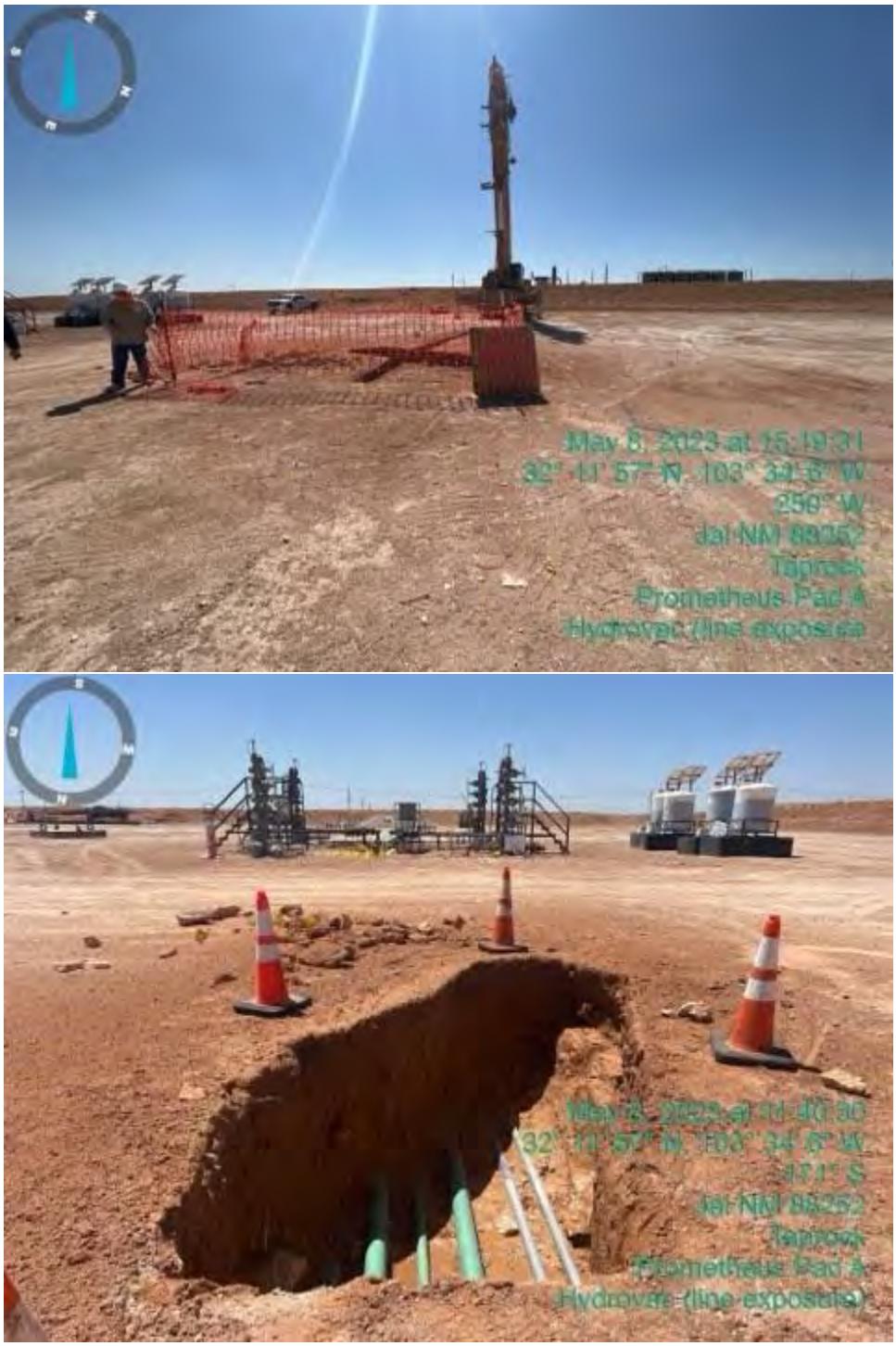

2023 at 2:48:03 PM
W 103.568369°
70° E
Jal NM 88252
United States
Taprock


Monday, February 27, 2023 at 8:30:02 AM
N 32.199191°, W 103.568353°
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation
Monday, February 27, 2023 at 8:30:10 AM
N 32.199191°, W 103.568353°
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Monday, February 27, 2023 at 9:30:01 AM
N 32.199282°, W 103.568318°
271° W
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation
Monday, February 27, 2023 at 9:30:07 AM
N 32.199282°, W 103.568318°
266° W
Jal NM 88252
United States
Taprock
Prometheus A CTB
Delineation


Apr 28, 2023 at 13:17:38
Jal NM 88252
United States
Taprock
Prometheus CTB A
Delineation


Apr 28, 2023 at 13:51:18
Jal NM 88252
United States
Taprock
Prometheus CTB A
Delineation

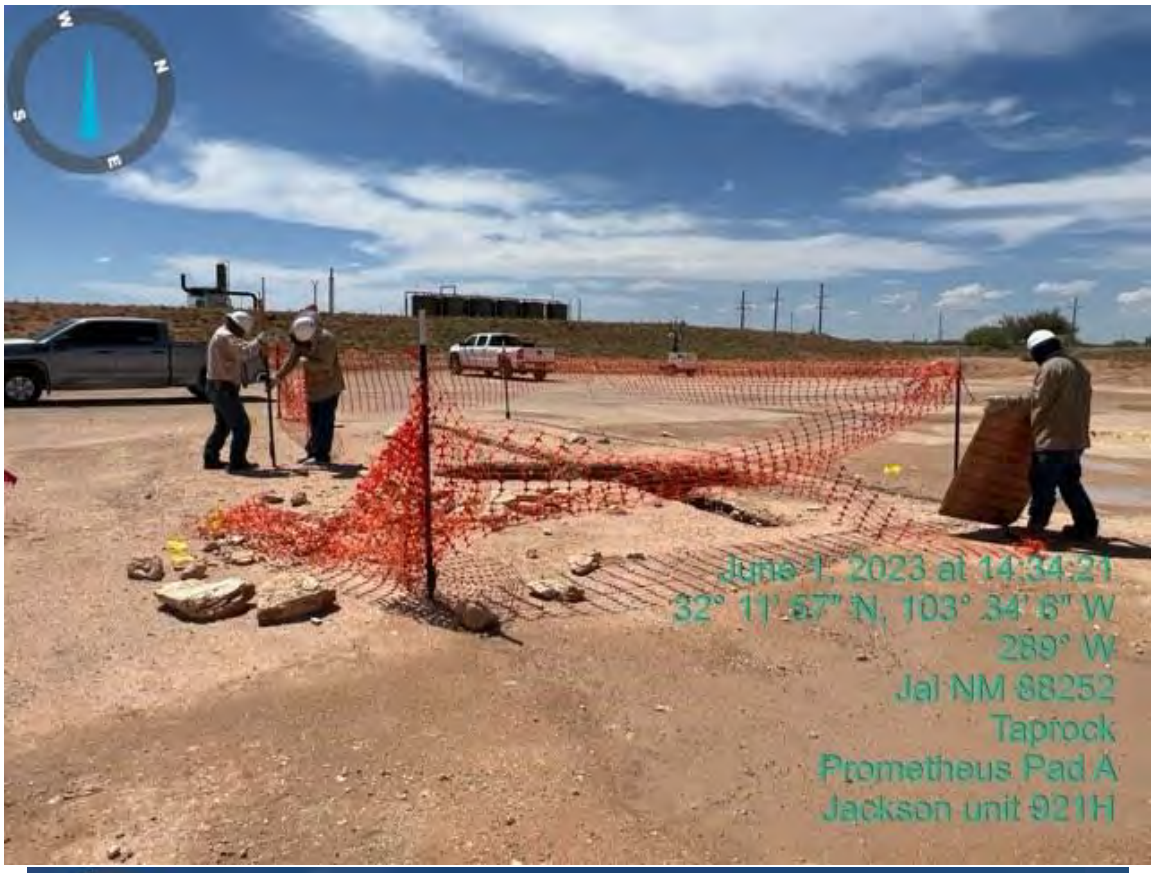

May 8, 2023 at 15:19:31
32° 41' 57" N, 103° 33' 5" W
256° W
Jal NM 88252
Tapro
Prometheus Pad A
Hydrovac (line exposed)
May 8, 2023 at 11:40:30
32° 41' 57" N, 103° 34' 6" W
171° S
Jal NM 88252
Tapro
Prometheus Pad A
Hydrovac (line exposed)


May 8, 2023 at 08:01:16
32° 11' 58" N, 103° 34' 6" W
274° W
Jal NM 88252
Taprock
Prometheus Pad A
Hydrovac (line exposure)


May 8, 2023 at 15:06:45
32° 11' 57" N, 103° 34' 6" W
264° W
Jal NM 88252
Taprock
Prometheus Pad A
Hydrovac (line exposure


TAP ROCK OPERATING
(720) 772-5090
24 hr Emergency (720) 606-0515
JACKSON UNIT #921H
848' FNL & 1566' FEL
Sec.22, T24S, R33E
Lea County, New Mexico
API# 30-025-48774
Lat 32.1981877/Long-103.5567058
June 1, 2023 at 14:29:53
32° 11' 57" N, 103° 34' 6" W
381° W
Jal NM 88252
Taprock
Prometheus Pad A
Jackson unit 921H


June 1, 2023 at 14:43:09
32° 11' 57" N, 103° 34' 6" W
237° SW
Jal NM 88252
Taprock
Prometheus Pad A
Jackson unit 921H


June 1, 2023 at 14:34:21
32° 11' 57" N, 103° 34' 6" W
289° W
Jal NM 88252
Taprock
Prometheus Pad A
Jackson unit 921H


June 1, 2023 at 14:47:53
32° 11' 59" N, 103° 34' 2" W
107° E
Jal NM 88252
Taprock
Prometheus Pad A
Jackson unit 921H


May 8, 2023 at 15:19:31
32° 11' 57" N, 103° 33' 5" W
256° W
Jal NM 88252
Taprock
Prometheus Pad A
Hydrovac line exposed


June 1, 2023 at 14:48:05
32° 11' 57" N, 103° 34' 7" W
55° NE
Jal NM 88252
Taprock
Prometheus Pad A
Jackson unit 921H

Brittney Corral

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Thursday, April 20, 2023 9:07 AM
To: Natalie Gladden
Cc: Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] Extension Request - Tap Rock - Prometheus CTB Pad A

Hello Natalie

OCD approves your 60-day extension request to June 30, 2023 to submit a remediation plan or closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Wednesday, April 19, 2023 7:38 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Cc: 'Bill Ramsey' <bramsey@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>; Christian Combs <ccombs@taprk.com>
Subject: [EXTERNAL] Extension Request - Tap Rock - Prometheus CTB Pad A
Importance: High

All,

On behalf of ESS and Tap Rock, I would like to request an extension for the following release:

Site Name: Prometheus CTB Pad A
DOR: 01/29/2023
API No. 30-025-48727
Legals: M-22-24S-33E

The site has been partially delineated. We will need to finish the delineation, conduct hydrovacing around the line in question and complete the remediation. Can we get a 60-day extension?

If you have any questions, please let me know.

Natalie Gladden
Director of Environmental and Regulatory Services
Energy Staffing Services, LLC.
2724 NW County Road

Natalie Gladden

From: Natalie Gladden
Sent: Monday, December 4, 2023 7:56 AM
To: ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Velez, Nelson, EMNRD
Cc: 'Bill Ramsey'; Brittney Corral
Subject: TAPROCK - JACKSON 921H PAD A - COMPOSITE REQUEST

Importance: High

All,

Please use this email as the official notification of composites for the following release:

Prometheus CTB Pad A (changed to the Jackson Lease)
DOR: 1/29/2023
Incident No. nAPP2303040186

Let me know if you have any questions,

Natalie Gladden
Director of Environmental and Regulatory Services
Energy Staffing Services, LLC.
2724 NW County Road
Hobbs, NM 88240
Cell: 575-390-6397
Office: 575-393-9048
Email: natalie@energystaffingllc.com

Natalie Gladden

From: Bill Ramsey <Bramsey@taprk.com>
Sent: Monday, December 4, 2023 3:40 PM
To: Natalie Gladden
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 290973

For Prometheus A:

Prometheus CTB Pad A (changed to the Jackson Lease)
DOR: 1/29/2023
Incident No. nAPP2303040186

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, December 4, 2023 3:36 PM
To: Bill Ramsey <Bramsey@taprk.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 290973

To whom it may concern (c/o Bill Ramsey for TAP ROCK OPERATING, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2303040186.

The sampling event is expected to take place:

When: 12/06/2023 @ 16:00
Where: M-22-24S-33E 0 FNL 0 FEL (32.199247,-103.568416)

Additional Information: ESS will be on location to pull samples. Natalie Gladden will be the point of contact for ESS 575-390-6397

Additional Instructions: FROM THE INTERSECTION OF NM 128 AND CR2, GO SOUTH ON CR2 FOR .7 MILES, TURN WEST ONTO LEASE ROAD FOR .2 MILES TO LOCATION, SPILL IS ON THE WEST SIDE OF THE PAD AND IS BARRICADED.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

Company Name: TAP ROCK **Location Name:** PROMETHEUS A CTB **Release Date:**

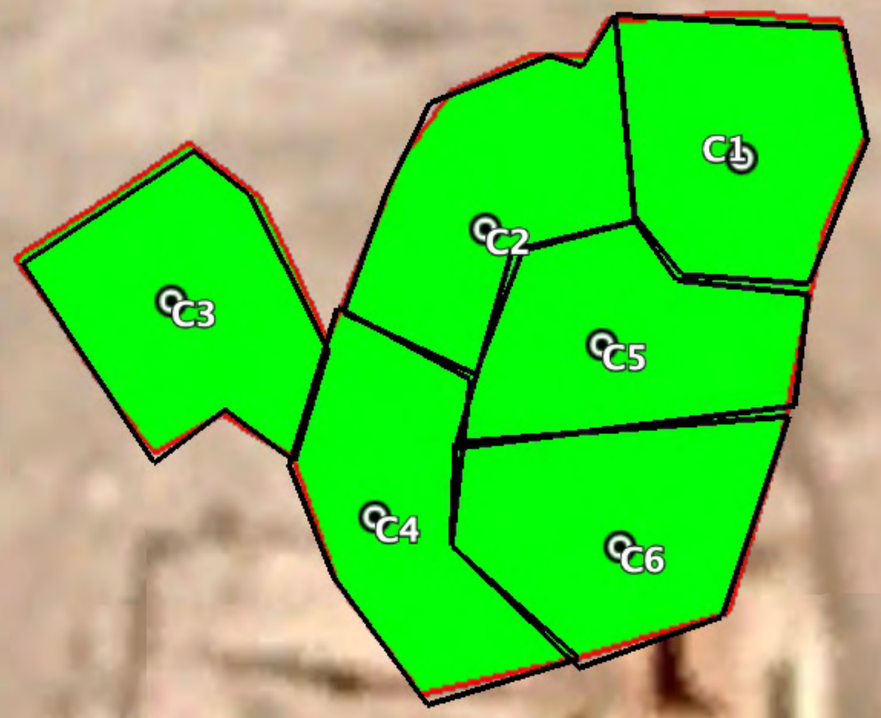
SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
COMP1	2	160	L	ND	ND	ND	ND	ND	ND	
COMP2	2	160	L	ND	ND	ND	ND	ND	ND	
COMP3	2	240	L	ND	ND	ND	ND	ND	ND	
COMP4	2	80	L	ND	ND	ND	ND	ND	ND	
COMP5	2	160	L	ND	ND	ND	ND	ND	ND	
COMP6	8	160	L	ND	ND	ND	ND	ND	ND	
SWCOMP1	2	80	L	ND	ND	ND	ND	ND	ND	
SWCOMP2	2	160	L	ND	ND	ND	ND	ND	ND	
SWCOMP3	2	240	L	ND	ND	ND	ND	ND	ND	
SWCOMP4	2	160	L	ND	ND	ND	ND	ND	ND	
SWCOMP5	8	160	L	ND	ND	ND	ND	ND	ND	
SWCOMP6	8	240	L	ND	ND	ND	ND	ND	ND	

Prometheus A CTB

- 581 sq. ft
- 6 Composites

Legend

- Composite #
- Promethues A CTB 581 Sq. Ft.



Google Earth

30 ft

N

CLIENTS	**TAP ROCK**
LOCATION	**Prometheus A CTB**

SAMPLE ID	LAT	LONG
Composite 1	32¡11'57.42"N	103¡34'6.03"W
Composite 2	32¡11'57.38"N	103¡34'6.21"W
Composite 3	32¡11'57.34"N	103¡34'6.43"W
Composite 4	32¡11'57.21"N	103¡34'6.29"W
Composite 5	32¡11'57.31"N	103¡34'6.13"W
Composite 6	32¡11'57.19"N	103¡34'6.12"W

TAP ROCK

PROMETHEUS A CTB
SIDEWALL COMPOSITE MAP

Legend
- EXCAVATION AREA
- SIDEWALL COMPOSITES

CSW1
CSW2
CSW3
CSW4
CSW5
CSW6

Google Earth

Image © 2024 Airbus

N

80 ft

COMPANY: TAP ROCK

LOCATION: PROMETHEUS A CTB

POINT	LATITUDE	LONGITUDE
CSW1	32.199301°	-103.568322°
CSW2	32.199244°	-103.568332°
CSW3	32.199197°	-103.568374°
CSW4	32.199231°	-103.568428°
CSW5	32.199264°	-103.568483°
CSW6	32.199290°	-103.568397°

Report to:

Natalie Gladden

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Prometheus Pad A
Work Order:	E312036
Job Number:	20046-0001
Received:	12/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/8/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 12/8/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus Pad A
Workorder: E312036
Date Received: 12/7/2023 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/7/2023 7:30:00AM, under the Project Name: Prometheus Pad A.

The analytical test results summarized in this report with the Project Name: Prometheus Pad A apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Prometheus Pad A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/08/23 15:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP COM 1-2'	E312036-01A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 2-2'	E312036-02A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 3-2'	E312036-03A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 4-2'	E312036-04A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 5-2'	E312036-05A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 6- 8'	E312036-06A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW COM 1-2'	E312036-07A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW COM 2-2'	E312036-08A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW COM 3-2'	E312036-09A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW COM 4-2'	E312036-10A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 5-8'	E312036-11A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SP COM 6-8'	E312036-12A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 1-2'

E312036-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*84.0 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 2-2'

E312036-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 3-2'

E312036-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	200	10	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 4-2'

E312036-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.5 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	200	10	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 5-2'

E312036-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 6- 8'

E312036-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.3 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*82.3 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SW COM 1-2'

E312036-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*87.3 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	200	10	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SW COM 2-2'

E312036-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SW COM 3-2'

E312036-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*82.4 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	200	10	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SW COM 4-2'

E312036-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*84.3 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 5-8'

E312036-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*82.1 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

SP COM 6-8'

E312036-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Benzene	ND	0.0250	1	12/07/23	12/07/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/07/23	
Toluene	ND	0.0250	1	12/07/23	12/07/23	
o-Xylene	ND	0.0250	1	12/07/23	12/07/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/07/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/07/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349076
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*12/07/23*	*12/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349075
Diesel Range Organics (C10-C28)	ND	25.0	1	12/07/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/07/23	12/07/23	
Surrogate: n-Nonane		*83.5 %*	*50-200*	*12/07/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2349079
Chloride	ND	200	10	12/07/23	12/07/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus Pad A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349076-BLK1)									Prepared: 12/07/23 Analyzed: 12/07/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2349076-BS1)									Prepared: 12/07/23 Analyzed: 12/07/23
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	5.25	0.0250	5.00		105	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.27	0.0250	5.00		105	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			
Matrix Spike (2349076-MS1)				**Source: E312036-05**					Prepared: 12/07/23 Analyzed: 12/07/23
Benzene	5.40	0.0250	5.00	ND	108	54-133			
Ethylbenzene	5.36	0.0250	5.00	ND	107	61-133			
Toluene	5.41	0.0250	5.00	ND	108	61-130			
o-Xylene	5.38	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			
Matrix Spike Dup (2349076-MSD1)				**Source: E312036-05**					Prepared: 12/07/23 Analyzed: 12/07/23
Benzene	5.28	0.0250	5.00	ND	106	54-133	2.18	20	
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133	2.13	20	
Toluene	5.31	0.0250	5.00	ND	106	61-130	2.03	20	
o-Xylene	5.28	0.0250	5.00	ND	106	63-131	1.73	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	2.15	20	
Total Xylenes	16.0	0.0250	15.0	ND	106	63-131	2.01	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus Pad A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349076-BLK1)									Prepared: 12/07/23 Analyzed: 12/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2349076-BS2)									Prepared: 12/07/23 Analyzed: 12/07/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
Matrix Spike (2349076-MS2)				**Source: E312036-05**					Prepared: 12/07/23 Analyzed: 12/07/23
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			
Matrix Spike Dup (2349076-MSD2)				**Source: E312036-05**					Prepared: 12/07/23 Analyzed: 12/07/23
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130	2.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.16*		*8.00*		*89.5*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus Pad A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349075-BLK1)									Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.9*		*50.0*		*83.9*	*50-200*			
LCS (2349075-BS1)									Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	206	25.0	250		82.5	38-132			
Surrogate: n-Nonane	*42.6*		*50.0*		*85.3*	*50-200*			
Matrix Spike (2349075-MS1)				**Source: E312036-05**					Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.5	38-132			
Surrogate: n-Nonane	*43.0*		*50.0*		*85.9*	*50-200*			
Matrix Spike Dup (2349075-MSD1)				**Source: E312036-05**					Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	213	25.0	250	ND	85.1	38-132	1.71	20	
Surrogate: n-Nonane	*41.6*		*50.0*		*83.2*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus Pad A	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 3:01:35PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349079-BLK1)									Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	ND	20.0							
LCS (2349079-BS1)									Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	244	20.0	250		97.5	90-110			
Matrix Spike (2349079-MS1)				**Source: E312036-03**					Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	311	200	250	ND	124	80-120			M5
Matrix Spike Dup (2349079-MSD1)				**Source: E312036-03**					Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	311	200	250	ND	124	80-120	0.0193	20	M5

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Tap Rock	Project Name:	Prometheus Pad A	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/08/23 15:01

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information

Chain of Custody

Client: Tap Rock
Project: Prometheus Pad A
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ENERGY STAFFING SERVICES
Address: 2724 NW COUNTY RD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
Email: NATALIE@ENERGYSTAFFINGLLC.COM
BRITTNEY@ENERGYSTAFFINGLLC.COM

Lab Use Only
Lab WO# E 312036 Job Number 20046-0001

TAT: 1D | 2D | 3D | Standard — 2D: 0

EPA Program: CWA | SDWA | RCRA

State: NM 0 | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM 0 | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
		S	1	SPCOM 1 - 2'	1	
				SP Com 2 - 2'	2	
				SP Com 3 - 2'	3	
				SP Com 4 - 2'	4	
				SP Com 5 - 8'	5	
				SP Com 6 - 8'	6	
				SW Com 1 - 2'	7	
				SW Com 2 - 2'	8	
				SW Com 3 - 2'	9	
		S	1	SW COM 4 - 2'	10	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				12-6-23	1230
	12-6-23	1440		12/6/23	1440
	12/6/23	2200		12/7/23	7:30

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information | Chain of Custody | Page 2 of 2

Client: Top Rock
Project: Prometheus Pad A
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ENERGY STAFFING SERVICES
Address: 2724 NW COUNTY RD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
Email: NATALIE@ENERGYSTAFFINGLLC.COM
BRITTNEY@ENERGYSTAFFINGLLC.COM

Lab Use Only
Lab WO# E320360 | Job Number 200460-0001

TAT: 1D | 2D (X) | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
		S	1	SP Com 5-8'	11	X	
				SP Com 6-8'	12		
				SW COM 1-2'	13		
				SW COM 2-2'	14		
				SW COM 3-2'	15		
				SW COM 4-2'	16		
				SW COM 5-8'	17		
		S	1	SW Com 6-8'	18	X	

Samples 13-18 confirmed were written down twice. JM 12/7/23

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Josh R Alvarez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Josh R Alvarez			Michelle Cruz	12-6-23	1230
Michelle Cruz	12-6-23	1440		12/6/23	1440
	12/6/23	2200	J Montne	12/7/23	7:30

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information

Chain of Custody

Client: Top Rock
Project: Prometheus Pad A
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ENERGY STAFFING SERVICES
Address: 2724 NW COUNTY RD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
Email: NATALIE@ENERGYSTAFFINGLLC.COM
BRITTNEY@ENERGYSTAFFINGLLC.COM

Lab Use Only
Lab WO# E312036 Job Number 20046-0001

TAT: 1D | 2D (6) | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM (6) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
		S	1	SpCom1-2'	1	
				SpCom2-2'	2	
				SpCom3-2'	3	
				SpCom4-2'	4	
				SpCom5-8'	5	
				SpCom6-8'	6	
				SwCom1-2'	7	
				SwCom2-2'	8	
				SwCom3-2'	9	
		S	1	SwCom4-2'	10	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
				12-6-23	1230
	12-6-23	1440		12/6/23	1440
	12/6/23	2200		12/7/23	7:30

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Project Information

Chain of Custody

Client: Top Rock
Project: Prometheus pad A
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ENERGY STAFFING SERVICES
Address: 2724 NW COUNTY RD
City, State, Zip HOBBS, NM 88240
Phone: 575-393-9048
Email: NATALIE@ENERGYSTAFFINGLLC.COM
BRITTNEY@ENERGYSTAFFINGLLC.COM

Lab Use Only
Lab WO# E 320360
Job Number 200410-0001

TAT
1D | 2D | 3D | Standard
2D

EPA Program
CWA | SDWA | RCRA

State
NM | CO | UT | AZ | TX

Analysis and Method
DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
		S	1	SP Com 5-8'	11	10	
				SP Com 6-8'	12		
				SW Com 1-2'	13		
				SW COM 2-2'	14		
				SW Com 3-2'	15		
				SW Com 4-2'	16		
				SW Com 5-8'	17		
		S	1	SW Com 6-8'	18	10	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jose R Alvarez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jose R Alvarez			Michelle Garza	12-6-23	1230
Michelle Garza	12-6-23	1440		12/6/23	1440
	12/6/23	2200	Monthe	12/7/23	7:30

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 12/7/2023 9:21:41AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	12/07/23 07:30	Work Order ID:	E312036
Phone:	(575) 390-6397	Date Logged In:	12/06/23 13:42	Logged In By:	Jordan Montano
Email:	natalie@energystaffingllc.com	Due Date:	12/08/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Time sampled not provided on COC per client.

Date sampled not provided on COC per client.

Project Manager not listed on COC. Natalie Gladden.

Missing samples 13-18.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

PROMETHEUS CTB PAD A

REMEDIATION PHOTOS


Jackson 9H
Prometheus Pad A
Remediation
Composites


Jackson 9211
Prometheus Pad A
Remediation
Composites

PROMETHEUS CTB PAD A

FINAL PHOTOS


WGS84 32.19943,
±16ft -103.56832
ft
±11ft 3552
°,T
±11 S189
25Jun24 09:16 Ad-hoc TAPROCK PROMETHEUS A CTB
Jal NM 88252, United States 25-Jun-24 09:16:42


WGS84 32.19920,
±15ft -103.56841
ft
±11ft 3551
°,T
±11 N4
25Jun24 09:16 Ad-hoc TAPROCK PROMETHEUS A CTB
Jal NM 88252, United States 25-Jun-24 09:16:02


WGS84 32.19938,
±33ft -103.56816
ft
±62ft 3479
°,T
±11 SW228
25Jun24 09:16 Ad-hoc TAPROCK PROMETHEUS A CTB
Jal NM 88252, United States 25-Jun-24 09:16:48

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

QUESTIONS

Action 365445

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 365445
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2303040186**
Incident Name	**NAPP2303040186 PROMETHEUS CTB PAD A @ 30-025-48727**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-48727] JACKSON UNIT #921H**
Incident Facility	**[fAPP2212541268] Prometheus A CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PROMETHEUS CTB PAD A
Date Release Discovered	01/29/2023
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Produced Water | Released: 32 BBL | Recovered: 0 BBL | Lost: 32 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 365445
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 07/18/2024

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QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 365445
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3660
GRO+DRO (EPA SW-846 Method 8015M)	3660
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	11/01/2023
On what date will (or did) the final sampling or liner inspection occur	12/05/2023
On what date will (or was) the remediation complete(d)	02/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	581
What is the estimated volume (in cubic yards) that will be remediated	124
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 07/18/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 365445
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**290973**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/06/2023**
What was the (estimated) number of samples that were to be gathered	**7**
What was the sampling surface area in square feet	**581**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	581
What was the total volume (cubic yards) remediated	124
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	All contaminated soil was on the production pad only.

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 (in .pdf format) 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.

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.

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QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 365445

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/28/2024