PROMETHEUS CTB PAD D
CLOSURE REQUEST

API NO. 30-025-48763
Unit Letter O, Section 22, Township 24S, Range 33E
LEA COUNTY, NEW MEXICO

DATE OF RELEASE: 04/26/2023
INCIDENT NO. NAPP2312327651

06/27/2024
Prepared by:

2724 NW COUNTY ROAD
HOBBS, NM 88240

June 27, 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 D
API No. 30-025-48763
Incident No. NAPP2312327651
Legal Unit Letter O, 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 D (hereafter referred to as the "Prometheus 136H") for the produced water release that occurred on April 26th, 2023. On the same said date, ESS provided the immediate notification of the release to the *New Mexico Oil Conservation Division (NMOCD), District II Office*, via email at 4:03 PM. (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 May 3rd, 2023. The NMOCD accepted the C141 as record on May 4th, 2023, at 7:41 AM. The incident number assigned to the release is NAPP231237651. (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 April 26th, 2023, a buried flowline leaked causing fluid to surface on the well pad of the Prometheus 136H. The well was immediately shut-in and a hydrovac crew was dispatched to uncover the line and make repairs.

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 the area of impact, that approximately 15.83 barrels of produced water, with no fluid able to be recovered, had been released onto the pad of the Prometheus 136H. 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 136H occurred on State Land and is located at 32.1981382 latitude and -103.55985600 longitude, 25.2 miles northwest of Jal, New Mexico. The legal description of the site is Unit Letter O, 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 136H 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 136H. The elevation is 3,559 feet. The area is historically and has been primarily dominated by black grama, sideoats grama, blue grama, little bluestem, and other perennial shrubs and grasses found in Tonuco loamy find sands and Simona-Upton association. 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 136H consists of 76.3% Tonuco loamy find sands and 23.7% Simona-Upton association. (Soil Map Attached). In the area of the Prometheus 136H, the *FEMA National Flood Hazard Layer* indicates that there is a 0.2% chance of 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 136H 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 136H. 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 136H site. (Attached Watercourse Map).

The nearest and most recent water well to site according to the *New Mexico Office of the State Engineer* is C04339 POD1, drilled in 2019 with a well depth of 47 feet and no groundwater data available. This well is 783 yards from the site. The second well is C04339 POD8, drilled in 2019 with a well depth of 30 feet and no groundwater data available. This well is 862 yards from the site. The third well is C04339 POD7, drilled in 2019 with a well depth of 43' and no groundwater data available, 1,015 yards from the site. The fourth well is C04339 POD2, drilled in 2019 with no well depth or groundwater data available. This well is 1,047 yards from the site. The fifth well is C03600 POD4, drilled in 2013 with no well depth or groundwater data available, 1,339 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 136H release. Please find the NMOSE, OSE POD, and 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 136H 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 April 26th, 2023, ESS arrived on site of the Prometheus 136H, 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.

On August 2nd, 2023, an extension was requested to the NMOCD on behalf of Tap Rock and ESS for the delineation and remediation phases on the Prometheus 136H. (Please see email attached).

On August 3rd, 2023, the NMOCD approved the extension for 60-days and updated the remediation due date to September 25th, 2023. (Please see email correspondence attached).

A total of 5 vertical sample points were placed along with 6 horizontal sample points. Each sample point was then sampled by use of backhoe and trackhoe 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	3280	H	37.1	396	65800	18200	84000	4970
	2	240							
	4	240							
	6	240							

	8	320							
	10	240	L	ND	ND	ND	ND	ND	212
SP2	SURF	3280	H	102	1180	42000	11200	53200	5180
	2	1280							
	4	2640							
	6	1520							
	8	320							
	10	320	L	ND	ND	ND	ND	ND	322
SP3	SURF	>4000	H	42.3	468	34500	7990	42490	6660
	2	2880							
	4	>4000							
	6	1680							
	8	1680							
	10	1120							
	12	720							
	14	400							
	16	240	L	ND	ND	ND	ND	ND	161
SP4	SURF	2640	H	30.1	271	79500	20900	100400	4380
	2	560							
	4	160	L	ND	ND	ND	ND	ND	71.6
SP5	SURF	>4000	H	27.1	241	50900	12200	63100	6750
	2	880							
	4	240							
	6	400							
	8	400							
	10	480							
	12	240	L	ND	ND	ND	ND	ND	221
SW1	SURF	1200	H	ND	ND	10400	12800	23200	1290
	1	240							
	2	80	L	ND	ND	ND	ND	ND	ND
SW2	SURF	320	H	ND	ND	2490	2140	4630	360
	1	640							
	2	160							
	3	160	L	ND	ND	ND	ND	ND	71.3

SW3	SURF	>4000	H	ND	ND	2920	1860	4780	5120
	1	880							
	2	720							
	3	240							
	4	240	L	ND	ND	ND	ND	ND	115
SW4	SURF	>4000	H	ND	ND	1800	1670	3470	6220
	1	160							
	2	160	L	ND	ND	ND	ND	ND	68.5
SW5	SURF	240	H	ND	ND	5320	4250	9570	211
	1	720							
	2	240							
	3	80	L	ND	ND	ND	ND	ND	ND
SW6	SURF	160	H	ND	ND	2090	2320	4410	33.2
	1	720							
	2	880							
	3	160							
	4	80	L	ND	ND	ND	ND	ND	ND

Please see the delineation photos attached herein.

On December 8th, 2023, ESS crews began obtaining 200 square foot composites from the excavation area. A total of 11 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 followed by the lab confirmation data.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
COMP1	8	80	L	ND	ND	ND	ND	ND	ND
COMP2	8	240	L	ND	ND	ND	ND	ND	126
COMP3	14	240	L	ND	ND	ND	ND	ND	125
COMP4	2	80	L	ND	ND	ND	ND	ND	ND
COMP5	10	240	L	ND	ND	ND	ND	ND	113
SWCOMP1	8	80	L	ND	ND	ND	ND	ND	ND

SWCOMP2	8	80	L	ND	ND	ND	ND	ND	34
SWCOMP3	14	240	L	ND	ND	ND	ND	ND	125
SWCOMP4	2	80	L	ND	ND	ND	ND	ND	ND
SWCOMP5	10	80	L	ND	ND	ND	ND	ND	ND
SWCOMP6	10	80	L	ND	ND	ND	ND	ND	ND

The impacted area of the Prometheus 136H measured 991 square feet. During the remediation phase, a total of 294 cubic yards of contaminated soil was excavated and hauled to the Owl Disposal. A total of 264 cubic yards of caliche and topsoil was pushed up and hauled from the NGL Bonnano Pit to location for backfill. The backfill material was staged on the production pad of the Prometheus 136H 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 January 29th, 2024.

Please find the remediation and final photos attached herein.

Closure Requests

On behalf of Tap Rock Operating, LLC, Energy Staffing Services, LLC requests that the incident (NAPP2312327651) be closed for the produced water release that occurred on the well pad of the Prometheus CTB Pad D. 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 D.

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
- Watercourse Map
- Groundwater Information
- Groundwater Map
- OSE POD Map
- Extension Request
- Delineation Sample Data (including inserts for Surface and Final Lab Analysis)
- Delineation Sample Map and GPS Log
- Lab Analysis for Delineation
- Delineation Site Photos
- 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: Wednesday, April 26, 2023 4:03 PM
To: ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD
Cc: Christian Combs; 'Bill Ramsey'; Dakoatah Montanez
Subject: TAP ROCK - PROMETHEUS STATE COM #136H - SPILL NOTIFICATION

Importance: High

All,

The buried flowline for the below location was found to have been leaking when the fluid surfaced. The well was shut in immediately. No fluid was recovered as it had just surfaced.

Location: Prometheus State Com #136h
API No.: 30-025-48763
ULSTR: O-22-24S-33E
County: Lea
Released: 15.83bbls
Recovered: 0bbls

Uploading of the Initial C141 and the spill calculator will follow shortly.

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: Natalie Gladden
Sent: Wednesday, April 26, 2023 4:05 PM
To: Crosby, Faith; Griffin, Becky R.; Knight, Tami C.
Subject: FW: TAP ROCK - PROMETHEUS STATE COM #136H - SPILL NOTIFICATION

Importance: High

Please see the below email that was submitted to the OCD for the release that occurred on the above mentioned well pad. I will send you the paperwork shortly.

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

From: Natalie Gladden
Sent: Wednesday, April 26, 2023 4:03 PM
To: ocdonline, emnrd, EMNRD <emnrd.ocdonline@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <robert.hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Cc: Christian Combs <ccombs@taprk.com>; 'Bill Ramsey' <bramsey@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: TAP ROCK - PROMETHEUS STATE COM #136H - SPILL NOTIFICATION
Importance: High

All,

The buried flowline for the below location was found to have been leaking when the fluid surfaced. The well was shut in immediately. No fluid was recovered as it had just surfaced.

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ULSTR: O-22-24S-33E
County: Lea
Released: 15.83bbls
Recovered: 0bbls

Uploading of the Initial C141 and the spill calculator will follow shortly.

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: Wednesday, May 3, 2023 7:41 AM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 212998

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

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2312327651,
with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2312327651, on all subsequent C-141 submissions and communications regarding the remediation of this release.
NOTE: As of December 2019, NMOCD has discontinued the use of the "RP" number.
If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

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	
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 **32.1981382** Longitude **-103.55985600**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name **PROMETHEUS CTB PAD D (CLOSEST WELL PROMETHEUS STATE COM #136H)**	Site Type **PRODUCTION**
Date Release Discovered **4/26/2023**	API# *(if applicable)* ***30-025-48763***

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

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) **15.83**	Volume Recovered (bbls) **0**
	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
LEAK SURFACED FROM A BURIED FLOWLINE. WELL WAS SHUT IN IMMEDIATLEY AND A HYDROVAC WAS DISPATCHED TO UNCOVER LINE TO MAKE REPAIRS. NO FLUID WAS RECOVERED AS THE LEAK HAD JUST SURFACED.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
EMAIL WAS SENT BY ESS ON 04/26/2023 AT 4:03; TO THE NMOCD (BRATHER, HAMLET, NOBUI, HARIMON AND OCD SPILLS). FOLLOWED BY AN EMAIL TO THE SLO (CROSBY, GRIFFIN, KNIGHT)

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 & REGULATORY**

Signature: Natalie Gladden Date: 5/3/23

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

OCD Only

Received by: _____ Date: _____

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	38.52	23.06	0.5	444.1356	15.83	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 D
IMPACT MAP

Legend

Taprock Prometheus St Com 136H 991 sq. ft.

PROMETHEUS CTB PAD D

INITIAL SITE PHOTOS


Apr 26, 2023 at 07:57:53
Jal NM 88252
United States
Taprock
Prometheus St Com 136H


Apr 26, 2023 at 07:58:11
Jal NM 88252
United States
Taprock
Prometheus St Com 136H


Apr 26, 2023 at 07:57:36
Jal NM 88252
United States
Taprock
Prometheus St Com 136H


Apr 26, 2023 at 07:24:35
Jal NM 88252
United States
Taprock
Prometheus St Com 136H


Apr 26, 2023 at 07:23:31
Jal NM 88252
United States
Taprock
Prometheus St Com 136H


Apr 26, 2023 at 07:23:54
Jal NM 88252
United States
Taprock
Prometheus St Com 136H


Apr 26, 2023 at 07:24:09
Jal NM 88252
United States
Taprock
Prometheus St Com 136H

TAP ROCK

PROMETHEUS CTB PAD D
SITE MAP

Legend

PROMETHEUS 136H

PROMETHEUS ST COM #136H

Google Earth

500 ft

N

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

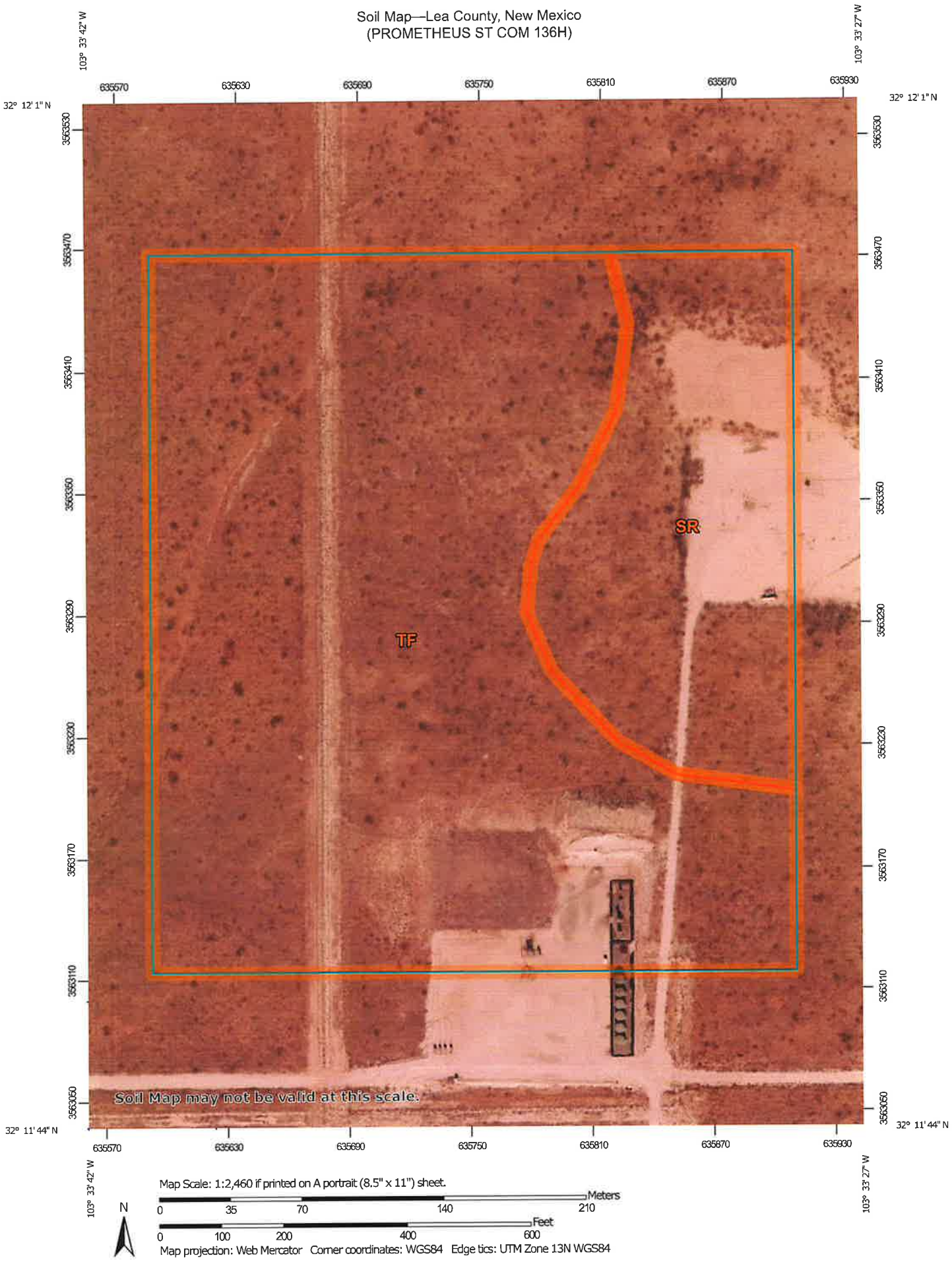
Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
SR—Simona-Upton association								
Simona	Shallow Sandy (R070BD002NM)	900	550	200	black grama	25		
					sideoats grama	20		
					blue grama	10		
					other perennial forbs	10		
					dropseed	5		
					Hesperostipa neomexicana	5		
					other shrubs	5		
					other perennial grasses	5		
					threeawn	5		
					featherplume	3		
					yucca	2		
Upton	Shallow (R070BC025NM)	500	350	200	black grama	15		
					other shrubs	15		
					other annual forbs	15		
					creosote bush	10		
					gypsum grama	10		
					other perennial grasses	10		
					burrograss	5		
					bush muhly	5		
					other perennial forbs	5		
					slim tridens	5		
					sand dropseed	3		
					mesa dropseed	2		

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*	
TF—Tonuco loamy fine sand, 0 to 3 percent slopes								
Tonuco	Shallow 12-17" PZ (R077DY048TX)	1,300	900	600	sideoats grama	25		
					black grama	15		
					little bluestem	15		
					other perennial forbs	10		
					blue grama	5		
					buffalograss	5		
					hairy grama	5		
					other shrubs	5		
					other perennial grasses	5		
					sand dropseed	5		
					New Mexico Feathergrass	3		
					yucca	2		

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 ST COM 136H)



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

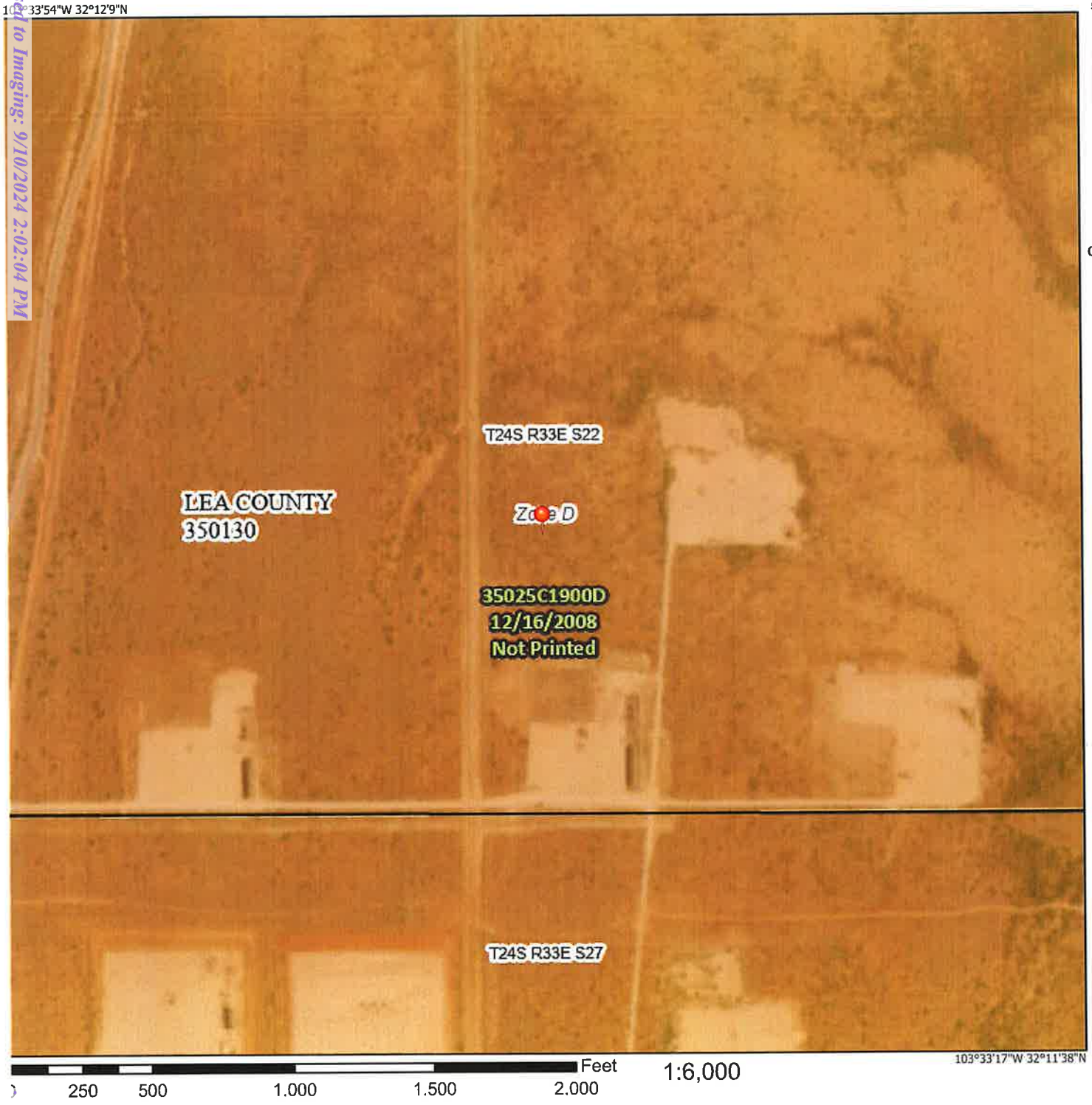
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SR	Simona-Upton association	6.6	23.7%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	21.3	76.3%
Totals for Area of Interest		**27.9**	**100.0%**

National Flood Hazard Layer FIRMette

FEMA



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, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone*
- 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*

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 approximat point selected by the user and does not repres 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 5/30/2024 at 3:41 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 D
KARST MAP

Legend
- High
- Low
- Medium
- PROMETHEUS ST COM #136H

128
128
128
128
2

PROMETHEUS ST COM #136H

Hearns pit

Google Earth

N

3000 ft

TAP ROCK

PROMETHEUS CTB PAD D
WATERCOURSE MAP

Legend

PROMETHEUS 136H

Targa Red Hills Gas Plant Main truck Entrance

PROMETHEUS ST COM #136H

Hearns pit

128

2

Google Earth

Image © 2024 Airbus

1 mi

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

(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	Subbasin	County	Source	q 64	q 16	q 4	Sec	Twn	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04339 POD1		CUB	LE		1	3	3	23	24S	33E	636525	3563309	783	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	862	07/31/2019	07/31/2019	08/22/2019	30		CURRIE, SHANEG..TY"ENER	1575

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 635742.18 **Northing (Y):** 3563307.27 **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 04339 POD1	CUB	LE		1	3 3	23	24S	33E	636525	3563309	783	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	862	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	1015	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	1047	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	1339	01/08/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD3	CUB	LE		2	4 3	23	24S	33E	637273	3563323	1531	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	1531	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	1558	01/07/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 04708 POD1	CUB	LE		1	3 4	21	24S	33E	634149	3563262	1593	03/23/2023	03/27/2023	06/23/2023	100		JOE SKAGGS	1453
C 03600 POD7	CUB	LE	Shallow	3	1 3	26	24S	33E	636726	3561968	1661	01/08/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03565 POD9	CUB	LE			4 4	15	24S	33E	636430	3565005	1832			04/02/2013				
C 04339 POD5	CUB	LE		2	3 4	23	24S	33E	637580	3563328	1837	08/06/2019	08/07/2019	08/22/2019	54		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD6	CUB	LE		3	1 2	23	24S	33E	637340	3564386	1928	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	1953	08/19/2013	08/20/2013	09/16/2013	550	110	JOHN SIRMAN	1654
C 04339 POD10	CUB	LE		4	1 4	23	24S	33E	637688	3563503	1955	08/01/2019	08/01/2019	08/22/2019	49		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD9	CUB	LE		3	4 2	23	24S	33E	637731	3563913	2079	08/01/2019	08/01/2019	08/22/2019	45		CURRIE, SHANEG..TY" ENER	1575

(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	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	2081	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD6	CUB	LE	Shallow	1	4	4	23	24S	33E	637834	3563338	2091	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD2	CUB	LE	Shallow	3	2	4	23	24S	33E	637846	3563588	2122	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	2208	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD5	CUB	LE	Shallow	2	4	4	23	24S	33E	637988	3563334	2246	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD3	CUB	LE	Shallow	3	4	2	26	24S	33E	637784	3562340	2259	01/16/2013	01/16/2013	01/30/2013			RODNEY HAMMER	1186
C 03565 POD8	CUB	LE			4	1	15	24S	33E	635485	3565610	2317			04/02/2013				
C 03601 POD3	CUB	LE	Shallow	1	3	3	24	24S	33E	638142	3563413	2401	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD1	CUB	LE	Shallow	4	4	2	23	24S	33E	638124	3563937	2463	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	2475	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD3	CUB	LE	Shallow	4	1	1	35	24S	33E	636890	3561092	2494	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD2	CUB	LE	Shallow	3	1	2	35	24S	33E	637384	3561167	2697	01/11/2013	01/11/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD5	CUB	LE	Shallow	3	3	2	35	24S	33E	636745	3560767	2730	01/12/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD1	CUB	LE	Shallow	3	2	2	35	24S	33E	637805	3561225	2930	01/10/2013	01/10/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD6	CUB	LE	Shallow	3	1	3	35	24S	33E	636749	3560447	3032	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD4	CUB	LE	Shallow	3	3	3	24	24S	33E	638162	3561375	3096	01/03/2013	01/04/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD2	CUB	LE	Shallow	4	4	1	25	24S	33E	638824	3562329	3233	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	3233	01/15/2013	01/15/2013	01/30/2013			RODNEY HAMMER	1186
C 03917 POD1	C	LE	Shallow	4	1	3	13	24S	33E	638374	3565212	3249	03/01/2016	03/04/2016	03/11/2016	600	420	CASE KEY	1058
C 04824 POD1	CUB	LE		1	1	2	16	24S	33E	634113	3566203	3323	04/16/2024	04/16/2024	04/25/2024	105		JASON MALEY	1833

(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 03603 POD4	CUB	LE	Shallow	3	2	4	35	24S	33E	637789	3560461	3505	01/14/2013	01/14/2013	01/30/2013			RODNEY HAMMER	1186
C 04741 POD1	CUB	LE		1	2	4	10	24S	33E	636076	3567039	3747	05/08/2023	05/11/2023	06/15/2023	55		JOHN W WHITE	1456
C 03666 POD1	C	LE	Shallow	2	3	4	13	24S	33E	639132	3565078	3824	10/18/2013	10/26/2013	11/14/2013	650	390	CASEY KEYS	1058
C 03565 POD3	CUB	LE			3	4	08	24S	33E	632763	3566546	4400	09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
C 04768 POD1	CUB	LE		3	3	4	19	24S	33E	631048	3563110	4698	12/13/2023	12/13/2023	01/12/2024	55		JASON MALEY	1833

Record Count: 41

UTMNAD83 Radius Search (in meters):

Easting (X): 635742.18 **Northing (Y):** 3563307.27 **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 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:**	

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
	C 03600 POD4	3	3	1	26	24S	33E	636617	3562293

Driller License: 1186 **Driller Company:** NOT FOR HIRE

Driller Name: RODNEY HAMMER

Drill Start Date: 01/08/2013 **Drill Finish Date:** 01/08/2013 **Plug Date:**

Log File Date: 01/30/2013 **PCW Rcv Date:** **Source:** Shallow

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

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

TAP ROCK

PROMETHEUS CTB PAD D
GROUNDWATER MAP

Legend

- C03600 POD4-1,339'-NO DGW INFO
- C04339 POD1-783'- NO DGW INFO
- C04339 POD2-1,047'-NO DGW INFO
- C04339 POD7-1,015'-NO DGW INFO
- C04339 POD8-862'-NO DGW INFO
- PROMETHEUS ST COM #136H

C04339 POD7-1,015'-NO DGW INFO

C04339 POD8-862'-NO DGW INFO

C04339 POD2-1,047'-NO DGW INFO

PROMETHEUS ST COM #136H

C04339 POD1-783'- NO DGW INFO

C03600 POD4-1,339'-NO DGW INFO

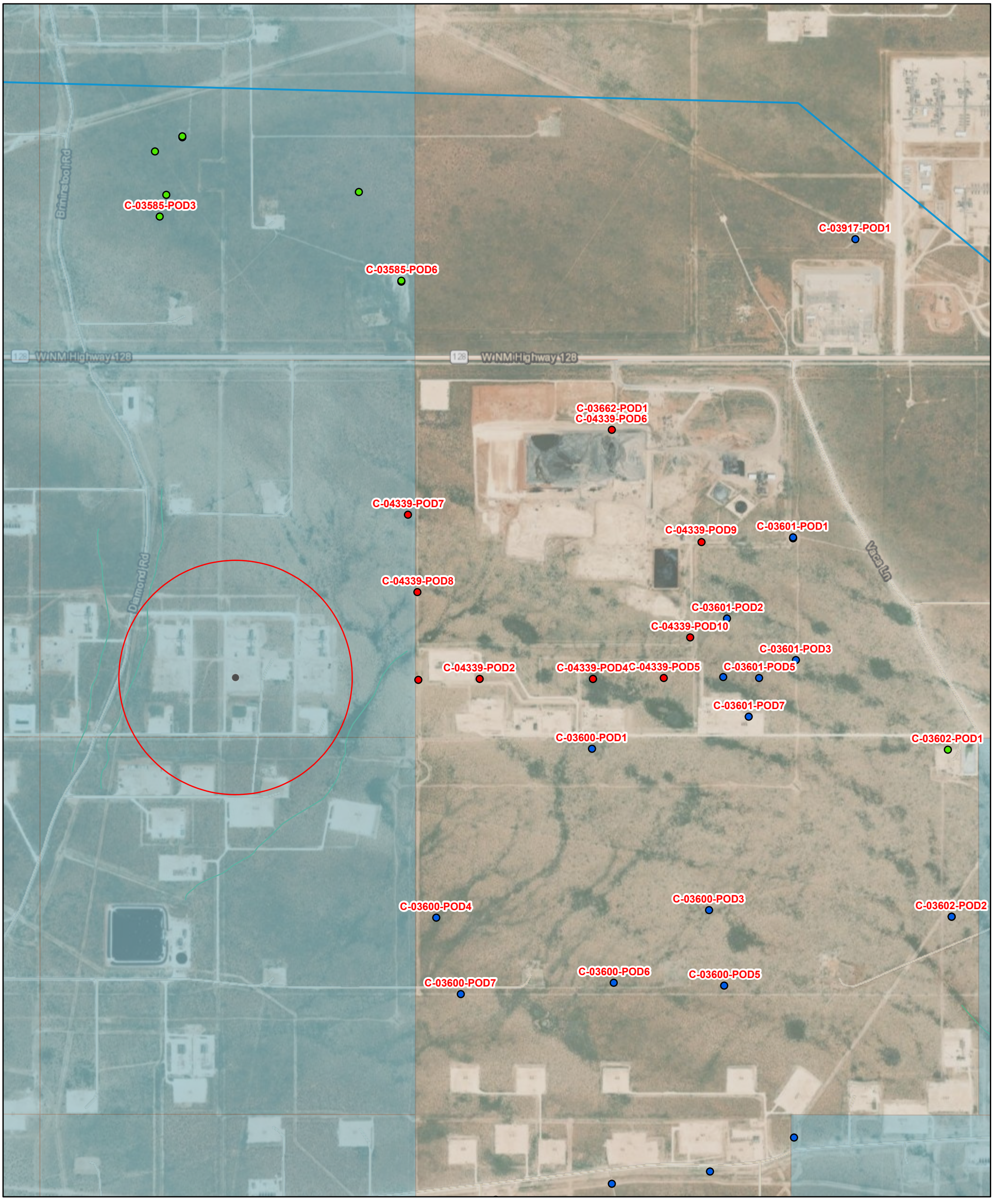
Hearns pit

Google Earth

N

3000 ft

OSE POD Location Map



6/27/2024, 1:21:51 PM

GIS WATERS PODs
- Active
- Pending
- 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.

Natalie Gladden

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Thursday, August 3, 2023 8:41 AM
To: Natalie Gladden
Cc: tknight@slo.state.nm.us; Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Bramsey@taprk.com; ccombs@taprk.com
Subject: Re: [EXTERNAL] Tap Rock Extension Request - Prometheus CTB Pad D - NAPP2312327651

Good morning Natalie,

Your 60-day time extension request is approved. Remediation Due date has been updated to September 25, 2023.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Wednesday, August 2, 2023 1:34 PM
To: ocdonline, emnrd, EMNRD <emnrd.ocdonline@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Knight, Tami C. <tknight@slo.state.nm.us>
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>

Subject: [EXTERNAL] Tap Rock Extension Request - Prometheus CTB Pad D - NAPP2312327651
Importance: High

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

All,

On behalf of Tap Rock, we would like to request an extension for the below listed release on the Prometheus CTB Pad D (136H). We will begin delineating this site next week.

Location: Prometheus State Com #136H
Incident No. nAPP2312327651
DOR: 4/26/23
API No.: 30-025-48763
ULSTR: O-22-24S-33E
County: Lea

Thank you in advance for your time in this matter.

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

Company Name: TAPROCK **Location Name:** PROMETHEUS ST COM 136H **Release Da**

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
SP1	SURF	3280	H	37.1	396	65800	18200	84000	4970	
	2	240								
	4	240								
	6	240								
	8	320								
	10	240	L	ND	ND	ND	ND	ND	212	
SP2	SURF	3280	H	102	1180	42000	11200	53200	5180	
	2	1280								
	4	2640								
	6	1520								
	8	320								
	10	320	L	ND	ND	ND	ND	ND	322	
SP3	SURF	>4000	H	42.3	468	34500	7990	42490	6660	
	2	2880								
	4	>4000								
	6	1680								
	8	1680								
	10	1120								
	12	720								
	14	400								
	16	240	L	ND	ND	ND	ND	ND	161	
SP4	SURF	2640	H	30.1	271	79500	20900	100400	4380	
	2	560								
	4	160	L	ND	ND	ND	ND	ND	71.6	
SP5	SURF	>4000	H	27.1	241	50900	12200	63100	6750	
	2	880								
	4	240								

	6	400								
	8	400								
	10	480								
	12	240	L	ND	ND	ND	ND	ND	221	
SW1	SURF	1200	H	ND	ND	10400	12800	23200	1290	
	1	240								
	2	80	L	ND	ND	ND	ND	ND	ND	
SW2	SURF	320	H	ND	ND	2490	2140	4630	360	
	1	640								
	2	160								
	3	160	L	ND	ND	ND	ND	ND	71.3	
SW3	SURF	>4000	H	ND	ND	2920	1860	4780	5120	
	1	880								
	2	720								
	3	240								
	4	240	L	ND	ND	ND	ND	ND	115	
SW4	SURF	>4000	H	ND	ND	1800	1670	3470	6220	
	1	160								
	2	160	L	ND	ND	ND	ND	ND	68.5	
SW5	SURF	240	H	ND	ND	5320	4250	9570	211	
	1	720								
	2	240								
	3	80	L	ND	ND	ND	ND	ND	ND	
SW6	SURF	160	H	ND	ND	2090	2320	4410	33.2	
	1	720								
	2	880								
	3	160								
	4	80	L	ND	ND	ND	ND	ND	ND	

TAP ROCK

PROMETHEUS CTB PAD D
DELINEATION MAP

Legend

- HORIZONTAL SAMPLE POINTS
- Taprock Prometheus St Com 136H 991 sq. ft.
- VERTICAL SAMPLE POINTS

SW1
SW2
SP1
SW6
SP2
SP3
SW3
SP4
SW5
SP5
SW4

Google Earth

N

60 ft

COMPANY: TAP ROCK **LOCATION:** PROMETHEUS CTB PAD D

POINT	LATITUDE	LONGITUDE
SP1	32.198404°	-103.559840°
SP2	32.198387°	-103.559887°
SP3	32.198352°	-103.559881°
SP4	32.198352°	-103.559837°
SP5	32.198323°	-103.559846°
SW1	32.198421°	-103.559836°
SW2	32.198401°	-103.559884°
SW3	32.198347°	-103.559893°
SW4	32.198311°	-103.559851°
SW5	32.198338°	-103.559812°
SW6	32.198392°	-103.559807°

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 ST Com 136H
Work Order:	E304215
Job Number:	20046-0001
Received:	4/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/23

Date Reported: 5/1/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Prometheus ST Com 136H
Workorder: E304215
Date Received: 4/28/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2023 7:00:00AM, under the Project Name: Prometheus ST Com 136H.

The analytical test results summarized in this report with the Project Name: Prometheus ST Com 136H 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 ST Com 136H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/01/23 16:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1-Surf	E304215-01A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP2-Surf	E304215-02A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP3-Surf	E304215-03A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP4-Surf	E304215-04A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP5-Surf	E304215-05A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Prometheus ST Com 136H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

SP1-Surf

E304215-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Benzene	**0.376**	0.250	10	04/28/23	04/28/23	
Ethylbenzene	**3.42**	0.250	10	04/28/23	04/28/23	
Toluene	**3.76**	0.250	10	04/28/23	04/28/23	
o-Xylene	**9.73**	0.250	10	04/28/23	04/28/23	
p,m-Xylene	**27.4**	0.500	10	04/28/23	04/28/23	
Total Xylenes	**37.1**	0.250	10	04/28/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Gasoline Range Organics (C6-C10)	**396**	200	10	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2317073
Diesel Range Organics (C10-C28)	**65800**	2500	100	04/28/23	05/01/23	
Oil Range Organics (C28-C36)	**18200**	5000	100	04/28/23	05/01/23	
Surrogate: n-Nonane		*266 %*	*50-200*	*04/28/23*	*05/01/23*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317075
Chloride	**4970**	40.0	2	04/28/23	04/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus ST Com 136H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

SP2-Surf

E304215-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Benzene	**12.0**	0.250	10	04/28/23	04/28/23	
Ethylbenzene	**13.4**	0.250	10	04/28/23	04/28/23	
Toluene	**64.5**	0.250	10	04/28/23	04/28/23	
o-Xylene	**24.0**	0.250	10	04/28/23	04/28/23	
p,m-Xylene	**78.2**	0.500	10	04/28/23	04/28/23	
Total Xylenes	**102**	0.250	10	04/28/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Gasoline Range Organics (C6-C10)	**1180**	200	10	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2317073
Diesel Range Organics (C10-C28)	**42000**	2500	100	04/28/23	05/01/23	
Oil Range Organics (C28-C36)	**11200**	5000	100	04/28/23	05/01/23	
Surrogate: n-Nonane		*396 %*	*50-200*	*04/28/23*	*05/01/23*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317075
Chloride	**5180**	400	20	04/28/23	04/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus ST Com 136H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

SP3-Surf

E304215-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Benzene	ND	0.500	20	04/28/23	04/28/23	
Ethylbenzene	**3.50**	0.500	20	04/28/23	04/28/23	
Toluene	**2.47**	0.500	20	04/28/23	04/28/23	
o-Xylene	**11.4**	0.500	20	04/28/23	04/28/23	
p,m-Xylene	**30.8**	1.00	20	04/28/23	04/28/23	
Total Xylenes	**42.3**	0.500	20	04/28/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Gasoline Range Organics (C6-C10)	**468**	400	20	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2317073
Diesel Range Organics (C10-C28)	**34500**	2500	100	04/28/23	05/01/23	
Oil Range Organics (C28-C36)	**7990**	5000	100	04/28/23	05/01/23	
Surrogate: n-Nonane		*271 %*	*50-200*	*04/28/23*	*05/01/23*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317075
Chloride	**6660**	400	20	04/28/23	04/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus ST Com 136H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

SP4-Surf

E304215-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Benzene	ND	0.250	10	04/28/23	04/28/23	
Ethylbenzene	**2.57**	0.250	10	04/28/23	04/28/23	
Toluene	**1.18**	0.250	10	04/28/23	04/28/23	
o-Xylene	**8.44**	0.250	10	04/28/23	04/28/23	
p,m-Xylene	**21.6**	0.500	10	04/28/23	04/28/23	
Total Xylenes	**30.1**	0.250	10	04/28/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Gasoline Range Organics (C6-C10)	**271**	200	10	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*04/28/23*	*04/28/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2317073
Diesel Range Organics (C10-C28)	**79500**	2500	100	04/28/23	05/01/23	
Oil Range Organics (C28-C36)	**20900**	5000	100	04/28/23	05/01/23	
Surrogate: n-Nonane		*243 %*	*50-200*	*04/28/23*	*05/01/23*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317075
Chloride	**4380**	40.0	2	04/28/23	04/28/23	

Sample Data

Tap Rock	Project Name:	Prometheus ST Com 136H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

SP5-Surf

E304215-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Benzene	**0.201**	0.0500	2	04/28/23	05/01/23	
Ethylbenzene	**2.40**	0.0500	2	04/28/23	05/01/23	
Toluene	**1.11**	0.0500	2	04/28/23	05/01/23	
o-Xylene	**7.73**	0.0500	2	04/28/23	05/01/23	
p,m-Xylene	**19.3**	0.100	2	04/28/23	05/01/23	
Total Xylenes	**27.1**	0.0500	2	04/28/23	05/01/23	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*04/28/23*	*05/01/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2317071
Gasoline Range Organics (C6-C10)	**241**	40.0	2	04/28/23	05/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*04/28/23*	*05/01/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2317073
Diesel Range Organics (C10-C28)	**50900**	2500	100	04/28/23	05/01/23	
Oil Range Organics (C28-C36)	**12200**	5000	100	04/28/23	05/01/23	
Surrogate: n-Nonane		*218 %*	*50-200*	*04/28/23*	*05/01/23*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2317075
Chloride	**6750**	400	20	04/28/23	04/28/23	

QC Summary Data

Tap Rock	Project Name:	Prometheus ST Com 136H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

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 (2317071-BLK1)									Prepared: 04/28/23 Analyzed: 04/28/23
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	*7.42*		*8.00*		*92.8*	*70-130*			
LCS (2317071-BS1)									Prepared: 04/28/23 Analyzed: 04/28/23
Benzene	4.01	0.0250	5.00		80.2	70-130			
Ethylbenzene	4.35	0.0250	5.00		86.9	70-130			
Toluene	4.36	0.0250	5.00		87.2	70-130			
o-Xylene	4.50	0.0250	5.00		90.0	70-130			
p,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.4	0.0250	15.0		89.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS Dup (2317071-BSD1)									Prepared: 04/28/23 Analyzed: 04/28/23
Benzene	4.25	0.0250	5.00		85.0	70-130	5.76	20	
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130	6.72	20	
Toluene	4.65	0.0250	5.00		92.9	70-130	6.31	20	
o-Xylene	4.79	0.0250	5.00		95.9	70-130	6.38	20	
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130	6.59	20	
Total Xylenes	14.3	0.0250	15.0		95.1	70-130	6.52	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus ST Com 136H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

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 (2317071-BLK1)									Prepared: 04/28/23 Analyzed: 04/28/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2317071-BS2)									Prepared: 04/28/23 Analyzed: 04/28/23
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.57*		*8.00*		*94.6*	*70-130*			
LCS Dup (2317071-BSD2)									Prepared: 04/28/23 Analyzed: 04/28/23
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.4	70-130	8.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Prometheus ST Com 136H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

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 (2317073-BLK1)									Prepared: 04/28/23 Analyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
LCS (2317073-BS1)									Prepared: 04/28/23 Analyzed: 04/28/23
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.4*	*50-200*			
Matrix Spike (2317073-MS1)				**Source: E304206-01**					Prepared: 04/28/23 Analyzed: 04/28/23
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	*43.2*		*50.0*		*86.3*	*50-200*			
Matrix Spike Dup (2317073-MSD1)				**Source: E304206-01**					Prepared: 04/28/23 Analyzed: 04/28/23
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132	1.23	20	
Surrogate: n-Nonane	*44.0*		*50.0*		*88.0*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Prometheus ST Com 136H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:13:47PM

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 (2317075-BLK1)									Prepared: 04/28/23 Analyzed: 04/28/23
Chloride	ND	20.0							
LCS (2317075-BS1)									Prepared: 04/28/23 Analyzed: 04/28/23
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2317075-MS1)				**Source: E304205-01**					Prepared: 04/28/23 Analyzed: 04/28/23
Chloride	246	20.0	250	ND	98.3	80-120			
Matrix Spike Dup (2317075-MSD1)				**Source: E304205-01**					Prepared: 04/28/23 Analyzed: 04/28/23
Chloride	244	20.0	250	ND	97.6	80-120	0.717	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 ST Com 136H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/01/23 16:13

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
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:	TAPROCK
Project:	PROMETHEUS STCOM 136H
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#: E304215 — Job Number: 20410-0001

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
	4/26/23	S	1	SP1 - SURF	1							X		
				SP2 - SURF	2									
				SP3 - SURF	3									
				SP4 - SURF	4									
	4/26/23	S	1	SP5 - SURF	5							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
	4/26/23		Michelle Cuyle	4-27-23	1330
Michelle Cuyle	4-27-23	1745	Andrew Musso	4-27-23	1900
Andrew Musso	4-27-23	2330	Irene Zapata	04/28/23	7:00

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

Envirotech Analytical Laboratory

Printed: 4/28/2023 12:07:49PM

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:	04/28/23 07:00	Work Order ID:	E304215
Phone:	(575) 390-6397	Date Logged In:	04/28/23 07:32	Logged In By:	Irene Yazzie
Email:	natalie@energystaffingllc.com	Due Date:	05/01/23 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	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?	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 not provided on the COC by client.

Client Instruction

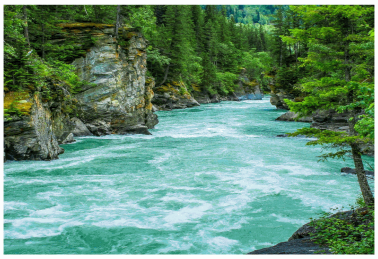
Signature of client authorizing changes to the COC or sample disposition.

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:	Jackson 906H
Work Order:	E312037
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.

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: Jackson 906H
Workorder: E312037
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: Jackson 906H.

The analytical test results summarized in this report with the Project Name: Jackson 906H 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
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Jackson 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/08/23 16:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 1- Surf	E312037-01A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW 2- Surf	E312037-02A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW 3- Surf	E312037-03A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW 4- Surf	E312037-04A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW 5- Surf	E312037-05A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.
SW 6- Surf	E312037-06A	Soil	12/05/23	12/07/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

SW 1- Surf

E312037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Benzene	ND	0.0250	1	12/07/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/08/23	
Toluene	ND	0.0250	1	12/07/23	12/08/23	
o-Xylene	ND	0.0250	1	12/07/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349083
Diesel Range Organics (C10-C28)	**10400**	1250	50	12/07/23	12/08/23	
Oil Range Organics (C28-C36)	**12800**	2500	50	12/07/23	12/08/23	
Surrogate: n-Nonane		*79.7 %*	*50-200*	*12/07/23*	*12/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349080
Chloride	**1290**	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Jackson 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

SW 2- Surf

E312037-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Benzene	ND	0.0250	1	12/07/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/08/23	
Toluene	ND	0.0250	1	12/07/23	12/08/23	
o-Xylene	ND	0.0250	1	12/07/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*104 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349083
Diesel Range Organics (C10-C28)	**2490**	250	10	12/07/23	12/08/23	
Oil Range Organics (C28-C36)	**2140**	500	10	12/07/23	12/08/23	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*12/07/23*	*12/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349080
Chloride	**360**	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Jackson 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

SW 3- Surf

E312037-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Benzene	ND	0.0250	1	12/07/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/08/23	
Toluene	ND	0.0250	1	12/07/23	12/08/23	
o-Xylene	ND	0.0250	1	12/07/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*105 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*92.5 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349083
Diesel Range Organics (C10-C28)	**2920**	125	5	12/07/23	12/08/23	
Oil Range Organics (C28-C36)	**1860**	250	5	12/07/23	12/08/23	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*12/07/23*	*12/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349080
Chloride	**5120**	200	10	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Jackson 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

SW 4- Surf

E312037-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Benzene	ND	0.0250	1	12/07/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/08/23	
Toluene	ND	0.0250	1	12/07/23	12/08/23	
o-Xylene	ND	0.0250	1	12/07/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349083
Diesel Range Organics (C10-C28)	**1800**	125	5	12/07/23	12/08/23	
Oil Range Organics (C28-C36)	**1670**	250	5	12/07/23	12/08/23	
Surrogate: n-Nonane		*92.0 %*	*50-200*	*12/07/23*	*12/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349080
Chloride	**6220**	200	10	12/07/23	12/08/23	

Sample Data

Tap Rock	Project Name:	Jackson 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

SW 5- Surf

E312037-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Benzene	ND	0.0250	1	12/07/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/08/23	
Toluene	ND	0.0250	1	12/07/23	12/08/23	
o-Xylene	ND	0.0250	1	12/07/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349083
Diesel Range Organics (C10-C28)	**5320**	250	10	12/07/23	12/08/23	
Oil Range Organics (C28-C36)	**4250**	500	10	12/07/23	12/08/23	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*12/07/23*	*12/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349080
Chloride	**211**	20.0	1	12/07/23	12/07/23	

Sample Data

Tap Rock	Project Name:	Jackson 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

SW 6- Surf

E312037-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Benzene	ND	0.0250	1	12/07/23	12/08/23	
Ethylbenzene	ND	0.0250	1	12/07/23	12/08/23	
Toluene	ND	0.0250	1	12/07/23	12/08/23	
o-Xylene	ND	0.0250	1	12/07/23	12/08/23	
p,m-Xylene	ND	0.0500	1	12/07/23	12/08/23	
Total Xylenes	ND	0.0250	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349078
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/07/23	12/08/23	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: 1,2-Dichloroethane-d4		*95.7 %*	*70-130*	*12/07/23*	*12/08/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*12/07/23*	*12/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2349083
Diesel Range Organics (C10-C28)	**2090**	250	10	12/07/23	12/08/23	
Oil Range Organics (C28-C36)	**2320**	500	10	12/07/23	12/08/23	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*12/07/23*	*12/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349080
Chloride	**33.2**	20.0	1	12/07/23	12/07/23	

QC Summary Data

Tap Rock	Project Name:	Jackson 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

Volatile Organic Compounds by EPA 8260B

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 (2349078-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: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			
LCS (2349078-BS1)									Prepared: 12/07/23 Analyzed: 12/08/23
Benzene	2.68	0.0250	2.50		107	70-130			
Ethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.56	0.0250	2.50		102	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.73	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.463*		*0.500*		*92.6*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
Matrix Spike (2349078-MS1)				**Source: E312037-03**					Prepared: 12/07/23 Analyzed: 12/08/23
Benzene	2.73	0.0250	2.50	ND	109	48-131			
Ethylbenzene	2.73	0.0250	2.50	ND	109	45-135			
Toluene	2.73	0.0250	2.50	ND	109	48-130			
o-Xylene	2.67	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.41	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.07	0.0250	7.50	ND	108	43-135			
Surrogate: Bromofluorobenzene	*0.529*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: Toluene-d8	*0.536*		*0.500*		*107*	*70-130*			
Matrix Spike Dup (2349078-MSD1)				**Source: E312037-03**					Prepared: 12/07/23 Analyzed: 12/08/23
Benzene	2.83	0.0250	2.50	ND	113	48-131	3.63	23	
Ethylbenzene	2.79	0.0250	2.50	ND	111	45-135	1.97	27	
Toluene	2.77	0.0250	2.50	ND	111	48-130	1.48	24	
o-Xylene	2.74	0.0250	2.50	ND	110	43-135	2.78	27	
p,m-Xylene	5.51	0.0500	5.00	ND	110	43-135	1.82	27	
Total Xylenes	8.25	0.0250	7.50	ND	110	43-135	2.14	27	
Surrogate: Bromofluorobenzene	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: Toluene-d8	*0.523*		*0.500*		*105*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

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 (2349078-BLK1)									Prepared: 12/07/23 Analyzed: 12/07/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			
LCS (2349078-BS2)									Prepared: 12/07/23 Analyzed: 12/08/23
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
Matrix Spike (2349078-MS2)				**Source: E312037-03**					Prepared: 12/07/23 Analyzed: 12/08/23
Gasoline Range Organics (C6-C10)	57.3	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: Toluene-d8	*0.548*		*0.500*		*110*	*70-130*			
Matrix Spike Dup (2349078-MSD2)				**Source: E312037-03**					Prepared: 12/07/23 Analyzed: 12/08/23
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0	ND	120	70-130	4.50	20	
Surrogate: Bromofluorobenzene	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.8*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

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 (2349083-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	*47.0*		*50.0*		*94.0*	*50-200*			
LCS (2349083-BS1)									Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	206	25.0	250		82.3	38-132			
Surrogate: n-Nonane	*46.0*		*50.0*		*92.1*	*50-200*			
Matrix Spike (2349083-MS1)				**Source: E312037-03**					Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	2290	25.0	250	2920	NR	38-132			M4
Surrogate: n-Nonane	*47.8*		*50.0*		*95.5*	*50-200*			
Matrix Spike Dup (2349083-MSD1)				**Source: E312037-03**					Prepared: 12/07/23 Analyzed: 12/07/23
Diesel Range Organics (C10-C28)	2310	25.0	250	2920	NR	38-132	0.786	20	M4
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/8/2023 4:40:24PM

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 (2349080-BLK1)									Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	ND	20.0							
LCS (2349080-BS1)									Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2349080-MS1)				**Source: E312038-02**					Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	8180	200	250	8330	NR	80-120			M4
Matrix Spike Dup (2349080-MSD1)				**Source: E312038-02**					Prepared: 12/07/23 Analyzed: 12/07/23
Chloride	8140	200	250	8330	NR	80-120	0.560	20	M4

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 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/08/23 16:40

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated 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: Top Rock
Project: Jackson 9 Com #1
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#: E312037
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
		S	1	SW1-Surf	1									X				
		S	1	SW 2 Surf	2									X				
		S	1	SW 3 Surf	3									X				
		S	1	SW 4 Surf	4									X				
		S	1	SW 5 Surf	5									X				
		S	1	SW6 Surf	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: 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 Gonzales	12-6-23	1230
Michelle Gonzales	12-6-23	1440	[signature]	12/6/23	1440
[signature]	12/6/23	2200	J. Montano	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

Envirotech Analytical Laboratory

Printed: 12/7/2023 8:33:51AM

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:	E312037
Phone:	(575) 390-6397	Date Logged In:	12/06/23 14:04	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	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?	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 on COC per client.

Date sampled not on COC per client.

Project manager not listed on COC. Natalie Gladden

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 Unit 906H
Work Order:	E312059
Job Number:	20046-0001
Received:	12/11/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/12/23

Date Reported: 12/12/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 906H
Workorder: E312059
Date Received: 12/11/2023 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/11/2023 7:30:00AM, under the Project Name: Jackson Unit 906H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 906H 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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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:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/23 16:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1-10'	E312059-01A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SP 2-10'	E312059-02A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SP 3-16'	E312059-03A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SP 4-4'	E312059-04A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

SP 1-10'

E312059-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*119 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**212**	200	10	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

SP 2-10'

E312059-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**322**	40.0	2	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

SP 3-16'

E312059-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.8 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*99.4 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**161**	40.0	2	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

SP 4-4'

E312059-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**71.6**	20.0	1	12/11/23	12/11/23	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

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 (2350012-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
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	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2350012-BS1)									Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.28*		*8.00*		*91.0*	*70-130*			
Matrix Spike (2350012-MS1)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.64	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	61-133			
Toluene	4.92	0.0250	5.00	ND	98.4	61-130			
o-Xylene	5.02	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.45*		*8.00*		*93.2*	*70-130*			
Matrix Spike Dup (2350012-MSD1)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.87	0.0250	5.00	ND	97.4	54-133	4.77	20	
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133	5.02	20	
Toluene	5.16	0.0250	5.00	ND	103	61-130	4.79	20	
o-Xylene	5.27	0.0250	5.00	ND	105	63-131	4.86	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	4.92	20	
Total Xylenes	16.0	0.0250	15.0	ND	106	63-131	4.90	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

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 (2350012-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			
LCS (2350012-BS2)									Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike (2350012-MS2)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.3*	*70-130*			
Matrix Spike Dup (2350012-MSD2)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	0.450	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

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 (2350017-BLK1)									Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*50-200*			
LCS (2350017-BS1)									Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.6	38-132			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.9*	*50-200*			
Matrix Spike (2350017-MS1)				**Source: E312059-04**					Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.8	38-132			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*50-200*			
Matrix Spike Dup (2350017-MSD1)				**Source: E312059-04**					Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.9	38-132	1.16	20	
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:25:27PM

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 (2350015-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	ND	20.0							
LCS (2350015-BS1)									Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2350015-MS1)				**Source: E312060-02**					Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	276	200	250	ND	110	80-120			
Matrix Spike Dup (2350015-MSD1)				**Source: E312060-02**					Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	271	200	250	ND	108	80-120	1.79	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 Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/23 16:25

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: Top Rock
Project: Jackson Unit 906 H
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# E312059 Job Number 200416-0001

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

EPA Program: CWA | SDWA | RCRA

State: NM (P) | 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
	12/7/23	S	1	SP1-10'	1							P		
		|	|	SP2-10'	2							|		
		|	|	SP3-16'	3							|		
		S	1	SP4-4'	4							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: 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	12-7-23		Mucille Gunyh	12-8-23	1120
Mucille Gunyh	12-8-23	1515	Andrew Martinez	12.9.23	1500
Andrew Martinez	12.9.23	2100	Andrew Martinez	12/10/23	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.

envirotech

Envirotech Analytical Laboratory

Printed: 12/11/2023 8:55:10AM

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:	12/11/23 07:30	Work Order ID:	E312059
Phone:	(575) 390-6397	Date Logged In:	12/11/23 07:50	Logged In By:	Jordan Montano
Email:	natalie@energystaffingllc.com	Due Date:	12/12/23 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?	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.

Project manager not listed on COC.

Client Instruction

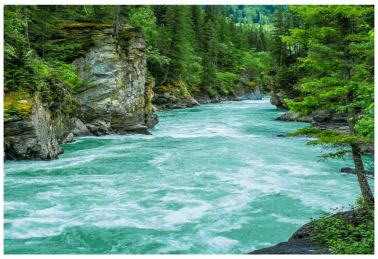
Signature of client authorizing changes to the COC or sample disposition.

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 Unit 906H
Work Order:	E312060
Job Number:	20046-0001
Received:	12/11/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/12/23

Date Reported: 12/12/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 906H
Workorder: E312060
Date Received: 12/11/2023 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/11/2023 7:30:00AM, under the Project Name: Jackson Unit 906H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 906H 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
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Sample Summary

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/23 16:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP5-12'	E312060-01A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SW1-2'	E312060-02A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SW2-3'	E312060-03A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SW3-4'	E312060-04A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SW4-2'	E312060-05A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SW5-3'	E312060-06A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.
SW6-4'	E312060-07A	Soil	12/07/23	12/11/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SP5-12'

E312060-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.8 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**221**	20.0	1	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SW1-2'

E312060-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	ND	200	10	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SW2-3'

E312060-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.7 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**71.3**	20.0	1	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SW3-4'

E312060-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.7 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**115**	20.0	1	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SW4-2'

E312060-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	**68.5**	20.0	1	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SW5-3'

E312060-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.9 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*85.6 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	ND	200	10	12/11/23	12/11/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

SW6-4'

E312060-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Benzene	ND	0.0250	1	12/11/23	12/11/23	
Ethylbenzene	ND	0.0250	1	12/11/23	12/11/23	
Toluene	ND	0.0250	1	12/11/23	12/11/23	
o-Xylene	ND	0.0250	1	12/11/23	12/11/23	
p,m-Xylene	ND	0.0500	1	12/11/23	12/11/23	
Total Xylenes	ND	0.0250	1	12/11/23	12/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*90.8 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2350012
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/11/23	12/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*12/11/23*	*12/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2350017
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/23	12/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/23	12/12/23	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*12/11/23*	*12/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2350015
Chloride	ND	200	10	12/11/23	12/11/23	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

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 (2350012-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
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	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2350012-BS1)									Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.28*		*8.00*		*91.0*	*70-130*			
Matrix Spike (2350012-MS1)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.64	0.0250	5.00	ND	92.9	54-133			
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	61-133			
Toluene	4.92	0.0250	5.00	ND	98.4	61-130			
o-Xylene	5.02	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.45*		*8.00*		*93.2*	*70-130*			
Matrix Spike Dup (2350012-MSD1)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Benzene	4.87	0.0250	5.00	ND	97.4	54-133	4.77	20	
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133	5.02	20	
Toluene	5.16	0.0250	5.00	ND	103	61-130	4.79	20	
o-Xylene	5.27	0.0250	5.00	ND	105	63-131	4.86	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	4.92	20	
Total Xylenes	16.0	0.0250	15.0	ND	106	63-131	4.90	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.49*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

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 (2350012-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			
LCS (2350012-BS2)									Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.9*	*70-130*			
Matrix Spike (2350012-MS2)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.3*	*70-130*			
Matrix Spike Dup (2350012-MSD2)				**Source: E312059-01**					Prepared: 12/11/23 Analyzed: 12/11/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	0.450	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

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 (2350017-BLK1)									Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*50-200*			
LCS (2350017-BS1)									Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.6	38-132			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.9*	*50-200*			
Matrix Spike (2350017-MS1)				**Source: E312059-04**					Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	230	25.0	250	ND	91.8	38-132			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*50-200*			
Matrix Spike Dup (2350017-MSD1)				**Source: E312059-04**					Prepared: 12/11/23 Analyzed: 12/12/23
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.9	38-132	1.16	20	
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/2023 4:24:12PM

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 (2350015-BLK1)									Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	ND	20.0							
LCS (2350015-BS1)									Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2350015-MS1)				**Source: E312060-02**					Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	276	200	250	ND	110	80-120			
Matrix Spike Dup (2350015-MSD1)				**Source: E312060-02**					Prepared: 12/11/23 Analyzed: 12/11/23
Chloride	271	200	250	ND	108	80-120	1.79	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 Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/12/23 16:24

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: Jackson Unit 206H
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# E312060
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: 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
	12/7/23	S	1	SP 5-12'	1	X	
				SW1-2'	2		
				SW2-3'	3		
				SW3-4'	4		
				SW4-2'	5		
				SW5-3'	6		
	12/7/23	S	1	SW6-4.	7	X	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling 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	12/7/23		Michelle Gaytan	12-8-23	1120
Michelle Gaytan	12-8-23	1515	Andrew Madrid	12.9.23	1500
Andrew Madrid	12.9.23	2100		12/11/23	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

Envirotech Analytical Laboratory

Printed: 12/11/2023 8:55:50AM

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:	12/11/23 07:30	Work Order ID:	E312060
Phone:	(575) 390-6397	Date Logged In:	12/11/23 07:52	Logged In By:	Jordan Montano
Email:	natalie@energystaffingllc.com	Due Date:	12/12/23 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?	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.

Project manager not listed on COC.

Client Instruction

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

Date

envirotech Inc.

PROMETHEUS CTB PAD D

DELINEATION SITE PHOTOS


May 8, 2023 at 14:30:19
32° 11' 55" N, 103° 33' 36" W
153° SE
Jal NM 88252
Taprock
Prometheus Pad C


May 9, 2023 at 10:07:32
32° 11' 54" N, 103° 33' 35" W
264° W
Jal NM 88252
Taprock
Prometheus Pad C
Hydrovac line exposure


May 9, 2023 at 10:07:34
32° 11' 54" N, 103° 33' 35" W
266° W
Jal NM 88252
Taprock
Prometheus Pad C
Hydrovac line exposure


Hydrovac line exposure

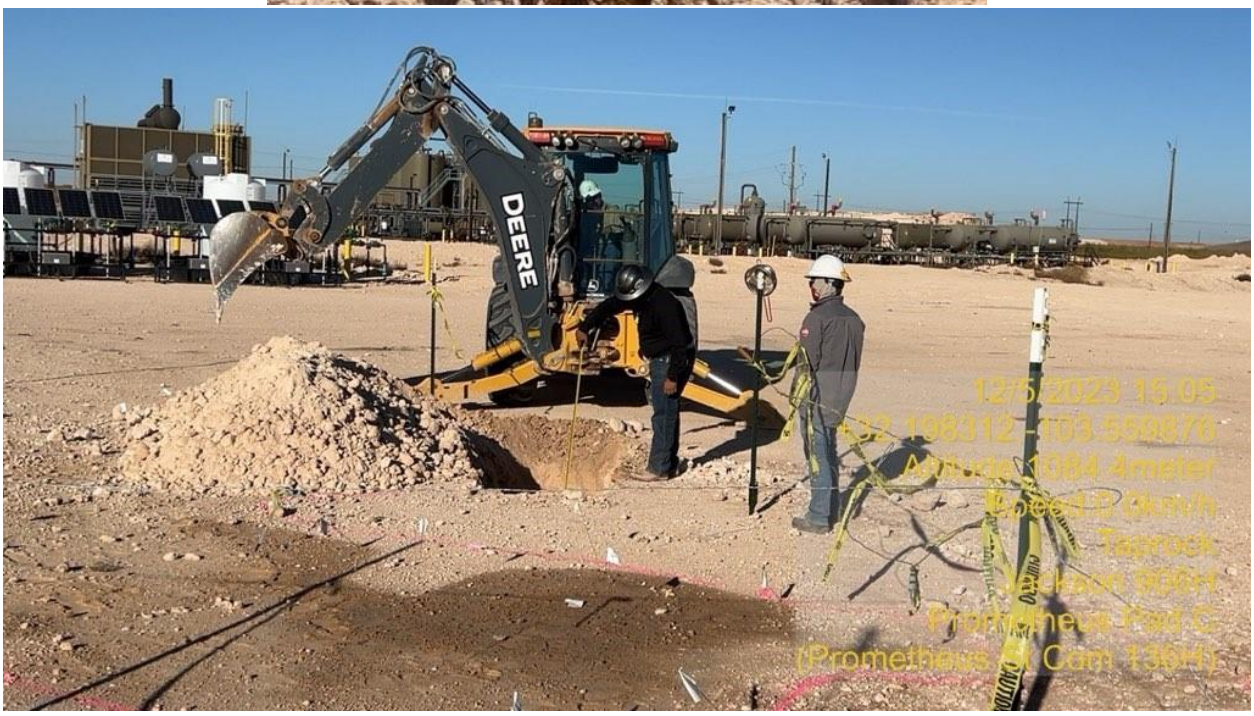

Taprock
Prometheus Pad C


May 9, 2023 at 08:54:50
32° 11' 56" N, 103° 33' 34" W
86° E
Jal NM 88252
Taprock
Prometheus Pad C
Hydrovac line exposure


May 9, 2023 at 09:54:37
32° 11' 56" N, 103° 33' 34" W
26° NE
Jal NM 88252
Taprock
Prometheus Pad C
Hydrovac line exposure


May 9, 2023 at 09:58:26
32° 11' 57" N, 103° 33' 34" W
115° SE
Jal NM 88252
Taprock
Prometheus Pad C
Hydrovac line exposure


Taprock
Prometheus Pad C
Hydrovac line exposed


DEERE
12/5/2023 15:05
Taprock
Prometheus Pad C


12/5/2023 15:04
+32.198312,-103.559876
Altitude 1084.4meter
Speed 0.0km/h
Taprock
Jackson 906H
Prometheus Pad C
(Prometheus St Com 136H)


DEERE
350G
12/6/2023 09:33
+32.199032,-103.559439
Altitude 1084.7meter
Taprock
Jackson 906H
Prometheus Pad C
(Prometheus St Com 136H)


DEERE
12/6/2023 14:46
+32.198435, -103.559963
Altitude 1083.4meter
Speed 0.1km/h
Taprock
Jackson 906H
Prometheus Pad C
(Prometheus St Com 136H)


DEERE
350G
12/7/2023 08:58
+32.198376, -103.559739
Altitude 1085.7meter
Speed 0.0km/h
Taprock
Jackson 906H... Prometheus C pad
(Prometheus 136H)
Sidewalls


Speed 0.1km/h
Taprock
Jackson 906H
Prometheus Pad C
(Prometheus St Com 136H)

Brittney Corral

From: OCDOnline@state.nm.us
Sent: Monday, December 11, 2023 11:20 AM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 293093

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2312327651.

The sampling event is expected to take place:

When: 12/14/2023 @ 07:00
Where: O-22-24S-33E 0 FNL 0 FEL (32.1981382,-103.559856)

Additional Information: PLEASE CONTACT NATALIE GLADDEN AT 5753906397 OR BY EMAIL AT NATALIE@ENERGYSTAFFINGLLC.COM

Additional Instructions: GPS 32.1981382 -103.55985600

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: TAPROCK **Location Name:** PROMETHEUS 136H **Release Date:**

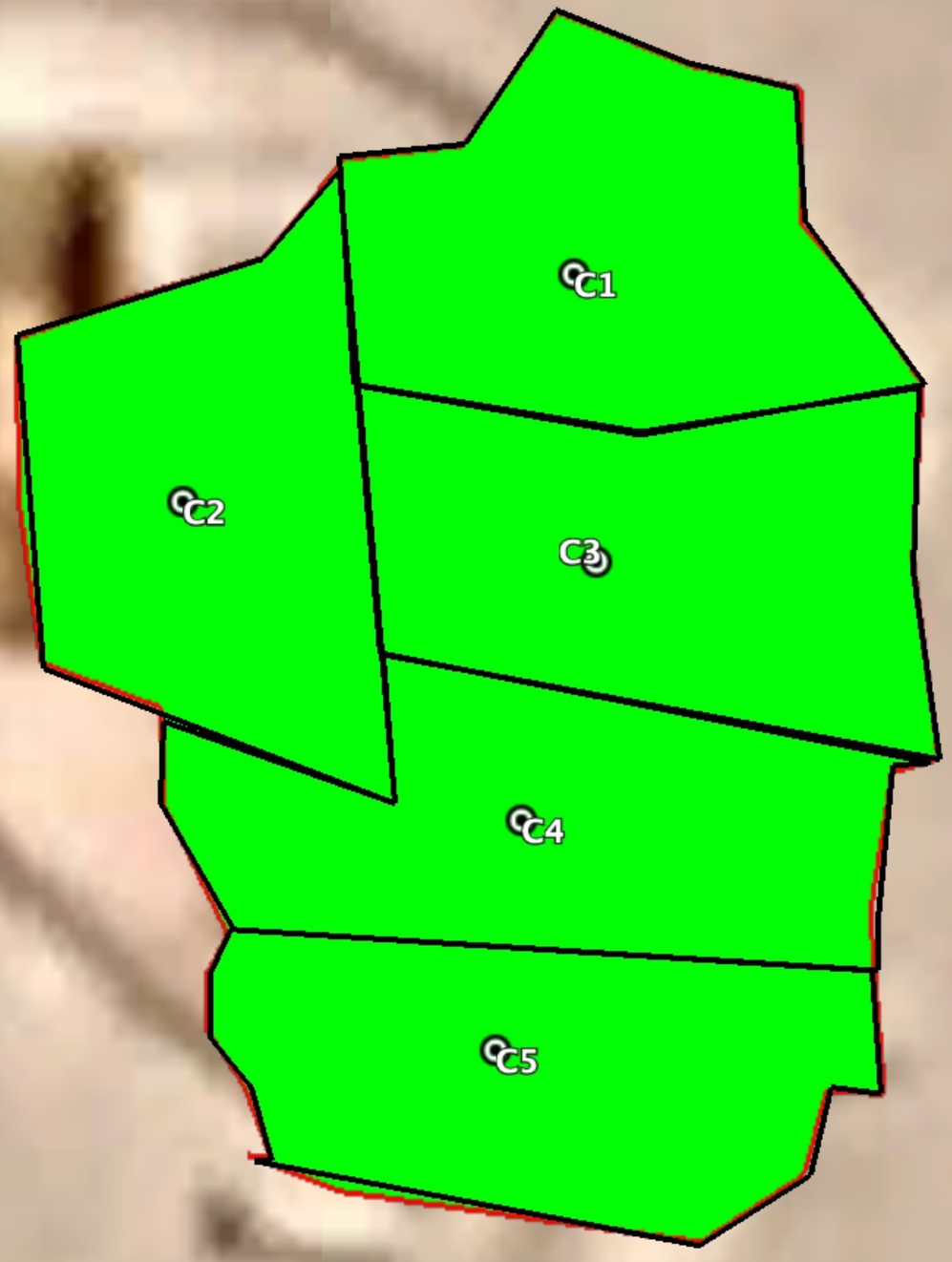
SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
COMP1	8	80	L	ND	ND	ND	ND	ND	ND	
COMP2	8	240	L	ND	ND	ND	ND	ND	126	
COMP3	14	240	L	ND	ND	ND	ND	ND	125	
COMP4	2	80	L	ND	ND	ND	ND	ND	ND	
COMP5	10	240	L	ND	ND	ND	ND	ND	113	
SWCOMP1	8	80	L	ND	ND	ND	ND	ND	ND	
SWCOMP2	8	80	L	ND	ND	ND	ND	ND	34	
SWCOMP3	14	240	L	ND	ND	ND	ND	ND	125	
SWCOMP4	2	80	L	ND	ND	ND	ND	ND	ND	
SWCOMP5	10	80	L	ND	ND	ND	ND	ND	ND	
SWCOMP6	10	80	L	ND	ND	ND	ND	ND	ND	

Taprock Prometheus St. Com. 136H

- 991 sq. ft
- 5 Composites

Legend

- Composite #
- Taprock Promethues St. Com. 136H 991 Sq. Ft.



Google Earth

10 ft

N

CLIENTS	
LOCATION	Taprock Prometheus St. Com. 136H

SAMPLE ID	LAT	LONG
Composite 1	32¡11'54.26"N	103¡33'35.45"W
Composite 2	32¡11'54.18"N	103¡33'35.61"W
Composite 3	32¡11'54.16"N	103¡33'35.44"W
Composite 4	32¡11'54.07"N	103¡33'35.47"W
Composite 5	32¡11'53.99"N	103¡33'35.48"W

TAP ROCK

PROMETHEUS ST COM 136H
SIDEWALL COMPOSITE MAP

Legend
- EXCAVATION AREA
- SIDEWALL COMPOSITES

CSW1
CSW6
CSW5
CSW2
CSW4
CSW3

Google Earth

N

80 ft

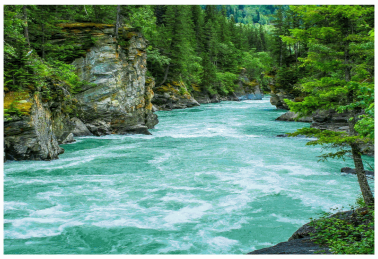
COMPANY: TAP ROCK

LOCATION: PROMETHEUS ST COM 136H

POINT	LATITUDE	LONGITUDE
CSW1	32.198420°	-103.559821°
CSW2	32.198356°	-103.559803°
CSW3	32.198315°	-103.559820°
CSW4	32.198316°	-103.559882°
CSW5	32.198364°	-103.559906°
CSW6	32.198403°	-103.559884°

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 Unit 906H
Work Order:	E312115
Job Number:	20046-0001
Received:	12/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/19/23

Date Reported: 12/19/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 906H
Workorder: E312115
Date Received: 12/18/2023 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2023 7:30:00AM, under the Project Name: Jackson Unit 906H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 906H 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

Lynn Jarboe
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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:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/23 13:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP Com 1-8'	E312115-01A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SP Com 2-8'	E312115-02A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SP Com 3-14'	E312115-03A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SP Com 4-2'	E312115-04A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SP Com 5-10'	E312115-05A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW Com 1-8'	E312115-06A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW Com 2-8'	E312115-07A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW Com 3-14'	E312115-08A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW Com 4-2'	E312115-09A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW Com 5-10'	E312115-10A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.
SW Com 6-10'	E312115-11A	Soil	12/14/23	12/18/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SP Com 1-8'

E312115-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*86.1 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	ND	200	10	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SP Com 2-8'

E312115-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	**126**	20.0	1	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SP Com 3-14'

E312115-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	**125**	20.0	1	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SP Com 4-2'

E312115-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	ND	200	10	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SP Com 5-10'

E312115-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	**113**	20.0	1	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SW Com 1-8'

E312115-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	ND	200	10	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SW Com 2-8'

E312115-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	**34.0**	20.0	1	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SW Com 3-14'

E312115-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/18/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/18/23	
Toluene	ND	0.0250	1	12/18/23	12/18/23	
o-Xylene	ND	0.0250	1	12/18/23	12/18/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/18/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/18/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*12/18/23*	*12/18/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	**125**	20.0	1	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SW Com 4-2'

E312115-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/19/23	
Toluene	ND	0.0250	1	12/18/23	12/19/23	
o-Xylene	ND	0.0250	1	12/18/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*12/18/23*	*12/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*12/18/23*	*12/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	ND	200	10	12/18/23	12/18/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SW Com 5-10'

E312115-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/19/23	
Toluene	ND	0.0250	1	12/18/23	12/19/23	
o-Xylene	ND	0.0250	1	12/18/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*12/18/23*	*12/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*12/18/23*	*12/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/18/23	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*12/18/23*	*12/18/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	ND	200	10	12/18/23	12/19/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

SW Com 6-10'

E312115-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Benzene	ND	0.0250	1	12/18/23	12/19/23	
Ethylbenzene	ND	0.0250	1	12/18/23	12/19/23	
Toluene	ND	0.0250	1	12/18/23	12/19/23	
o-Xylene	ND	0.0250	1	12/18/23	12/19/23	
p,m-Xylene	ND	0.0500	1	12/18/23	12/19/23	
Total Xylenes	ND	0.0250	1	12/18/23	12/19/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*12/18/23*	*12/19/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2351015
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/23	12/19/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*12/18/23*	*12/19/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2351012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/23	12/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/23	12/19/23	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*12/18/23*	*12/19/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2351022
Chloride	ND	200	10	12/18/23	12/19/23	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

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 (2351015-BLK1)									Prepared: 12/18/23 Analyzed: 12/18/23
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	*7.51*		*8.00*		*93.9*	*70-130*			
LCS (2351015-BS1)									Prepared: 12/18/23 Analyzed: 12/18/23
Benzene	4.60	0.0250	5.00		92.1	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.7	70-130			
Toluene	4.59	0.0250	5.00		91.7	70-130			
o-Xylene	4.54	0.0250	5.00		90.7	70-130			
p,m-Xylene	9.26	0.0500	10.0		92.6	70-130			
Total Xylenes	13.8	0.0250	15.0		92.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.7*	*70-130*			
Matrix Spike (2351015-MS1)				**Source: E312115-01**					Prepared: 12/18/23 Analyzed: 12/18/23
Benzene	5.07	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.97	0.0250	5.00	ND	99.5	61-133			
Toluene	5.04	0.0250	5.00	ND	101	61-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.9*	*70-130*			
Matrix Spike Dup (2351015-MSD1)				**Source: E312115-01**					Prepared: 12/18/23 Analyzed: 12/18/23
Benzene	4.94	0.0250	5.00	ND	98.7	54-133	2.70	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	61-133	2.25	20	
Toluene	4.93	0.0250	5.00	ND	98.5	61-130	2.36	20	
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	2.36	20	
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	63-131	2.14	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	2.21	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.34*		*8.00*		*91.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

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 (2351015-BLK1)									Prepared: 12/18/23 Analyzed: 12/18/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.4*	*70-130*			
LCS (2351015-BS2)									Prepared: 12/18/23 Analyzed: 12/18/23
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0		80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			
Matrix Spike (2351015-MS2)				**Source: E312115-01**					Prepared: 12/18/23 Analyzed: 12/18/23
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0	ND	85.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2351015-MSD2)				**Source: E312115-01**					Prepared: 12/18/23 Analyzed: 12/18/23
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	ND	80.6	70-130	6.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

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 (2351012-BLK1)									Prepared: 12/18/23 Analyzed: 12/18/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.2*		*50.0*		*88.3*	*50-200*			
LCS (2351012-BS1)									Prepared: 12/18/23 Analyzed: 12/18/23
Diesel Range Organics (C10-C28)	226	25.0	250		90.3	38-132			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.3*	*50-200*			
Matrix Spike (2351012-MS1)				**Source: E312115-01**					Prepared: 12/18/23 Analyzed: 12/18/23
Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.3	38-132			
Surrogate: n-Nonane	*45.1*		*50.0*		*90.1*	*50-200*			
Matrix Spike Dup (2351012-MSD1)				**Source: E312115-01**					Prepared: 12/18/23 Analyzed: 12/18/23
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.6	38-132	1.38	20	
Surrogate: n-Nonane	*45.5*		*50.0*		*91.0*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 906H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/2023 1:51:10PM

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 (2351022-BLK1)									Prepared: 12/18/23 Analyzed: 12/18/23
Chloride	ND	20.0							
LCS (2351022-BS1)									Prepared: 12/18/23 Analyzed: 12/18/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2351022-MS1)				**Source: E312114-05**					Prepared: 12/18/23 Analyzed: 12/18/23
Chloride	472	100	250	194	111	80-120			
Matrix Spike Dup (2351022-MSD1)				**Source: E312114-05**					Prepared: 12/18/23 Analyzed: 12/18/23
Chloride	440	100	250	194	98.1	80-120	7.02	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 Unit 906H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/19/23 13:51

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 2

Client:	Tap Rock
Project:	Jackson Unit 001H
Project Manager:	N. Gladden
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# E312115 | Job Number 20046C0001

TAT: 1D | 2D | 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
	12/14/23	S	1	SPCom 1-8'	1	2	
				SPCom 2-8'	2		
				SPCom 3-14'	3		
				SPCom 4-2'	4		
				SPCom 5-10'	5		
				SwCom 1-8'	6		
				SwCom 2-8'	7		
				SwCom 3-14'	8		
				SwCom 4-2'	9		
	12/14/23	S	1	SwCom 5-10'	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 K 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 Alvarez	12.15.23	1215		12.15.23	1215
	12.15.23	1500		12/18/23	730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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: Jackson Unit 006H
Project Manager: N. Gladden
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# E312115
Job Number 2004600001

TAT: 1D | 2D | 2D | 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
	12/14/23	S	1	SW COM 6-10'	11	P	

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 L 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 L Alvarez	12.15.23	1215		12.15.23	1215
	12.15.23	1500		12/18/23	730

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: 12/18/2023 8:20:03AM

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:	12/18/23 07:30	Work Order ID:	E312115
Phone:	(575) 390-6397	Date Logged In:	12/18/23 08:18	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	12/19/23 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?	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

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

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.

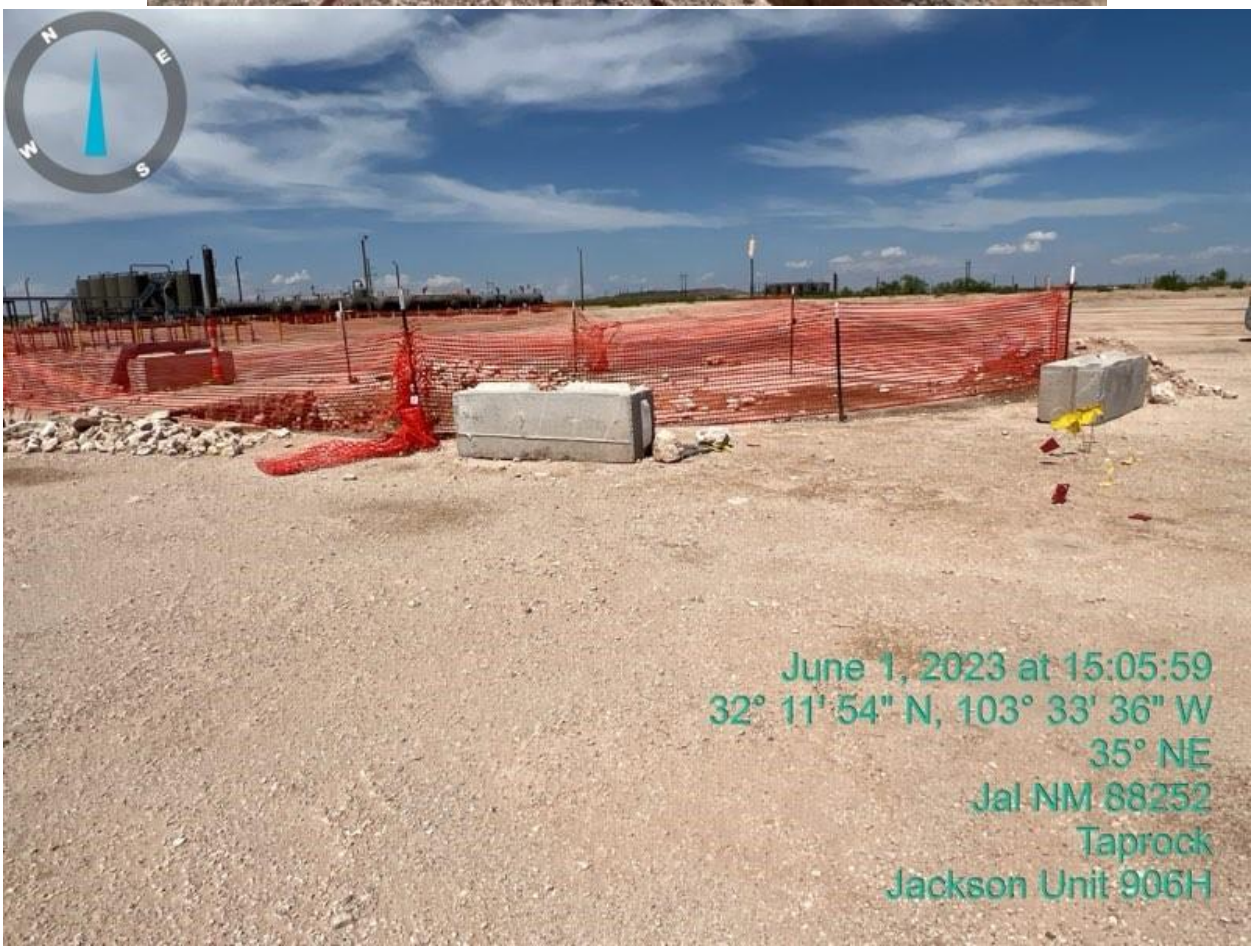
PROMETHEUS CTB PAD D

REMEDIATION SITE PHOTOS


1/29/2024 10:59
Altitude: 1086.3meter
Speed:0.1km/h
Taprock
Jackson 206H
Backfill and final pics


Taprock
Jackson 206H
Backfill and final pics


1/29/2024 10:44
Altitude 1084.3meter
Speed 3.6km/h
Taprock
Jackson 206H
Backfill and final pics


N
E
S
W
June 1, 2023 at 15:05:59
32° 11' 54" N, 103° 33' 36" W
35° NE
Jal NM 88252
Taprock
Jackson Unit 906H


S
E
W
N
DO NOT
BACK FILL
June 1, 2023 at 15:05:10
32° 11' 55" N, 103° 33' 35" W
188° S
Jal NM 88252
Taprock
Jackson Unit 90611


E
N
S
W
June 1, 2023 at 15:05:39
32° 11' 55" N, 103° 33' 36" W
95° E
Jal NM 88252
Taprock
Jackson Unit 906H


June 1, 2023 at 15:04:37
32° 11' 54" N, 103° 33' 35" W
302° NW
Jal NM 88252
Taprock
Jackson Unit 906H

PROMETHEUS CTB PAD D

FINAL SITE PHOTOS


WGS84 32.19857,
±15ft -103.55991
ft
±12ft 3558
°,T
±11 S184
25Jun24 09:30 Ad-hoc TAPROCK PROMETHEUS 136H
Jal NM 88252, United States 25-Jun-24 09:30:05


WGS84 32.19825,
±16ft -103.55998
ft
±11ft 3558
°,T
±12 NW332
25Jun24 09:30 Ad-hoc TAPROCK PROMETHEUS 136H
Jal NM 88252, United States 25-Jun-24 09:30:44


WGS84 32.19824,
±16ft -103.55982
ft
±11ft 3557
°,T
±11 NW341
25Jun24 09:31 Ad-hoc TAPROCK PROMETHEUS 136H
Jal NM 88252, United States 25-Jun-24 09:31:04

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 368251

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 368251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2312327651**
Incident Name	**NAPP2312327651 PROMETHEUS STATE COM #136H @ 30-025-48763**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-48763] JACKSON UNIT #906H**
Incident Facility	**[fAPP2213858184] Prometheus D CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PROMETHEUS STATE COM #136H
Date Release Discovered	04/26/2023
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: 16 BBL | Recovered: 0 BBL | Lost: 16 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.*

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QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 368251
	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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: 07/30/2024

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QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 368251
	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)	6750
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	100400
GRO+DRO (EPA SW-846 Method 8015M)	79771
BTEX (EPA SW-846 Method 8021B or 8260B)	102
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	12/13/2023
On what date will (or did) the final sampling or liner inspection occur	12/14/2023
On what date will (or was) the remediation complete(d)	01/29/2024
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	991
What is the estimated volume (in cubic yards) that will be remediated	250
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)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 368251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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: 07/30/2024
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: 368251
	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)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 368251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**293093**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/14/2023**
What was the (estimated) number of samples that were to be gathered	**7**
What was the sampling surface area in square feet	**526**

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	991
What was the total volume (cubic yards) remediated	294
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 of the impacted areas were excavated and hauled off to Owl. The impact area was on the well pad, no pasture areas affected.

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.

I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 07/30/2024

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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: 368251
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 368251

CONDITIONS

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	Action Number: 368251
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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/10/2024