JACKSON UNIT #018H
CLOSURE REQUEST

API NO. 30-025-40974
LEGALS: UNIT/L M, SECTION 21, TOWNSHIP 24S, RANGE 33E
LEA COUNTY, NM

DATE OF RELEASE: 1/7/2022
INCIDENT NO. NAPP2201032580

April 11, 2022

PREPARED BY:

2724 NW COUNTY ROAD

HOBBS, NM 88240

575-393-9048

April 11, 2022

New Mexico Energy, Minerals & Natural Resources
NMOCD District I
C/O Mike Bratcher, Robert Hamlet & Chad Hensley
1625 N. French Drive
Hobbs, NM 88240

Tap Rock Operating, LLC
C/O Christian Combs
523 Park Point Drive
Golden, CO 80401

Subject: Closure Request for Tap Rock Operating – Jackson Unit #018H

API No. 30-025-40974
Incident ID No. NAPP2201032580
Unit Letter M, Section 21, Township 24S, Range 33E
Lea County, New Mexico

To Whom it May Concern:

Tap Rock Operating has retained Energy Staffing Services (ESS), to conduct a spill assessment, delineation and remediation for the Jackson Unit #018H (hereafter referred to as the "Jackson") for the condensate release that occurred on January 7th, 2022. ESS provided the immediate notification of the release to the New Mexico Oil Conservation Division (NMOCD), District I office, via email on January 8th, of 2022 at 4:33 p.m. (notification attached). On behalf of Tap Rock Operating, ESS also submitted the initial C141 Release Notification, along with the spill calculator form used to determine the volume of the release (attached) on January 10th, 2022. The NMOCD accepted the initial C141 as record on same said date and assigned the NMOCD Incident ID Number of NAPP22001032580 to this release (attached).

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

Incident Description

On January 7th, 2022, at approximately 4 p.m., a release was found at the Jackson and occurred due to a malfunction in the flare. The fluid was released out of the top of the flare. Production was immediately shut in so that issues could be repaired. A vac truck was dispatched out to recover the standing fluids. The standing fluids were found in the bermed area around the flare and the remaining fluids were sprayed out into the pasture area.

ESS was notified immediately to conduct a full site assessment of the release. Upon arrival, the spill area was mapped out and initial site photos were obtained. The recovery of the fluids was inspected and verified. With using the square footage of the release and volumes recovered, Tap Rocks lost production was entered into the Spill Calculator Worksheet. An approximate total of 6.04bbls of condensate was released and 1.5bbls of condensate was recovered via vacuum truck. The impacted area was measured as 4,588 sq. ft.

The next day another leak was found due to the flare, this site was inspected and reviewed by ESS and the second release measured 992 sq. ft., this release overlapped the release that was reported on January 7th. This release was a spray only, no standing fluid was observed. Due to the releases overlapping each other, both were combined in the remediation efforts.

Site Characterization

The release at the Jackson occurred on state land and is located at, latitude 32.1964378 and longitude -103.574113, 23.54 miles northwest of Jal, New Mexico. The legal description for the site is Unit Letter M, Section 21, Township 24 South and Range 33 East, in Lea County, New Mexico. The well was permitted as the Jackson Unit #018H. Please see the site map attached.

The Jackson consists of oil and gas production equipment, of which the well sits on an active well and production facility pad. The elevation of this pad sits at 3,534ft. This area historically, has been primarily dominated by little bluestem, sand bluestem, spike dropseed, other shrubs and perennial forbs. (Please see the attached Rangeland and Vegetation Classification information attached).

The *United States Department of Agriculture Natural Resources Conservation Services,* indicates that the soil type found in the area of the Jackson, consists of 100% Pyote and Maljamar fine sands. (Soil Map Attached). In the area of the Jackson the *FEMA National Flood Hazard Layer,* indicates that there is 0.2% annual chance of a flood hazard in this area (see map attached).

There is "low potential" for Karst Geology to be present near the Jackson 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 Jackson. This site is not near a continuously flowing watercourse and or lakebed within ½ mile from the release. No other critical or community features at the Jackson were found. (Attached Watercourse Map).

The nearest and most recent water well to the site according to the *New Mexico Office of the State Engineer* is C 04339 POD1, which is located 2,975' from the site and was drilled in 2019. The well was drilled to 47' but does not have any viable groundwater information. C 04339 POD8 is located 3,019' from the site and was drilled in 2019, depth of the well is documented to be 30'bgs but does not have viable groundwater information. C 04339 POD7, is 3057' from the site, drilled in 2019 to a depth of 43'bgs but again does not have any viable groundwater data. An extended groundwater search was conducted using the *OSE POD Location Mapping System* and it has been determined that, no well exist within a ½ a mile radius of the Jackson release. Please find the NMOSE, OSE POD and the groundwater map attached to this report.

Closure Criteria Determination

The Closure Criteria for Soils impacted by a Release is shown in the below chart. No groundwater data was found within a ½ a mile radius from the release point, being on State Land and with having a "low karst potential, the site fell under <50' to ground water. 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 Jackson 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.*

The guidance 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 sample 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 Evaluation

On January 7th, ESS staff was dispatched out to the Jackson, to complete a site assessment of the release. Initial site photos were obtained, and the following information was found:

- The release from the flare had sprayed from the northwest corner where the flare was located and sprayed northwest away from the production facility.
- Pooling of released fluids were only found around the base of the flare itself, leaving the remainder of the impacted area to be a spray of fluids across the pasture area.
- No fluid entered any road area or surface water playa, lakes or other watercourses.
- Vac Trucks were on site to recover all standing fluids.
- The impacted area from both releases onto the surface of the pasture area measured 5,580 sq. ft.

- Crews were onsite to check the flare and to shut in production until the flare was repaired.

Please see the initial photos of the release attached to this report.

On January 8th, ESS crews pressure washed the flare and lines surrounding the release area. On January 18th, ESS staff mapped out the sample point placements for the delineation process and obtained surface samples, field assessed and submitted to Envirotech Laboratories for confirmation. A total of 12 vertical sample points were placed, mapped and GPS'd. Below you will find the confirmed surface sample analysis:

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	>4000	HIGH	ND	ND	1090	462	1552	8990
SP2	SURF	>4000	LOW	ND	ND	34.5	ND	34.5	7570
SP3	SURF	2080	HIGH	ND	ND	2000	738	2738	1940
SP4	SURF	320	HIGH	ND	ND	304	150	454	273
SP5	SURF	160	HIGH	ND	ND	159	97.1	256.1	76
SP6	SURF	160	HIGH	ND	ND	801	327	1128	47.7
SP7	SURF	40	LOW	ND	ND	32.8	ND	32.8	ND
SP8	SURF	20	LOW	ND	ND	29.6	ND	29.6	ND
SP9	SURF	40	HIGH	ND	ND	87.2	ND	87.2	37.5
SP10	SURF	40	LOW	ND	ND	63.1	ND	63.1	31.4
SP11	SURF	20	HIGH	ND	ND	131	ND	131	ND
SP12	SURF	>4000	HIGH	23.7	228	23700	6380	30308	930

On March 15th, ESS crews began to fully delineate the site both vertically and horizontally by use of backhoe and hand auger. Samples were obtained and field assessed. Once the bottom holes were clear of contaminates, samples were jarred and submitted to the lab for analysis. Please find the complete vertical and horizontal delineation data along with the lab analysis:

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURFACE	>4000		ND	ND	1090	462	1552	8990
	1	2280							
	3	240							
	5	80		ND	ND	ND	ND	ND	63.6
SP2	SURFACE	>4000		ND	ND	34.5	ND	34.5	7570
	1	960							
	3	80							
	5	20		ND	ND	ND	ND	ND	ND
SP3	SURFACE	2080		ND	ND	2000	738	2738	1940

	2	80							
	4	ND		ND	ND	ND	ND	ND	ND
SP4	SURFACE	320		ND	ND	304	150	454	273
	2	80							
	4	ND		ND	ND	ND	ND	ND	ND
SP5	SURFACE	160		ND	ND	159	97.1	256.1	76
	2	80							
	4	20		ND	ND	ND	ND	ND	ND
SP6	SURFACE	160		ND	ND	801	327	1128	47.7
	1	240							
	3	80							
	5	40		ND	ND	ND	ND	ND	24
SP7	SURFACE	40		ND	ND	32.8	ND	32.8	ND
	2	80							
	4	960							
	6	480							
	8	240							
	10	20		ND	ND	ND	ND	ND	25.6
SP8	SURFACE	20		ND	ND	29.6	ND	29.6	ND
	2	480							
	4	20		ND	ND	ND	ND	ND	23.3
SP9	SURFACE	40		ND	ND	87.2	ND	87.2	37.5
	2	80							
	4	320							
	6	720							
	8	480							
	10	ND		ND	ND	ND	ND	ND	ND
SP10	SURFACE	40		ND	ND	63.1	ND	63.1	31.4
	2	20							
	4	20		ND	ND	ND	ND	ND	ND
SP11	SURFACE	20		ND	ND	131	ND	131	ND
	2	480							
	4	ND		ND	ND	ND	ND	ND	ND

SP12	SURFACE	>4000		23.7	228	23700	6380	30308	930
	1	2000							
	3	80							
	5	40		ND	ND	ND	ND	ND	33.5
SW1	SURFACE	160		ND	ND	107	119	226	157
	1	80							
	2	ND		ND	ND	ND	ND	ND	ND
SW2	SURFACE	40		ND	ND	ND	ND	ND	25.2
	1	80							
	2	ND		ND	ND	ND	ND	ND	ND
SW3	SURFACE	80		ND	ND	ND	ND	ND	ND
	1	80							
	2	ND		ND	ND	ND	ND	ND	ND
SW4	SURFACE	140		ND	ND	72.1	62	134.1	ND
	1	200							
	2	200		ND	ND	ND	ND	ND	235
SW5	SURFACE	100		ND	ND	ND	ND	ND	78.7
	1	980							
	2	2500		ND	ND	ND	ND	ND	2340
	3	2000							
	4	800							
	5	720							
	6	400							
	7	200		ND	ND	ND	ND	ND	166
SW6	SURFACE	460		ND	ND	ND	ND	ND	420
	2	80							
	4	ND		ND	ND	ND	ND	ND	ND
SW7	SURFACE	1400		ND	ND	91.2	63	154.2	1370
	2	80							
	4	20		ND	ND	ND	ND	ND	ND
SW8	SURFACE	240		ND	ND	63.1	70.7	133.8	216
	2	80							

	4	20		ND	ND	ND	ND	ND	ND
SW9	SURFACE	100		ND	ND	109	144	253	96.2
	1'	80							
	2'	20		ND	ND	ND	ND	ND	ND
SW10	SURFACE	160		ND	ND	32.1	ND	32.1	98.6
	2	80							
	4	80		ND	ND	31.3	ND	31.3	57.7
SW11	SURF	160		0.2622	ND	50.5	ND	50.5	125
	2	80							
	4	20		ND	ND	ND	ND	ND	ND

On March 28th, ESS crews began the remediation phase of this project. Excavation depths ranged from 1'bgs to 8'bgs. A total of 840 cubic yards of contaminated soil was excavated and hauled to Owl Disposal. Approximately 940 cubic yards of topsoil was purchased and hauled in from a local NGL pit and was stockpiled for backfill on the Jackson Unit 18H location until composite samples were obtained.

On March 30th, 2022, an email was sent to the NMOCD for the documented notification that the composite samples would be underway within 48 hours of the email date. ESS began to obtain five-point composites, field test, jar and submit to Envirotech Laboratories for confirmation. Below you will find the final composite sample lab analysis data from bottom hole and sidewall composites. (Please see full sample log, attached to this report).

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
COMP 1	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 2	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 3	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 4	2'	20	ND	ND	ND	ND	ND	ND	ND
COMP 5	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 6	3'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 7	3'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 8	3'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 9	3'	20	ND	ND	ND	ND	ND	ND	ND
COMP 10	3'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 11	3'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 12	6'	60	ND	ND	ND	ND	ND	ND	43.8
COMP 13	3'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 14	2'	60	ND	ND	ND	ND	ND	ND	52.8
COMP 15	2'	40	ND	ND	ND	ND	ND	ND	41.9

COMP 16	2'	40	ND	ND	ND	ND	ND	ND	31.3
COMP 17	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 18	2'	40	ND	ND	ND	ND	ND	ND	29
COMP 19	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 20	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 21	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 22	2'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 23	2'	80	LOW	ND	ND	26.1	ND	26.1	59
COMP 24	6'	20	ND	ND	ND	ND	ND	ND	23
COMP 25	4'	40	ND	ND	ND	ND	ND	ND	38.7
COMP 26	4'	20	ND	ND	ND	ND	ND	ND	21.1
COMP 27	8'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 28	6'	100	ND	ND	ND	ND	ND	ND	82.6
COMP 29	4'	ND	ND	ND	ND	ND	ND	ND	ND
COMP 30	4'	120	ND	ND	ND	ND	ND	ND	113
SW COMP1		ND	ND	ND	ND	ND	ND	ND	ND
SW COMP2		ND	ND	ND	ND	ND	ND	ND	ND
SW COMP3		200	ND	ND	ND	ND	ND	ND	181
SW COMP4		20	ND	ND	ND	ND	ND	ND	ND
SW COMP5		40	ND	ND	ND	ND	ND	ND	25.1
SW COMP6		40	ND	ND	ND	ND	ND	ND	30.1
SW COMP7		400	ND	ND	ND	ND	ND	ND	365
SW COMP8		80	ND	ND	ND	ND	ND	ND	61.1
SW COMP9		160	ND	ND	ND	ND	ND	ND	148
SW COMP10		60	ND	ND	ND	ND	ND	ND	61.4

Once the excavation was completed, a Geo Measure was completed, showing the excavation was 5,982 sq. ft. When ESS received the confirmed lab analysis for the composite sampling, backfilling of the site began. A total of 940 cubic yards of topsoil was purchased, the pasture area was compacted and leveled. A berm was constructed around the flare to prevent future releases from entering the pasture area. The area around the flare and production lines were backfilled by use of shovel, so that production equipment was not compromised during the backfill process.

Closure Request

On behalf of Tap Rock, ESS requests that this incident (NAPP22001032580), be closed for the release that occurred on the pasture area of the Jackson. Tap Rock and ESS certifies that all the information provided and that is detailed in this report, is true and correct and we have followed all applicable closure requirements for the release that occurred on the Jackson Unit #018H.

After review of this report if you have any questions or concerns, 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
Office: 575-393-9048
Cell: 575-390-6397
Email: natalie@energystaffingllc.com

Attachments:

- Spill Notification Email
- Initial C141
- Spill Calculator Sheet
- NMOCD Approved C141 Email
- Site Map
- Impact Map
- Rangeland and Vegetation Classification
- Soil Map
- Flood Map
- Karst Map
- Watercourse Map
- Groundwater Data and Groundwater Map
- OSE Groundwater Map
- Initial Site Photos
- Delineation Map

Attachments Continued:
Delineation Sample Data and Sample GPS
OCD Email – Composite Notification
Composite Sample Data and Sample GPS
Composite Map
Lab Analysis
Remediation and Final Photos
Final C141

Natalie Gladden

From: natalie@energystaffingllc.com
Sent: Saturday, January 8, 2022 4:33 PM
To: 'ocdonline, emnrd, EMNRD'; Bratcher, Mike, EMNRD; 'Hensley, Chad, EMNRD'; robert.hamlet@state.nm.us
Cc: 'Christian Combs'; 'Bill Ramsey'; dakoatah@energystaffingllc.com
Subject: Tap Rock - Jackson Unit #018H - Spill Notification

Importance: High

All,

On behalf of Tap Rock, ESS would like to report the following release:

Jackson Unit #018H
API No. 30-025-40974
M-21-24S-33E
Lea County NM
DOR: 1/07/2022
Cause of Release: A malfunction in the flare occurred causing the fluid to release out the top of the flare. Production was immediately shut off and repairs were made. Approximately 1.5bbls of fluid was released in the flare berm and a vacuum truck was dispatched. The release also caused a spray to occur in the pasture area. The vacuum truck recovered approximately one-bbl of fluid. The site was assessed and due to the measurements it is estimated that approximately 6.04bbls was release. The spill calculation sheet as well as the initial C141 will be uploaded to the OCD Portal.

Please retain this email, as the initial notification of the release. Sincerely,

Natalie Gladden

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

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**	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 **32.1964378** Longitude **-103.583313**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name **JACKSON UNIT #018H**	Site Type **PRODUCTION**
Date Release Discovered **01/07/2022**	API# *(if applicable)* ***30-025-40974***

Unit Letter	Section	Township	Range	County
M	**21**	**24S**	**33E**	**LEA COUNTY**

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☒ Condensate	Volume Released (bbls) **6.04BBLS**	Volume Recovered (bbls) **1.5BBLS**
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A malfunction in the flare occurred causing the fluid to be released out of the top of the flare. Production was immediately shit in so that issues could be repaired. A vac truck was dispatched out to recover standing fluids. The standing fluids were found in the bermed area around the flare and the remaining fluids were sprayed out into the pasture area.

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)? **An email was sent to the OCD online email, to Mike Bratcher, Chad Hensley and Robert Hamlet on 1/8/22 at 4:33pm.**	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

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

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

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

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

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

Signature: Natalie Gladden Date: **1/10/2022**

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	255	10	0.083	211.65	6.04	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	10	10	0.083	8.3	0.30	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)

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Monday, January 10, 2022 9:03 AM
To: natalie@energystaffingllc.com
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 71189

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#) nAPP2201032580, 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 nAPP2201032580, 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

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Monday, January 10, 2022 9:32 AM
To: natalie@energystaffingllc.com
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 71191

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2201032580,
with the following conditions:

- **None**

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

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

Thank you,
Ramona Marcus
Program Coordinator I
505-470-3044
Ramona.Marcus@state.nm.us

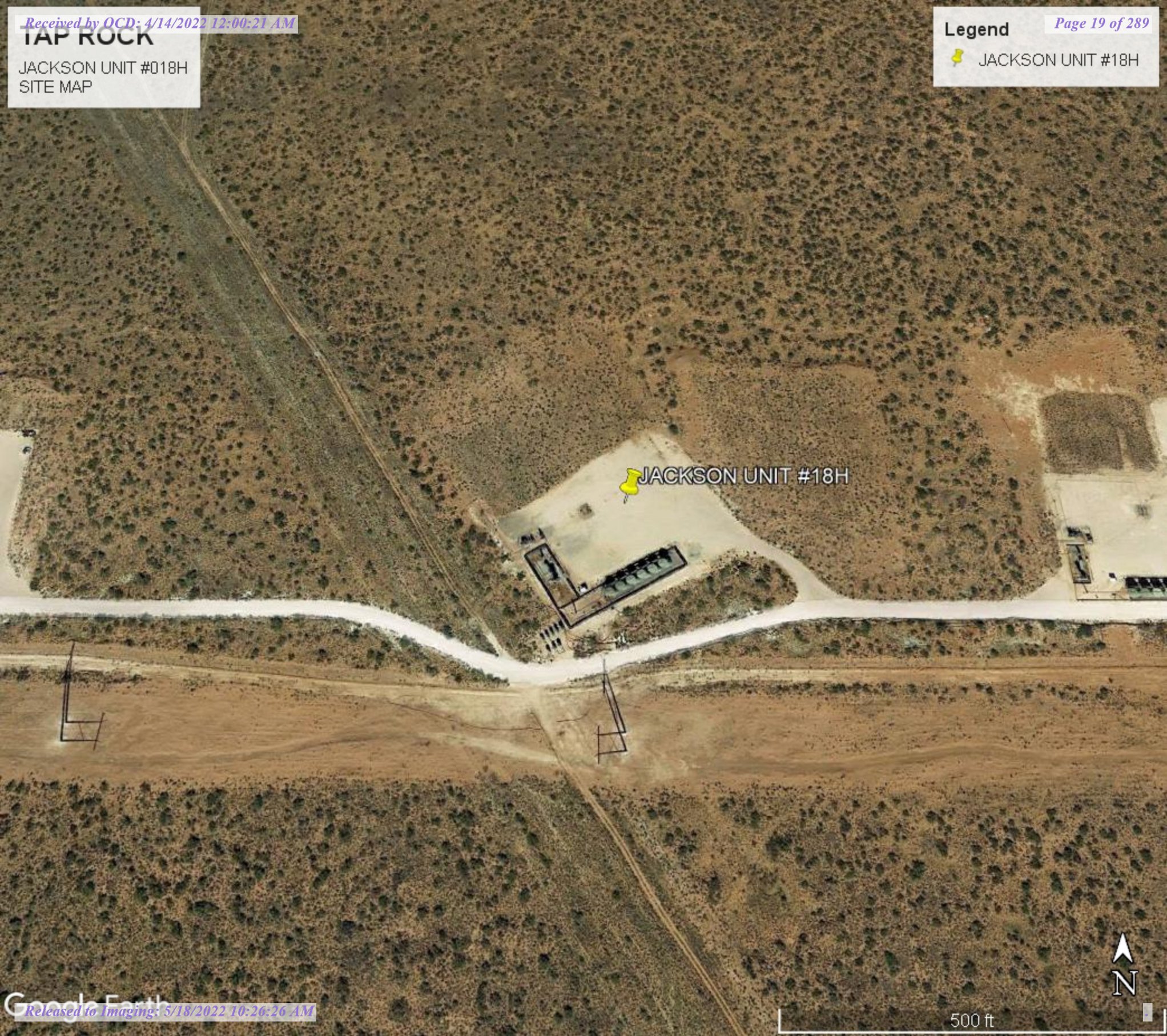
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

TAP ROCK

JACKSON UNIT #018H
SITE MAP

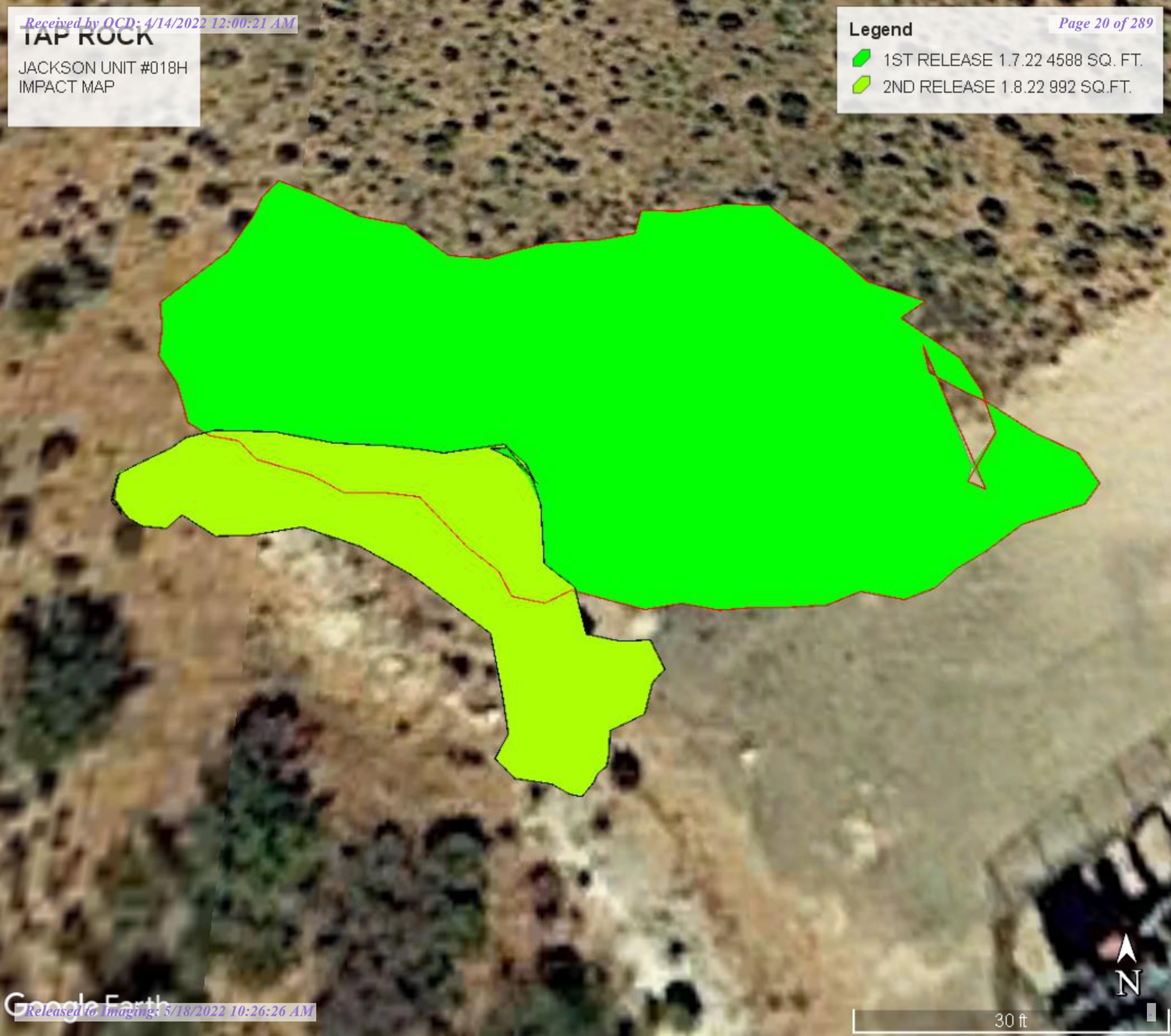
Legend

JACKSON UNIT #18H



TAP ROCK

JACKSON UNIT #018H
IMPACT MAP



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*	
PU—Pyote and Maljamar fine sands								

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
Pyote	Loamy Sand (R042XC003NM)	2,000	1,500	1,000	little bluestem	10		
					other shrubs	10		
					other perennial forbs	10		
					sand bluestem	10		
					spike dropseed	10		
					Arizona cottontop	5		
					black grama	5		
					bush muhly	5		
					cane bluestem	5		
					giant dropseed	5		
					hooded windmill grass	5		
					mesa dropseed	5		
					other perennial grasses	5		
					plains bristlegrass	5		
					sand dropseed	5		
Maljamar	Loamy Sand (R042XC003NM)	1,800	—	650	black grama	15		
					other perennial forbs	15		
					dropseed	10		
					little bluestem	10		
					other perennial grasses	10		
					plains bristlegrass	10		
					bush muhly	5		
					cane bluestem	5		
					fall witchgrass	5		
					Havard's oak	5		
					other shrubs	5		
					sand sagebrush	5		

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

Soil Map—Lea County, New Mexico
(JACKSON UNIT 18H)

Soil Map—Lea County, New Mexico
(JACKSON UNIT 18H)

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 18, Sep 10, 2021

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
PU	Pyote and Maljamar fine sands	6.2	100.0%
Totals for Area of Interest		**6.2**	**100.0%**

National Flood Hazard Layer FIRMette

FEMA

103°35'19"W 32°12'2"N

103°34'41"W 32°11'32"N

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

1:6,000

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

Legend

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

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

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

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

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

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

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

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

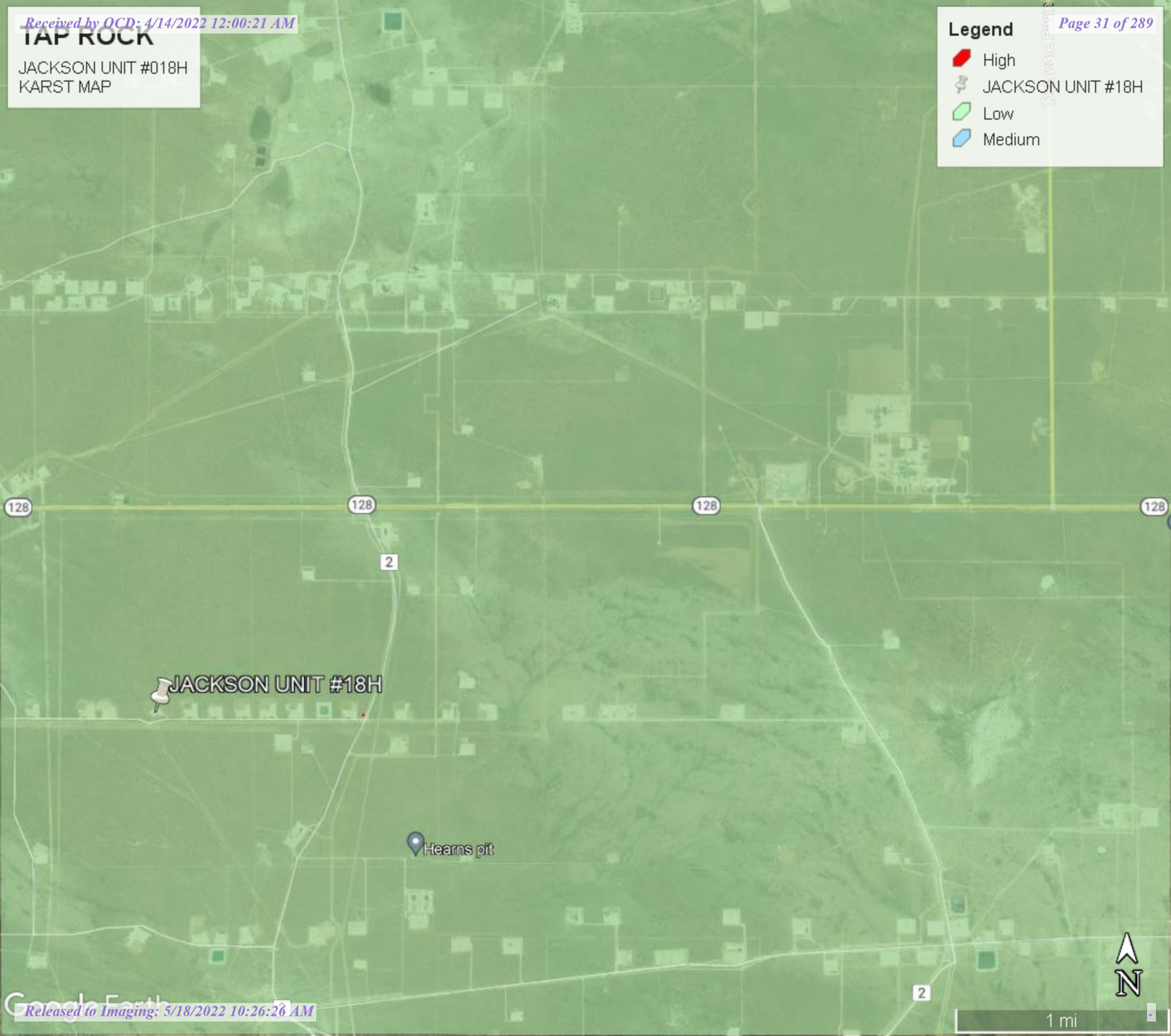
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/11/2022 at 8:42 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.

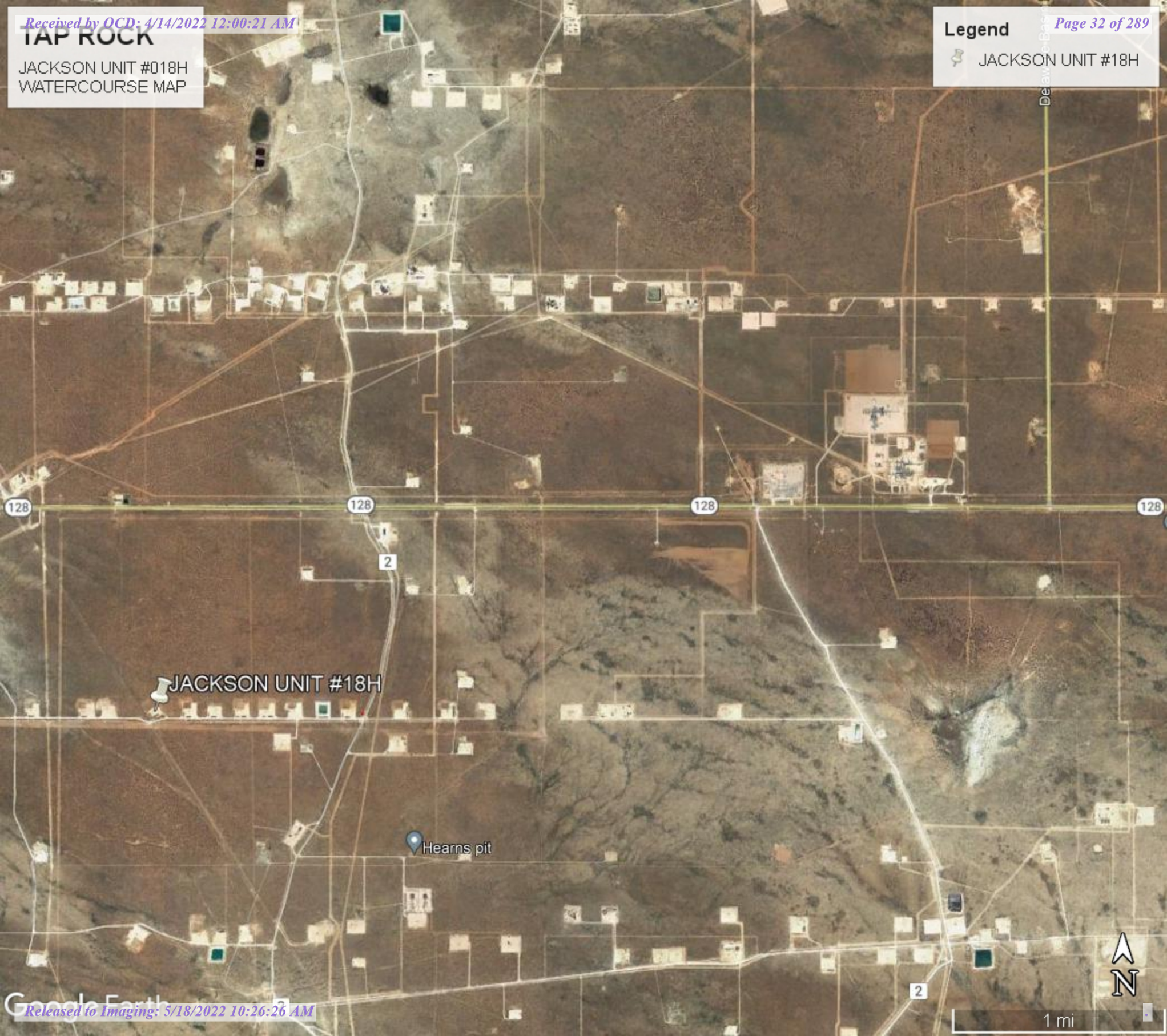
TAP ROCK

JACKSON UNIT #018H
KARST MAP



TAP ROCK

JACKSON UNIT #018H
WATERCOURSE MAP



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 633557.77 **Northing (Y):** 3563089.75 **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)

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD 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	2975	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	3019	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	3057	07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEG..TY"ENER	1575
C 03600 POD4		CUB	LE	Shallow	3	3	1	26	24S	33E	636617	3562293	3161	01/08/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
C 03565 POD8		CUB	LE			4	1	15	24S	33E	635485	3565610	3172			04/02/2013				
C 04339 POD2		CUB	LE		2	3	3	23	24S	33E	636789	3563315	3239	08/06/2019	08/06/2019	08/22/2019			CURRIE, SHANEG..TY"ENER	1575
C 03600 POD7		CUB	LE	Shallow	3	1	3	26	24S	33E	636726	3561968	3360	01/08/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03565 POD9		CUB	LE			4	4	15	24S	33E	636430	3565005	3452			04/02/2013				
C 03565 POD3		CUB	LE			3	4	08	24S	33E	632763	3566546	3547	09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
C 03600 POD1		CUB	LE	Shallow	2	2	1	26	24S	33E	637275	3563023	3717	01/07/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD3		CUB	LE		2	4	3	23	24S	33E	637273	3563323	3722	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	3722	08/06/2019	08/07/2019	08/22/2019	47		CURRIE, SHANEG..TY"ENER	1575
C 03603 POD3		CUB	LE	Shallow	4	1	1	35	24S	33E	636890	3561092	3884	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD5		CUB	LE	Shallow	3	3	2	35	24S	33E	636745	3560767	3943	01/12/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD6		CUB	LE	Shallow	3	1	4	26	24S	33E	637383	3562026	3970	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD6		CUB	LE		3	1	2	23	24S	33E	637340	3564386	3998	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	4014	08/19/2013	08/20/2013	09/16/2013	550	110	JOHN SIRMAN	1654
C 04339 POD5		CUB	LE		2	3	4	23	24S	33E	637580	3563328	4029	08/06/2019	08/07/2019	08/22/2019	54		CURRIE, SHANEG..TY"ENER	1575
C 03603 POD6		CUB	LE	Shallow	3	1	3	35	24S	33E	636749	3560447	4143	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD10		CUB	LE		4	1	4	23	24S	33E	637688	3563503	4150	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	4253	08/01/2019	08/01/2019	08/22/2019	45		CURRIE, SHANEG..TY"ENER	1575
C 03603 POD2		CUB	LE	Shallow	3	1	2	35	24S	33E	637384	3561167	4282	01/11/2013	01/11/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD6		CUB	LE	Shallow	1	4	4	23	24S	33E	637834	3563338	4283	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD3		CUB	LE	Shallow	3	4	2	26	24S	33E	637784	3562340	4292	01/16/2013	01/16/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD2		CUB	LE	Shallow	3	2	4	23	24S	33E	637846	3563588	4317	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	4389	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD5		CUB	LE	Shallow	3	2	4	26	24S	33E	637857	3562020	4430	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186

C 03601 POD5	CUB	LE	Shallow	2	4	4	23	24S	33E	637988	3563334	4437	01/06/2013	01/06/2013	01/30/2013	RODNEY HAMMER	1186
C 03601 POD3	CUB	LE	Shallow	1	3	3	24	24S	33E	638142	3563413	4595	01/06/2013	01/06/2013	01/30/2013	RODNEY HAMMER	1186
C 03603 POD1	CUB	LE	Shallow	3	2	2	35	24S	33E	637805	3561225	4638	01/10/2013	01/10/2013	01/30/2013	RODNEY HAMMER	1186
C 03601 POD1	CUB	LE	Shallow	4	4	2	23	24S	33E	638124	3563937	4644	12/21/2012	12/21/2012	01/08/2013	RODNEY HAMMER	1186
C 03601 POD4	CUB	LE	Shallow	3	3	3	24	24S	33E	638162	3561375	4912	01/03/2013	01/04/2013	01/30/2013	RODNEY HAMMER	1186
C 03603 POD4	CUB	LE	Shallow	3	2	4	35	24S	33E	637789	3560461	4981	01/14/2013	01/14/2013	01/30/2013	RODNEY HAMMER	1186

Record Count: 33

UTMNAD83 Radius Search (in meters):

Easting (X): 633557.77 **Northing (Y):** 3563089.75 **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
	C 03565 POD8	4	1		15	24S	33E	635485	3565610

Driller License: **Driller Company:**

Driller Name:

Drill Start Date:	**Drill Finish Date:**	**Plug Date:**
Log File Date: 04/02/2013	**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:** ENVIRO-DRILL, INC.

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:**

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 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
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 POD8	1	1	3	23	24S	33E	636519	3563681

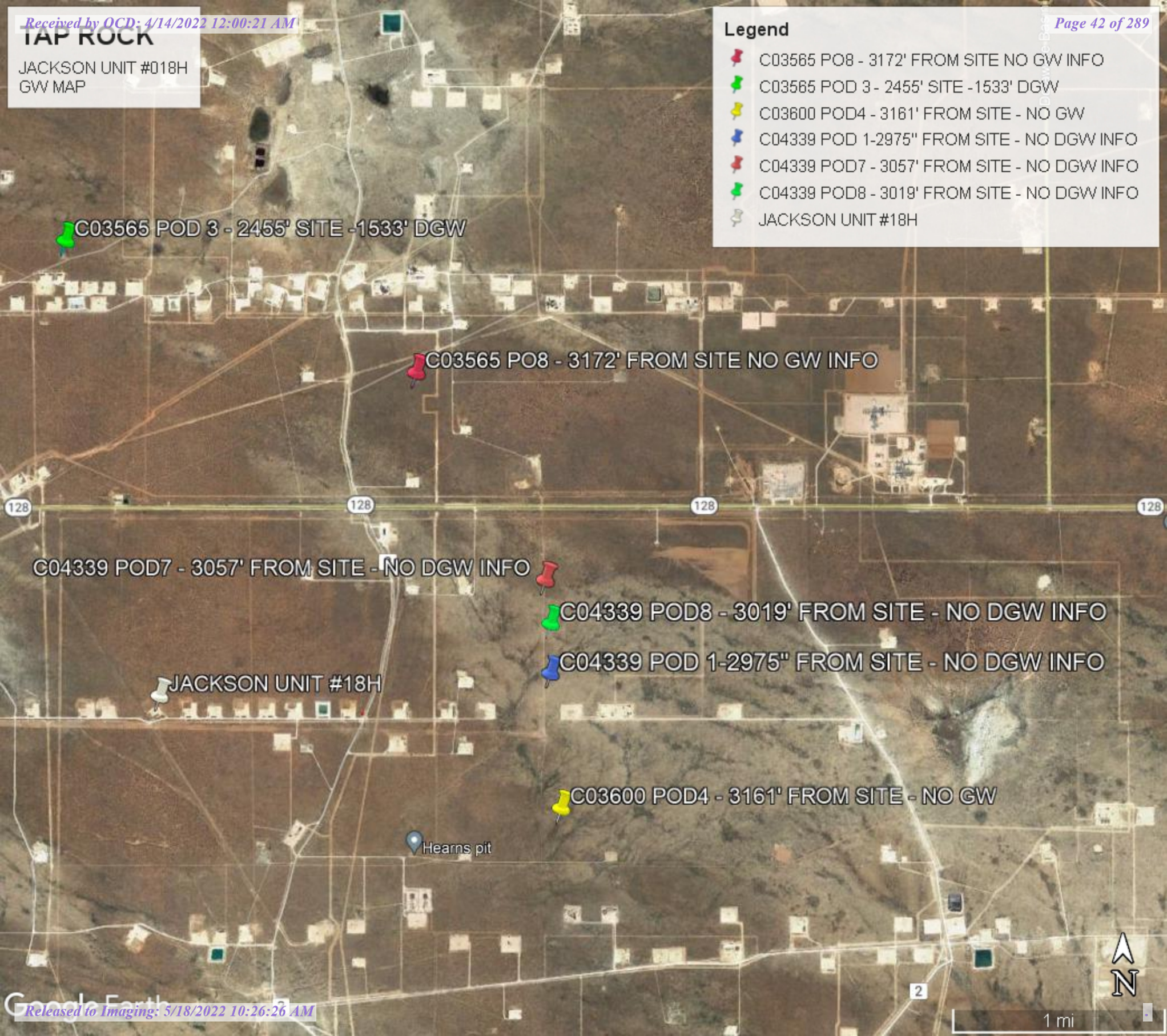
Driller License: 1575 **Driller Company:** CURRIE DRILLING COMPANY, INC

Driller Name: CURRIE, SHANEG..TY"ENER

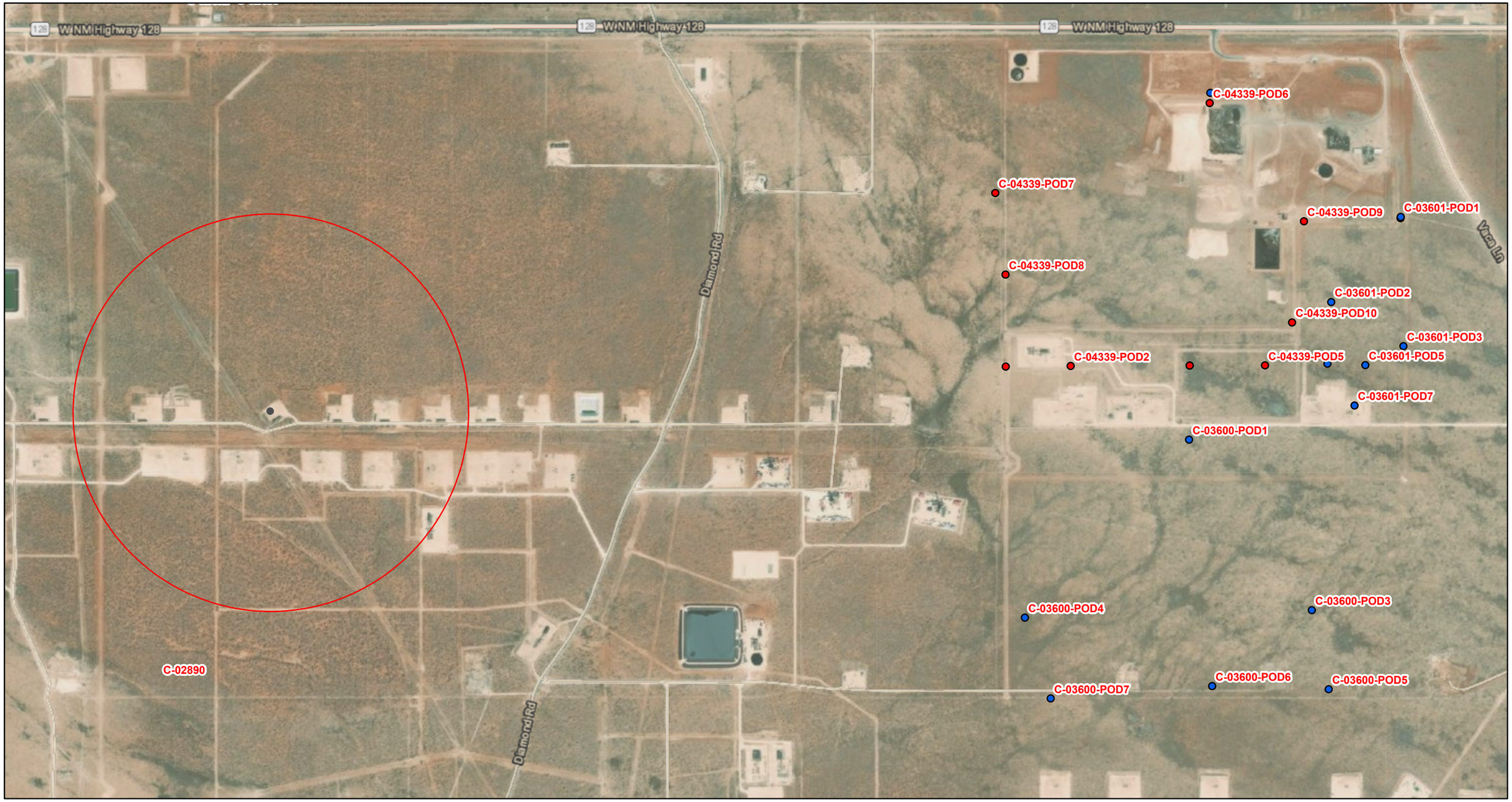
Drill Start Date:	07/31/2019	**Drill Finish Date:**	07/31/2019	**Plug Date:**	07/31/2019
Log File Date:	08/22/2019	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	30 feet	**Depth Water:**	

TAP ROCK

JACKSON UNIT #018H
GW MAP



OSE POD Locations Map



4/11/2022, 6:25:22 PM

1:18,056

GIS WATERS PODs
- Active
- Pending
- Plugged
- OSE District Boundary

Water Right Regulations
- Closure Area
- SiteBoundaries

0 0.17 0.35 0.7 mi
0 0.3 0.6 1.2 km

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Unofficial Online Map
These maps are distributed “as is” without warranty of any kind.

JACKSON UNIT #018H
INITIAL SITE PHOTOS


NE
E
SE
S
30
60
90
120
150
180
102°E (T) 32°11'47"N, 103°35'2"W ±78ft 3536ft
Jan 08 2022, 15:26:05


North Elevation
178°S (T) 32°11'47"N, 103°35'1"W ±19ft 3537ft
Jan 08 2022, 15:20:17


North West Elevation
131°SE (T) 32°11'47"N, 103°35'2"W ±19ft 3536ft
Jan 08 2022, 15:19:55


North West Elevation
124°SE (T) 32°11'47"N, 103°35'2"W ±19ft ▲3536ft
Jan 08 2022, 15:19:50


South East Elevation
319°NW (T) 32°11'46"N, 103°35'1"W ±19ft ▲3515ft

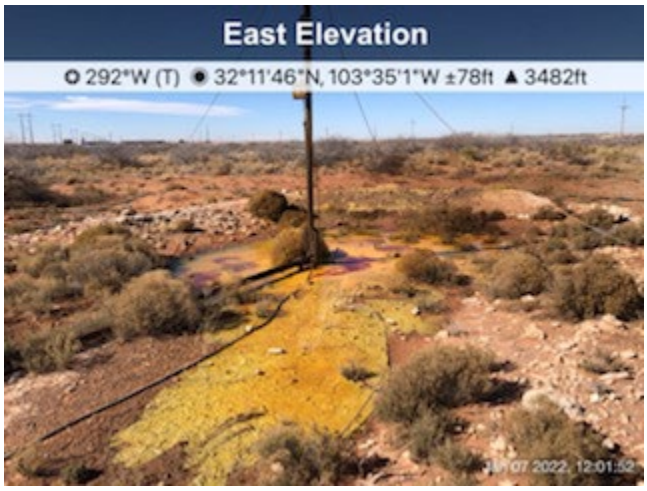

East Elevation
290°W (T) 32°11'46"N, 103°35'1"W ±19ft ▲3531ft


South East Elevation
306°NW (T) 32°11'47"N, 103°35'1"W ±78ft ▲ 3523ft


South East Elevation
304°NW (T) 32°11'45"N, 103°35'0"W ±19ft ▲ 3515ft


North Elevation
171°S (T) 32°11'46"N, 103°35'0"W ±3871ft ▲ 3548ft

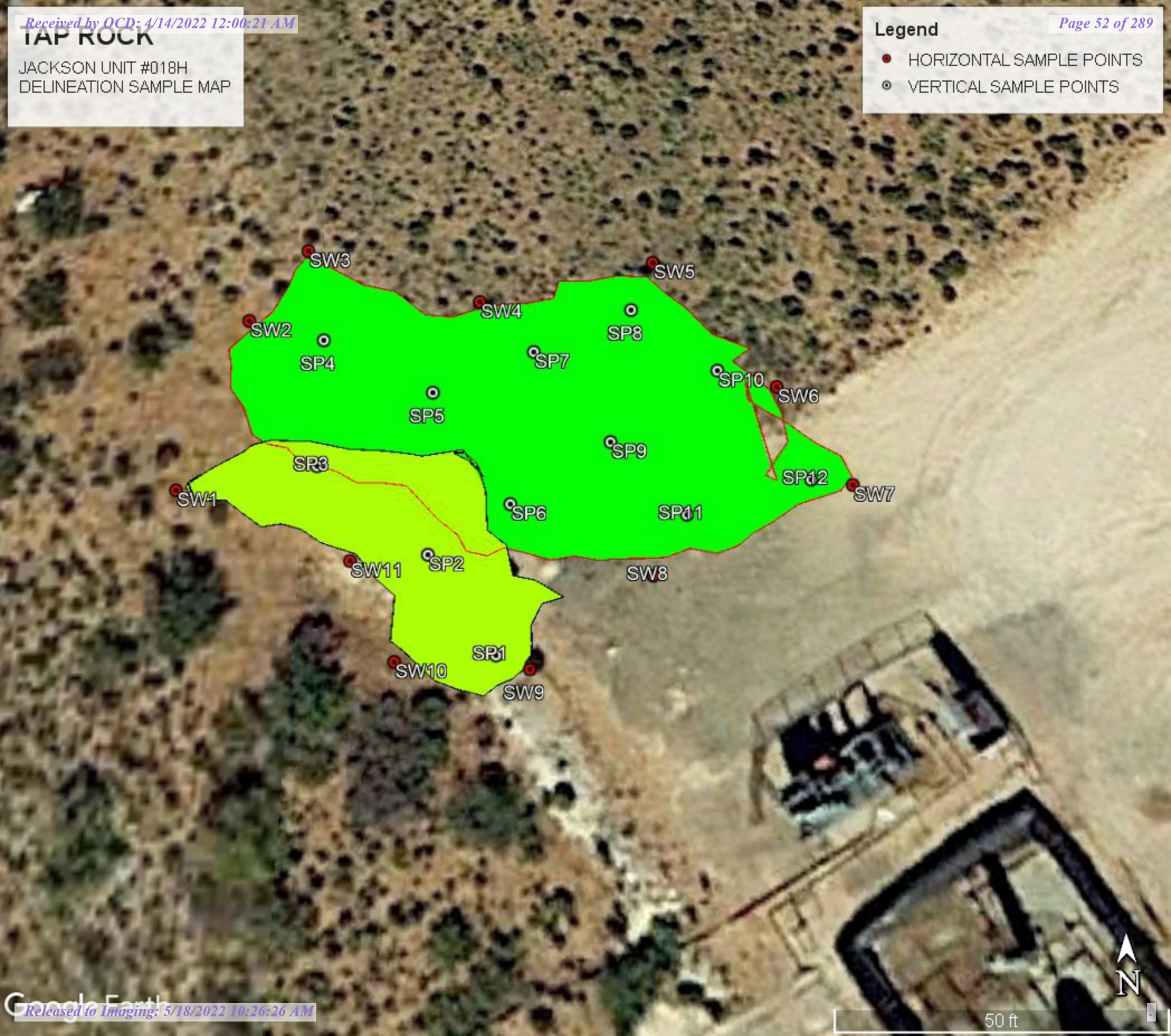

East Elevation
288°W (T) 32°11'47"N, 103°35'1"W ±26ft ▲ 3478ft
Jan 07 2022, 12:02:07


East Elevation
292°W (T) 32°11'46"N, 103°35'1"W ±78ft ▲ 3482ft
Jan 07 2022, 12:01:52


E
SE
S
SW
60
90
120
150
180
210
240
142°SE (T)
32°11'47"N, 103°35'2"W ±39ft
3536ft
Jan 08 2022 15:29:05

TAP ROCK

JACKSON UNIT #018H
DELINEATION SAMPLE MAP



Company Name: TAP RO(**Location Name:** JACKSON UNIT #18H **Release Date:** 1/7/2022

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURFACE	>4000		ND	ND	1090	462	1552	8990		
	1	2280									
	3	240									
	5	80		ND	ND	ND	ND	ND	63.6		
SP2	SURFACE	>4000		ND	ND	34.5	ND	34.5	7570		
	1	960									
	3	80									
	5	20		ND	ND	ND	ND	ND	ND		
SP3	SURFACE	2080		ND	ND	2000	738	2738	1940		
	2	80									
	4	ND		ND	ND	ND	ND	ND	ND		
SP4	SURFACE	320		ND	ND	304	150	454	273		
	2	80									
	4	ND		ND	ND	ND	ND	ND	ND		
SP5	SURFACE	160		ND	ND	159	97.1	256.1	76		
	2	80									
	4	20		ND	ND	ND	ND	ND	ND		
SP6	SURFACE	160		ND	ND	801	327	1128	47.7		
	1	240									
	3	80									
	5	40		ND	ND	ND	ND	ND	24		
SP7	SURFACE	40		ND	ND	32.8	ND	32.8	ND		
	2	80									
	4	960									
	6	480									

	8	240									
	10	20		ND	ND	ND	ND	**ND**	25.6		
SP8	SURFACE	20		ND	ND	29.6	ND	29.6	ND		
	2	480									
	4	20		ND	ND	ND	ND	ND	23.3		
SP9	SURFACE	40		ND	ND	87.2	ND	87.2	37.5		
	2	80									
	4	320									
	6	720									
	8	480									
	10	ND		ND	ND	ND	ND	ND	ND		
SP10	SURFACE	40		ND	ND	63.1	ND	63.1	31.4		
	2	20									
	4	20		ND	ND	ND	ND	ND	ND		
SP11	SURFACE	20		ND	ND	131	ND	131	ND		
	2	480									
	4	ND		ND	ND	ND	ND	ND	ND		
SP12	SURFACE	>4000		23.7	228	23700	6380	30308	930		
	1	2000									
	3	80									
	5	40		ND	ND	ND	ND	ND	33.5		
SW1	SURFACE	160		ND	ND	107	119	226	157		
	1	80									
	2	ND		ND	ND	ND	ND	ND	ND		
SW2	SURFACE	40		ND	ND	ND	ND	ND	25.2		
	1	80									
	2	ND		ND	ND	ND	ND	ND	ND		

SW3	SURFACE	80		ND	ND	ND	ND	ND	ND		
	1	80									
	2	ND		ND	ND	ND	ND	ND	ND		
SW4	SURFACE	140		ND	ND	72.1	62	134.1	ND		
	1	200									
	2	200		ND	ND	ND	ND	ND	235		
SW5	SURFACE	100		ND	ND	ND	ND	ND	78.7		
	1	980									
	2	2500		ND	ND	ND	ND	ND	2340		
	3	2000									
	4	800									
	5	720									
	6	400									
	7	200		ND	ND	ND	ND	ND	166		
SW6	SURFACE	460		ND	ND	ND	ND	ND	420		
	2	80									
	4	ND		ND	ND	ND	ND	ND	ND		
SW7	SURFACE	1400		ND	ND	91.2	63	154.2	1370		
	2	80									
	4	20		ND	ND	ND	ND	ND	ND		
SW8	SURFACE	240		ND	ND	63.1	70.7	133.8	216		
	2	80									
	4	20		ND	ND	ND	ND	ND	ND		
SW9	SURFACE	100		ND	ND	109	144	253	96.2		
	1'	80									
	2'	20		ND	ND	ND	ND	ND	ND		

SW10	SURFACE	160		ND	ND	32.1	ND	32.1	98.6		
	2	80									
	4	80		ND	ND	31.3	ND	31.3	57.7		
SW11	SURF	160		0.2622	ND	50.5	ND	50.5	125		
	2	80									
	4	20		ND	ND	ND	ND	ND	ND		

DELINEATION GPS DATA
TAPROCK - JACKSON UNIT #018H

SAMPLE ID	LAT	LONG
SP1	32.196343	-103.583795
SP2	32.196393	-103.583834
SP3	32.196440	-103.583901
SP4	32.196511	-103.583902
SP5	32.196479	-103.583834
SP6	32.196418	-103.583788
SP7	32.196501	-103.583774
SP8	32.196525	-103.583713
SP9	32.19645	-103.583729
SP10	32.196488	-103.583663
SP11	32.19641	-103.583686
SP12	32.196427	-103.583613
SW1	32.196429	-103.583982
SW2	32.196523	-103.583949
SW3	32.196566	-103.583916
SW4	32.196532	-103.583807
SW5	32.196546	-103.583705
SW6	32.196479	-103.583628
SW7	32.196424	-103.583589
SW8	32.19638	-103.583707
SW9	32.196336	-103.583777
SW10	32.196341	-103.583851
SW11	32.196391	-103.583878

Company Name: TAPROCK **Location Name:** JACKSON UNIT 18H **Release Date:** 1/7/2022

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
COMP 1	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 2	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 3	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 4	2'	20	ND	ND	ND	ND	ND	ND	ND		
COMP 5	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 6	3'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 7	3'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 8	3'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 9	3'	20	ND	ND	ND	ND	ND	ND	ND		
COMP 10	3'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 11	3'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 12	6'	60	ND	ND	ND	ND	ND	ND	43.8		
COMP 13	3'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 14	2'	60	ND	ND	ND	ND	ND	ND	52.8		
COMP 15	2'	40	ND	ND	ND	ND	ND	ND	41.9		
COMP 16	2'	40	ND	ND	ND	ND	ND	ND	31.3		
COMP 17	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 18	2'	40	ND	ND	ND	ND	ND	ND	29		
COMP 19	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 20	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 21	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 22	2'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 23	2'	80	LOW	ND	ND	26.1	ND	26.1	59		
COMP 24	6'	20	ND	ND	ND	ND	ND	ND	23		
COMP 25	4'	40	ND	ND	ND	ND	ND	ND	38.7		
COMP 26	4'	20	ND	ND	ND	ND	ND	ND	21.1		
COMP 27	8'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 28	6'	100	ND	ND	ND	ND	ND	ND	82.6		
COMP 29	4'	ND	ND	ND	ND	ND	ND	ND	ND		
COMP 30	4'	120	ND	ND	ND	ND	ND	ND	113		
SW COMP1		ND	ND	ND	ND	ND	ND	ND	ND		

SW COMP2		ND	ND	ND	ND	ND	ND	ND	ND		
SW COMP3		200	ND	ND	ND	ND	ND	ND	181		
SW COMP4		20	ND	ND	ND	ND	ND	ND	ND		
SW COMP5		40	ND	ND	ND	ND	ND	ND	25.1		
SW COMP6		40	ND	ND	ND	ND	ND	ND	30.1		
SW COMP7		400	ND	ND	ND	ND	ND	ND	365		
SW COMP8		80	ND	ND	ND	ND	ND	ND	61.1		
SW COMP9		160	ND	ND	ND	ND	ND	ND	148		
SW COMP10		60	ND	ND	ND	ND	ND	ND	61.4		

COMPOSITE SAMPLE GPS
TAPROCK - JACKSON UNIT #018H

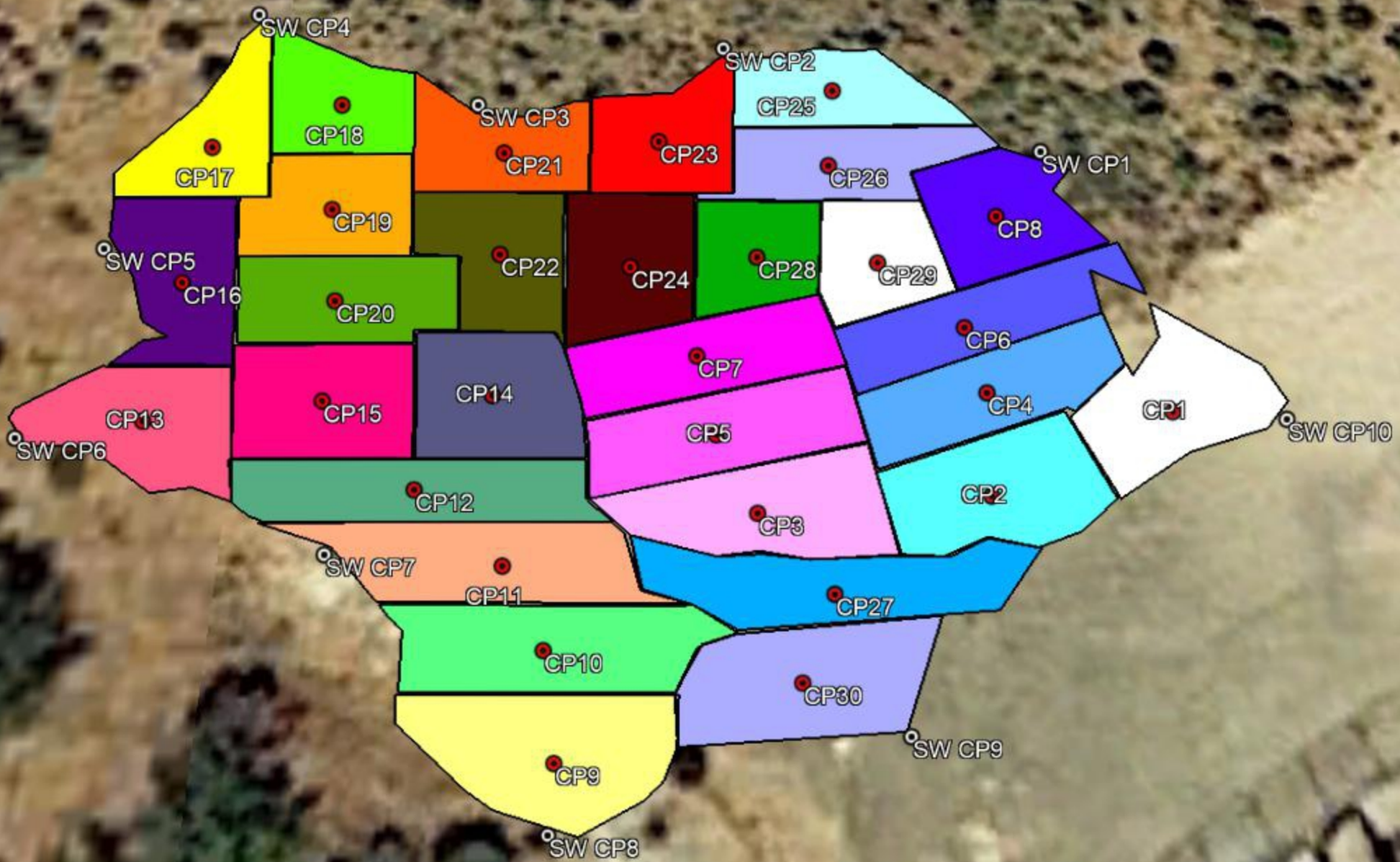
SAMPLE ID	LAT	LONG
COMP1	32.196426	-103.583625
COMP2	32.196404	-103.583683
COMP3	32.196401	-103.583752
COMP4	32.196433	-103.58368
COMP5	32.196422	-103.583763
COMP6	32.196452	-103.583685
COMP7	32.196445	-103.583768
COMP8	32.196486	-103.58367
COMP9	32.196342	-103.58381
COMP10	32.196368	-103.583813
COMP11	32.196389	-103.583826
COMP12	32.196409	-103.583852
COMP13	32.19643	-103.583936
COMP14	32.196435	-103.583831
COMP15	32.196434	-103.583882
COMP16	32.196471	-103.583930
COMP17	32.196515	-103.583928
COMP18	32.196529	-103.583886
COMP19	32.196493	-103.583885
COMP20	32.196464	-103.583881
COMP21	32.196511	-103.58383
COMP22	32.196477	-103.583830
COMP23	32.196513	-103.583779
COMP24	32.196472	-103.583788
COMP25	32.19653	-103.583719
COMP26	32.196504	-103.583723
COMP27	32.19638	-103.583731
COMP28	32.196475	-103.583748
COMP29	32.196472	-103.58371
COMP30	32.196359	-103.583742
SW1	32.196507	-103.583562
SW2	32.196546	-103.583756
SW3	32.196527	-103.58384
SW4	32.196563	-103.583919
SW5	32.196483	-103.583957
SW6	32.196426	-103.583973
SW7	32.196393	-103.583877
SW8	32.196326	-103.583811
SW9	32.196345	-103.583713
SW10	32.196423	-103.583591

TAP ROCK

JACKSON UNIT #018H
COMPOSITE MAP

Legend

- BOTTOM COMPOSITES
- SIDEWALL COMPOSITES



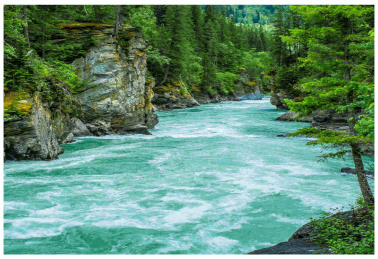
N

30 ft

Google Earth

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 18H

Work Order: E201102

Job Number: 20046-0001

Received: 1/24/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/31/22

Date Reported: 1/31/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson 18H
Workorder: E201102
Date Received: 1/24/2022 8:28:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/24/2022 8:28:00AM, under the Project Name: Jackson 18H.

The analytical test results summarized in this report with the Project Name: Jackson 18H 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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Jackson 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/31/22 14:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1 Surface	E201102-01A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 2 Surface	E201102-02A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 3 Surface	E201102-03A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 4 Surface	E201102-04A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 5 Surface	E201102-05A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 6 Surface	E201102-06A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 7 Surface	E201102-07A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 8 Surface	E201102-08A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 9 Surface	E201102-09A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 10 Surface	E201102-10A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 11 Surface	E201102-11A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.
SP 12 Surface	E201102-12A	Soil	01/18/22	01/24/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 1 Surface

E201102-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.7 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**1090**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	**462**	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**8990**	200	10	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 2 Surface

E201102-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.8 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**34.5**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**7570**	100	5	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 3 Surface

E201102-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**2000**	50.0	2	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	**738**	100	2	01/25/22	01/26/22	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**1940**	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 4 Surface

E201102-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**304**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	**150**	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**273**	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 5 Surface

E201102-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**159**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	**97.1**	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**76.0**	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 6 Surface

E201102-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.6 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**801**	50.0	2	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	**327**	100	2	01/25/22	01/26/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**47.7**	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 7 Surface

E201102-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**32.8**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*61.6 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	ND	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 8 Surface

E201102-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**29.6**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*60.2 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	ND	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 9 Surface

E201102-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**87.2**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*83.2 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**37.5**	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 10 Surface

E201102-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**63.1**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**31.4**	20.0	1	01/26/22	01/27/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 11 Surface

E201102-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	ND	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/28/22	
Toluene	ND	0.0250	1	01/25/22	01/28/22	
o-Xylene	ND	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/28/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**131**	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*50.5 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	ND	20.0	1	01/26/22	01/28/22	

Sample Data

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

SP 12 Surface

E201102-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Benzene	**0.101**	0.0250	1	01/25/22	01/28/22	
Ethylbenzene	**3.60**	0.0250	1	01/25/22	01/28/22	
Toluene	**3.19**	0.0250	1	01/25/22	01/28/22	
o-Xylene	**7.04**	0.0250	1	01/25/22	01/28/22	
p,m-Xylene	**16.7**	0.0500	1	01/25/22	01/28/22	
Total Xylenes	**23.7**	0.0250	1	01/25/22	01/28/22	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205023
Gasoline Range Organics (C6-C10)	**228**	20.0	1	01/25/22	01/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*01/25/22*	*01/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205024
Diesel Range Organics (C10-C28)	**23700**	1250	50	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	**6380**	2500	50	01/25/22	01/26/22	
Surrogate: n-Nonane		*%*	*50-200*	*01/25/22*	*01/26/22*	*S6*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205044
Chloride	**930**	20.0	1	01/26/22	01/27/22	

QC Summary Data

Tap Rock	Project Name:	Jackson 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2205023-BLK1)									Prepared: 01/25/22 Analyzed: 01/27/22
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	*7.61*		*8.00*		*95.1*	*70-130*			
LCS (2205023-BS1)									Prepared: 01/25/22 Analyzed: 01/27/22
Benzene	4.49	0.0250	5.00		89.7	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.7	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.66	0.0250	5.00		93.2	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.2	0.0250	15.0		94.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.69*		*8.00*		*96.2*	*70-130*			
Matrix Spike (2205023-MS1)				**Source: E201098-01**					Prepared: 01/25/22 Analyzed: 01/28/22
Benzene	4.73	0.0250	5.00	ND	94.6	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	96.9	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.7	63-131			
p,m-Xylene	9.79	0.0500	10.0	ND	97.9	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike Dup (2205023-MSD1)				**Source: E201098-01**					Prepared: 01/25/22 Analyzed: 01/28/22
Benzene	4.82	0.0250	5.00	ND	96.3	54-133	1.77	20	
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133	2.29	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	1.13	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	2.15	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	2.51	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131	2.39	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.56*		*8.00*		*94.5*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2205023-BLK1)									Prepared: 01/25/22 Analyzed: 01/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.26*		*8.00*		*103*	*70-130*			
LCS (2205023-BS2)									Prepared: 01/25/22 Analyzed: 01/27/22
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.11*		*8.00*		*101*	*70-130*			
Matrix Spike (2205023-MS2)				**Source: E201098-01**					Prepared: 01/25/22 Analyzed: 01/28/22
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.10*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2205023-MSD2)				**Source: E201098-01**					Prepared: 01/25/22 Analyzed: 01/28/22
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.2	70-130	0.487	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.00*		*8.00*		*100*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2205024-BLK1)									Prepared: 01/25/22 Analyzed: 01/26/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.7*		*50.0*		*99.4*	*50-200*			
LCS (2205024-BS1)									Prepared: 01/25/22 Analyzed: 01/26/22
Diesel Range Organics (C10-C28)	519	25.0	500		104	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*50-200*			
Matrix Spike (2205024-MS1)				**Source: E201102-03**					Prepared: 01/25/22 Analyzed: 01/26/22
Diesel Range Organics (C10-C28)	1100	50.0	500	2000	NR	38-132			M4
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*50-200*			
Matrix Spike Dup (2205024-MSD1)				**Source: E201102-03**					Prepared: 01/25/22 Analyzed: 01/26/22
Diesel Range Organics (C10-C28)	800	50.0	500	2000	NR	38-132	31.8	20	M4, R3
Surrogate: n-Nonane	*37.7*		*50.0*		*75.3*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2022 2:08:48PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2205044-BLK1)									Prepared: 01/26/22 Analyzed: 01/27/22
Chloride	ND	20.0							
LCS (2205044-BS1)									Prepared: 01/26/22 Analyzed: 01/27/22
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2205044-MS1)				**Source: E201102-01**					Prepared: 01/26/22 Analyzed: 01/27/22
Chloride	8990	200	250	8990	0.144	80-120			M5
Matrix Spike Dup (2205044-MSD1)				**Source: E201102-01**					Prepared: 01/26/22 Analyzed: 01/27/22
Chloride	9740	200	250	8990	299	80-120	7.98	20	M5

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

Definitions and Notes

Tap Rock	Project Name:	Jackson 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/31/22 14:08

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.
M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
S6	Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. 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

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: TAPROCK
Project: JACKSON 12H
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2427 W COUNTY RD
City, State, Zip HOBBS NM 88240
Phone: (579) 390-6397
Email: NATALIE GLADDEN

Lab Use Only
Lab WO# E201102
Job Number 20046-0001

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	1-18	S	1	SP 1 SURFACE	1									X				
				SP 2 SURFACE	2													
				SP 3 SURFACE	3													
				SP 4 SURFACE	4													
				SP 5 SURFACE	5													
				SP 6 SURFACE	6													
				SP 7 SURFACE	7													
				SP 8 SURFACE	8													
				SP 9 SURFACE	9													
				SP 10 SURFACE	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: Marc Avila

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
Caitlan Montano	1-20-22	15:30		1.20.22	1530
	1.20.22	1745	Caitlin Chastain	1/24/22	8:28

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

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

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

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

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Project Information

Chain of Custody

Client: TAP ROCK
Project: JACKSON 18H
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2427 W COUNTY RD
City, State, Zip HOBBS NM 88240
Phone: (575) 390-6397
Email: NATALIE GLADDEN

Lab Use Only
Lab WO# E201102
Job Number 20046-0001

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

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	1-18	S	1	SP 11 SURFACE	11									X				
	1-18	S	1	SP 12 SURFACE	12									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 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
Chasity Jones	1-20-22	15:30		1.20.22	1530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1.20.22	1745	Caitlin Christian	1/24/22	8:28
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.

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Envirotech Analytical Laboratory

Printed: 1/24/2022 10:18:06AM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	01/24/22 08:28	Work Order ID:	E201102
Phone:	(575) 390-6397	Date Logged In:	01/24/22 10:11	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	01/27/22 17:00 (3 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: Carrier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

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

Client Instruction

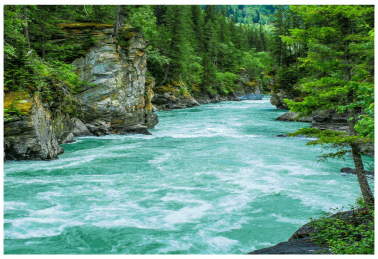
Signature of client authorizing changes to the COC or sample disposition.

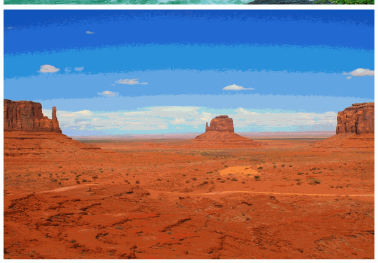
Date

envirotech Inc.

Report to:

Natalie Gladden





5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Jackson Unit 18H
Work Order:	E203107
Job Number:	20046-0001
Received:	3/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/21/22

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

Date Reported: 3/21/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 18H
Workorder: E203107
Date Received: 3/18/2022 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2022 8:15:00AM, under the Project Name: Jackson Unit 18H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 18H 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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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:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/21/22 18:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP3 - 4'	E203107-01A	Soil	03/15/22	03/18/22	Glass Jar, 4 oz.
SP4 - 4'	E203107-02A	Soil	03/15/22	03/18/22	Glass Jar, 4 oz.
SP5 - 4'	E203107-03A	Soil	03/15/22	03/18/22	Glass Jar, 4 oz.
SP7 - 10'	E203107-04A	Soil	03/15/22	03/18/22	Glass Jar, 4 oz.
SW2 - Surf	E203107-05A	Soil	03/15/22	03/18/22	Glass Jar, 4 oz.
SW2 - 4'	E203107-06A	Soil	03/15/22	03/18/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

SP3 - 4'

E203107-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212074
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

SP4 - 4'

E203107-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0500	2	03/18/22	03/18/22	
Ethylbenzene	ND	0.0500	2	03/18/22	03/18/22	
Toluene	ND	0.0500	2	03/18/22	03/18/22	
o-Xylene	ND	0.0500	2	03/18/22	03/18/22	
p,m-Xylene	ND	0.100	2	03/18/22	03/18/22	
Total Xylenes	ND	0.0500	2	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	40.0	2	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212074
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

SP5 - 4'

E203107-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212074
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*96.1 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

SP7 - 10'

E203107-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212074
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2212072
Chloride	**25.6**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

SW2 - Surf

E203107-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*92.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212074
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2212072
Chloride	**25.2**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

SW2 - 4'

E203107-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212074
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

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 (2212070-BLK1)									Prepared: 03/17/22 Analyzed: 03/18/22
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	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS (2212070-BS1)									Prepared: 03/17/22 Analyzed: 03/18/22
Benzene	2.77	0.0250	2.50		111	70-130			
Ethylbenzene	2.86	0.0250	2.50		114	70-130			
Toluene	2.83	0.0250	2.50		113	70-130			
o-Xylene	2.75	0.0250	2.50		110	70-130			
p,m-Xylene	5.52	0.0500	5.00		110	70-130			
Total Xylenes	8.27	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			
LCS Dup (2212070-BSD1)									Prepared: 03/17/22 Analyzed: 03/18/22
Benzene	2.70	0.0250	2.50		108	70-130	2.62	23	
Ethylbenzene	2.81	0.0250	2.50		112	70-130	1.75	27	
Toluene	2.78	0.0250	2.50		111	70-130	1.69	24	
o-Xylene	2.74	0.0250	2.50		110	70-130	0.437	27	
p,m-Xylene	5.44	0.0500	5.00		109	70-130	1.44	27	
Total Xylenes	8.18	0.0250	7.50		109	70-130	1.11	27	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

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 (2212070-BLK1)									Prepared: 03/17/22 Analyzed: 03/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS (2212070-BS2)									Prepared: 03/17/22 Analyzed: 03/18/22
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
LCS Dup (2212070-BSD2)									Prepared: 03/17/22 Analyzed: 03/18/22
Gasoline Range Organics (C6-C10)	58.6	20.0	50.0		117	70-130	10.1	20	
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212074-BLK1)									Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.6*		*50.0*		*95.1*	*50-200*			
LCS (2212074-BS1)									Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	471	25.0	500		94.2	38-132			
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			
Matrix Spike (2212074-MS1)				**Source: E203107-05**					Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	476	25.0	500	ND	95.2	38-132			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2212074-MSD1)				**Source: E203107-05**					Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	477	25.0	500	ND	95.4	38-132	0.183	20	
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:20:45PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212072-BLK1)									Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	ND	20.0							
LCS (2212072-BS1)									Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2212072-MS1)				**Source: E203107-01**					Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	269	20.0	250	ND	108	80-120			
Matrix Spike Dup (2212072-MSD1)				**Source: E203107-01**					Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	269	20.0	250	ND	108	80-120	0.0791	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 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/21/22 18:20

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:	JACKSON UNIT 184
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2421 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390 6391
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E203107	200416-0001

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			8 Oxcm				Remarks
	3.15.22	S	1	SP3 - 4'	1									X				
				SP4 - 4'	2													
				SP5 - 4'	3													
				SP7 - 10'	4													
				SW2 - SURF	5													
				SW2 - 4'	6													

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: MARC 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
Dakotah Montez	3-17-22	12:56		3.17.22	1440
	3.17.22	1730	Caitlin Christian	3/18/22	8:15

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: 3/18/2022 9:48:05AM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	03/18/22 08:15	Work Order ID:	E203107
Phone:	(575) 390-6397	Date Logged In:	03/17/22 14:26	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Carrier
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

Sampled times and project manager not provided on coc.

Client Instruction

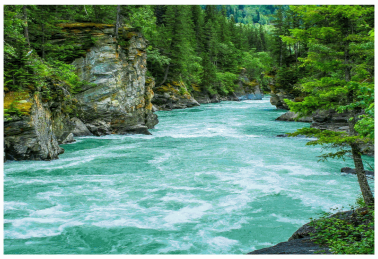
Signature of client authorizing changes to the COC or sample disposition.

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 18H
Work Order:	E203108
Job Number:	20046-0001
Received:	3/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/21/22

Date Reported: 3/21/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 18H
Workorder: E203108
Date Received: 3/18/2022 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2022 8:15:00AM, under the Project Name: Jackson Unit 18H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 18H 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,

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/21/22 18:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1 - 5'	E203108-01A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 2 - 5'	E203108-02A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 6 - 5'	E203108-03A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 8 - 4'	E203108-04A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 9 - 10'	E203108-05A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 10 - 4'	E203108-06A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 11 - 4'	E203108-07A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SP 12 - 5'	E203108-08A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW1 - Surf	E203108-09A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW3 - Surf	E203108-10A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW4 - Surf	E203108-11A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW5 - Surf	E203108-12A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW6 - Surf	E203108-13A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW7 - Surf	E203108-14A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW8 - Surf	E203108-15A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW9 - Surf	E203108-16A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW10 - Surf	E203108-17A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW11 - Surf	E203108-18A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW1 - 2'	E203108-19A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW3 - 2'	E203108-20A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW4 - 2'	E203108-21A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW5 - 2'	E203108-22A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW6 - 2'	E203108-23A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW7 - 2'	E203108-24A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW8 - 2'	E203108-25A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW9 - 2'	E203108-26A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW10 - 2'	E203108-27A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.
SW11 - 2'	E203108-28A	Soil	03/16/22	03/18/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 1 - 5'

E203108-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**63.6**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 2 - 5'

E203108-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*78.1 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/19/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 6 - 5'

E203108-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**24.0**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 8 - 4'

E203108-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**23.3**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 9 - 10'

E203108-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 10 - 4'

E203108-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*89.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 11 - 4'

E203108-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SP 12 - 5'

E203108-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**33.5**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW1 - Surf

E203108-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**107**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	**119**	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**157**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW3 - Surf

E203108-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*77.6 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW4 - Surf

E203108-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**72.1**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	**62.0**	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW5 - Surf

E203108-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**78.7**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW6 - Surf

E203108-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*98.6 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**420**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW7 - Surf

E203108-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**91.2**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	**63.0**	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**1370**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW8 - Surf

E203108-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**63.1**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	**70.7**	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**216**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW9 - Surf

E203108-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**109**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	**144**	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**96.2**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW10 - Surf

E203108-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**32.1**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**98.6**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW11 - Surf

E203108-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	**0.0352**	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	**0.0960**	0.0500	1	03/18/22	03/18/22	
Total Xylenes	**0.131**	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	**50.5**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	**125**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW1 - 2'

E203108-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW3 - 2'

E203108-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212075
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212073
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212076
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW4 - 2'

E203108-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	**235**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW5 - 2'

E203108-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*83.0 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	**2340**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW6 - 2'

E203108-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*83.1 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW7 - 2'

E203108-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*83.2 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW8 - 2'

E203108-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW9 - 2'

E203108-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*92.3 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW10 - 2'

E203108-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*91.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*91.8 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	**31.3**	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	**57.7**	20.0	1	03/18/22	03/18/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

SW11 - 2'

E203108-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Benzene	ND	0.0250	1	03/18/22	03/18/22	
Ethylbenzene	ND	0.0250	1	03/18/22	03/18/22	
Toluene	ND	0.0250	1	03/18/22	03/18/22	
o-Xylene	ND	0.0250	1	03/18/22	03/18/22	
p,m-Xylene	ND	0.0500	1	03/18/22	03/18/22	
Total Xylenes	ND	0.0250	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2212070
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/22	03/18/22	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*03/18/22*	*03/18/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*03/18/22*	*03/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2212071
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/22	03/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/22	03/18/22	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*03/18/22*	*03/18/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2212072
Chloride	ND	20.0	1	03/18/22	03/18/22	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

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 (2212070-BLK1)									Prepared: 03/17/22 Analyzed: 03/18/22
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	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS (2212070-BS1)									Prepared: 03/17/22 Analyzed: 03/18/22
Benzene	2.77	0.0250	2.50		111	70-130			
Ethylbenzene	2.86	0.0250	2.50		114	70-130			
Toluene	2.83	0.0250	2.50		113	70-130			
o-Xylene	2.75	0.0250	2.50		110	70-130			
p,m-Xylene	5.52	0.0500	5.00		110	70-130			
Total Xylenes	8.27	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			
LCS Dup (2212070-BSD1)									Prepared: 03/17/22 Analyzed: 03/18/22
Benzene	2.70	0.0250	2.50		108	70-130	2.62	23	
Ethylbenzene	2.81	0.0250	2.50		112	70-130	1.75	27	
Toluene	2.78	0.0250	2.50		111	70-130	1.69	24	
o-Xylene	2.74	0.0250	2.50		110	70-130	0.437	27	
p,m-Xylene	5.44	0.0500	5.00		109	70-130	1.44	27	
Total Xylenes	8.18	0.0250	7.50		109	70-130	1.11	27	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.512*		*0.500*		*102*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212075-BLK1)									Prepared: 03/18/22 Analyzed: 03/19/22
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	*7.35*		*8.00*		*91.9*	*70-130*			
LCS (2212075-BS1)									Prepared: 03/18/22 Analyzed: 03/19/22
Benzene	3.90	0.0250	5.00		78.0	70-130			
Ethylbenzene	4.17	0.0250	5.00		83.4	70-130			
Toluene	4.23	0.0250	5.00		84.5	70-130			
o-Xylene	4.30	0.0250	5.00		85.9	70-130			
p,m-Xylene	8.48	0.0500	10.0		84.8	70-130			
Total Xylenes	12.8	0.0250	15.0		85.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.8*	*70-130*			
Matrix Spike (2212075-MS1)				**Source: E203108-06**					Prepared: 03/18/22 Analyzed: 03/19/22
Benzene	3.97	0.0250	5.00	ND	79.4	54-133			
Ethylbenzene	4.27	0.0250	5.00	ND	85.5	61-133			
Toluene	4.32	0.0250	5.00	ND	86.4	61-130			
o-Xylene	4.39	0.0250	5.00	ND	87.7	63-131			
p,m-Xylene	8.69	0.0500	10.0	ND	86.9	63-131			
Total Xylenes	13.1	0.0250	15.0	ND	87.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.50*		*8.00*		*93.8*	*70-130*			
Matrix Spike Dup (2212075-MSD1)				**Source: E203108-06**					Prepared: 03/18/22 Analyzed: 03/19/22
Benzene	3.91	0.0250	5.00	ND	78.3	54-133	1.50	20	
Ethylbenzene	4.19	0.0250	5.00	ND	83.9	61-133	1.90	20	
Toluene	4.24	0.0250	5.00	ND	84.9	61-130	1.80	20	
o-Xylene	4.30	0.0250	5.00	ND	86.1	63-131	1.91	20	
p,m-Xylene	8.52	0.0500	10.0	ND	85.2	63-131	1.92	20	
Total Xylenes	12.8	0.0250	15.0	ND	85.5	63-131	1.92	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.47*		*8.00*		*93.4*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

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 (2212070-BLK1)									Prepared: 03/17/22 Analyzed: 03/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			
LCS (2212070-BS2)									Prepared: 03/17/22 Analyzed: 03/18/22
Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	70-130			
Surrogate: Bromofluorobenzene	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
LCS Dup (2212070-BSD2)									Prepared: 03/17/22 Analyzed: 03/18/22
Gasoline Range Organics (C6-C10)	58.6	20.0	50.0		117	70-130	10.1	20	
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*94.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212075-BLK1)									Prepared: 03/18/22 Analyzed: 03/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.04*		*8.00*		*101*	*70-130*			
LCS (2212075-BS2)									Prepared: 03/18/22 Analyzed: 03/19/22
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.25*		*8.00*		*103*	*70-130*			
Matrix Spike (2212075-MS2)				**Source: E203108-06**					Prepared: 03/18/22 Analyzed: 03/19/22
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.11*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2212075-MSD2)				**Source: E203108-06**					Prepared: 03/18/22 Analyzed: 03/19/22
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.1	70-130	1.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.09*		*8.00*		*101*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212071-BLK1)									Prepared: 03/17/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.3*		*50.0*		*98.5*	*50-200*			
LCS (2212071-BS1)									Prepared: 03/17/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	454	25.0	500		90.8	38-132			
Surrogate: n-Nonane	*46.3*		*50.0*		*92.7*	*50-200*			
Matrix Spike (2212071-MS1)				**Source: E203087-01**					Prepared: 03/17/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	463	25.0	500	ND	92.6	38-132			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.1*	*50-200*			
Matrix Spike Dup (2212071-MSD1)				**Source: E203087-01**					Prepared: 03/17/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	463	25.0	500	ND	92.6	38-132	0.0275	20	
Surrogate: n-Nonane	*49.7*		*50.0*		*99.4*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212073-BLK1)									Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*50-200*			
LCS (2212073-BS1)									Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	454	25.0	500		90.9	38-132			
Surrogate: n-Nonane	*48.5*		*50.0*		*97.0*	*50-200*			
Matrix Spike (2212073-MS1)				**Source: E203108-17**					Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	517	25.0	500	32.1	96.9	38-132			
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*50-200*			
Matrix Spike Dup (2212073-MSD1)				**Source: E203108-17**					Prepared: 03/18/22 Analyzed: 03/18/22
Diesel Range Organics (C10-C28)	485	25.0	500	32.1	90.5	38-132	6.44	20	
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212072-BLK1)									Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	ND	20.0							
LCS (2212072-BS1)									Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2212072-MS1)				**Source: E203107-01**					Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	269	20.0	250	ND	108	80-120			
Matrix Spike Dup (2212072-MSD1)				**Source: E203107-01**					Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	269	20.0	250	ND	108	80-120	0.0791	20	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/21/2022 6:39:31PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2212076-BLK1)									Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	ND	20.0							
LCS (2212076-BS1)									Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2212076-MS1)				**Source: E203108-01**					Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	310	20.0	250	63.6	98.4	80-120			
Matrix Spike Dup (2212076-MSD1)				**Source: E203108-01**					Prepared: 03/18/22 Analyzed: 03/18/22
Chloride	307	20.0	250	63.6	97.4	80-120	0.866	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 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/21/22 18:39

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 3

Client:	TARROCK
Project:	JACKSON UNIT 184
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E203108	20046-0001

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			8600C				Remarks
	3-16-22	S	1	SP 1 - 5'	1									X				
				SP 2 - 5'	2													
				SP 6 5'	3													
				SP 8 - 4'	4													
				SP 9 - 10'	5													
				SP10 - 4'	6													
				SP11 - 4'	7													
				SP12 - 5'	8													
				SW1 - SURF	9													
				SW 3 - SURF	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: MARC RUED

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
	3-17-22	12:56		3-17-22	1445
	3-17-22	1730		3/18/22	8:15

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

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

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

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

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Project Information | Chain of Custody | Page 2 of 3

Client:	TAPROCK
Project:	JACKSON UNIT 18H
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W. COUNTY RD
City, State, Zip	HOBBS N.M. 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E203108	20046-0001

TAT: 1D X | 2D | 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 | 8260C via

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	3-16-22	S	1	SW 4 · SURF	11	
				SW 5 · SURF	12	
				SW6 · SURF	13	
				SW7 · SURF	14	
				SW8 · SURF	15	
				SW9 - SURF	16	
				SW10 - SURF	17	
				SW11 - SURF	18	
				SW1 - 2'	19	
				SW3 · 2'	20	

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: MARC 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
	3-17-22	12:56		3.17.22	1445
	3.17.22	1730	Caitlin Christian	3/18/22	8:15

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

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

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

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

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Project Information | Chain of Custody | Page 3 of 3

Client:	TAPROCK
Project:	JACKSON UNIT 104
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2727 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390 6397
Email:	NATALIE.GLADDEN

Lab Use Only

Lab WO#	Job Number
E203108	20046-0001

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	Remarks
	3.16.22	S	1	SW4-2'	21							X	
				SW5-2'	22								
				SW6-2'	23								
				SW7-2'	24								
				SW8-2'	25								
				SW9-2'	26								
				SW10-2'	27								
				SW11-2'	28								

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: ARCHAEOLOGY NM 2

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
[signature]	3.17.22	12:56	[signature]	3.17.22	1445
[signature]	3.17.22	1730	Carlos Chavez	3/18/22	8:15

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 3/18/2022 9:52:01AM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	03/18/22 08:15	Work Order ID:	E203108
Phone:	(575) 390-6397	Date Logged In:	03/17/22 14:36	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/18/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Carrier
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

Sampled times and project manager not provided on coc.

Client Instruction

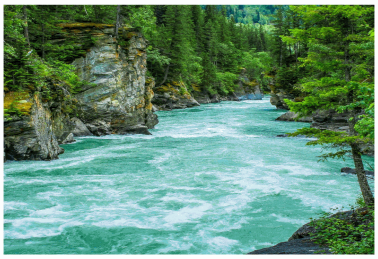
Signature of client authorizing changes to the COC or sample disposition.

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 18H
Work Order:	E203185
Job Number:	20046-0001
Received:	3/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/30/22

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

Date Reported: 3/30/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 18H
Workorder: E203185
Date Received: 3/29/2022 9:05:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/29/2022 9:05:00AM, under the Project Name: Jackson Unit 18H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 18H 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:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/30/22 16:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 5 - 7'	E203185-01A	Soil	03/23/22	03/29/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/30/2022 4:25:36PM

SW 5 - 7'

E203185-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2214027
Benzene	ND	0.0250	1	03/29/22	03/29/22	
Ethylbenzene	ND	0.0250	1	03/29/22	03/29/22	
Toluene	ND	0.0250	1	03/29/22	03/29/22	
o-Xylene	ND	0.0250	1	03/29/22	03/29/22	
p,m-Xylene	ND	0.0500	1	03/29/22	03/29/22	
Total Xylenes	ND	0.0250	1	03/29/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/29/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*03/29/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*03/29/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214027
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/29/22	03/29/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*03/29/22*	*03/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*03/29/22*	*03/29/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*03/29/22*	*03/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214019
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/22	03/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/22	03/29/22	
Surrogate: n-Nonane		*78.3 %*	*50-200*	*03/28/22*	*03/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214011
Chloride	**166**	20.0	1	03/28/22	03/29/22	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/30/2022 4:25:36PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214027-BLK1)									Prepared: 03/29/22 Analyzed: 03/29/22
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	*0.460*		*0.500*		*92.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2214027-BS1)									Prepared: 03/29/22 Analyzed: 03/29/22
Benzene	2.61	0.0250	2.50		104	70-130			
Ethylbenzene	2.61	0.0250	2.50		105	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.54	0.0250	2.50		102	70-130			
p,m-Xylene	5.09	0.0500	5.00		102	70-130			
Total Xylenes	7.63	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.8*	*70-130*			
LCS Dup (2214027-BSD1)									Prepared: 03/29/22 Analyzed: 03/29/22
Benzene	2.59	0.0250	2.50		104	70-130	0.750	23	
Ethylbenzene	2.67	0.0250	2.50		107	70-130	2.06	27	
Toluene	2.68	0.0250	2.50		107	70-130	3.26	24	
o-Xylene	2.55	0.0250	2.50		102	70-130	0.295	27	
p,m-Xylene	5.18	0.0500	5.00		104	70-130	1.66	27	
Total Xylenes	7.72	0.0250	7.50		103	70-130	1.20	27	
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/30/2022 4:25:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214027-BLK1)									Prepared: 03/29/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.460*		*0.500*		*92.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			
LCS (2214027-BS2)									Prepared: 03/29/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS Dup (2214027-BSD2)									Prepared: 03/29/22 Analyzed: 03/29/22
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130	7.07	20	
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/30/2022 4:25:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214019-BLK1)									Prepared: 03/28/22 Analyzed: 03/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.7*		*50.0*		*79.4*	*50-200*			
LCS (2214019-BS1)									Prepared: 03/28/22 Analyzed: 03/29/22
Diesel Range Organics (C10-C28)	460	25.0	500		92.0	38-132			
Surrogate: n-Nonane	*39.8*		*50.0*		*79.6*	*50-200*			
Matrix Spike (2214019-MS1)				**Source: E203185-01**					Prepared: 03/28/22 Analyzed: 03/29/22
Diesel Range Organics (C10-C28)	441	25.0	500	ND	88.2	38-132			
Surrogate: n-Nonane	*38.3*		*50.0*		*76.5*	*50-200*			
Matrix Spike Dup (2214019-MSD1)				**Source: E203185-01**					Prepared: 03/28/22 Analyzed: 03/29/22
Diesel Range Organics (C10-C28)	505	25.0	500	ND	101	38-132	13.6	20	
Surrogate: n-Nonane	*42.7*		*50.0*		*85.4*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/30/2022 4:25:36PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214011-BLK1)									Prepared: 03/28/22 Analyzed: 03/30/22
Chloride	ND	20.0							
LCS (2214011-BS1)									Prepared: 03/28/22 Analyzed: 03/30/22
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2214011-MS1)				**Source: E203153-01**					Prepared: 03/28/22 Analyzed: 03/30/22
Chloride	1010	20.0	250	686	128	80-120			M2
Matrix Spike Dup (2214011-MSD1)				**Source: E203153-01**					Prepared: 03/28/22 Analyzed: 03/30/22
Chloride	1030	20.0	250	686	138	80-120	2.40	20	M2

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 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/30/22 16:25

M2	Matrix spike recovery was outside quality control limits. 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

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:	TAD Rock
Project:	JACKSON UNIT 18H
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE.GLADDEN

Lab Use Only

Lab WO#	Job Number
E203185	20046-0001

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						Remarks
	3-23-22	S	1	SW 5-7'									X				

Analysis and Method: 8260 BTEX MTBE TMB's Naphthalene

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: MAC RIVER NM

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
Natalie Gladden	3/25/22	1300	Cartha Chato	3/29/22	9:05
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/29/2022 10:00:09AM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	03/29/22 09:05	Work Order ID:	E203185
Phone:	(575) 390-6397	Date Logged In:	03/29/22 09:05	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/29/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
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 and project manager not provided on COC.

Client Instruction

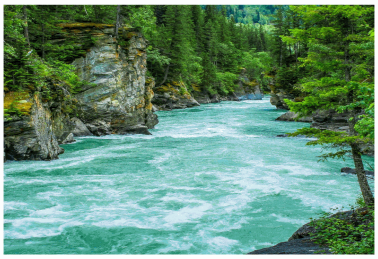
Signature of client authorizing changes to the COC or sample disposition.

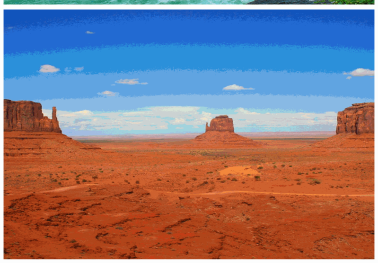
Date

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 18H

Work Order: E204013

Job Number: 20046-0001

Received: 4/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/22

Date Reported: 4/5/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 18H
Workorder: E204013
Date Received: 4/4/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/4/2022 10:00:00AM, under the Project Name: Jackson Unit 18H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 18H 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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labadmin@envirotech-inc.com

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Technical Representative/Client Services
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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/05/22 17:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 1 - 2'	E204013-01A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 2 - 2'	E204013-02A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 3 - 2'	E204013-03A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 4 - 2'	E204013-04A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 5 - 2'	E204013-05A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 6 - 3'	E204013-06A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 7 - 3'	E204013-07A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 8 - 3'	E204013-08A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 9 - 3'	E204013-09A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 10 - 3'	E204013-10A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 11 -3'	E204013-11A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 24 - 6'	E204013-12A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 25 - 4'	E204013-13A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 26 - 4'	E204013-14A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 27 - 8'	E204013-15A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 28 - 6'	E204013-16A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 29 - 4'	E204013-17A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 30 - 4'	E204013-18A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 12 - 3'	E204013-19A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 13 - 3'	E204013-20A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 1 - 2'

E204013-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 2 - 2'

E204013-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 3 - 2'

E204013-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 4 - 2'

E204013-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 5 - 2'

E204013-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 6 - 3'

E204013-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 7 - 3'

E204013-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 8 - 3'

E204013-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 9 - 3'

E204013-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/05/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 10 - 3'

E204013-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 11 -3'

E204013-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 24 - 6'

E204013-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**23.0**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 25 - 4'

E204013-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**38.7**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 26 - 4'

E204013-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**21.1**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 27 - 8'

E204013-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 28 - 6'

E204013-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**82.6**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 29 - 4'

E204013-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 30 - 4'

E204013-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**113**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 12 - 3'

E204013-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**43.8**	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 13 - 3'

E204013-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214095-BLK1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			
LCS (2214095-BS1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	4.38	0.0250	5.00		87.7	70-130			
Ethylbenzene	4.25	0.0250	5.00		85.0	70-130			
Toluene	4.41	0.0250	5.00		88.3	70-130			
o-Xylene	4.45	0.0250	5.00		89.0	70-130			
p,m-Xylene	8.77	0.0500	10.0		87.7	70-130			
Total Xylenes	13.2	0.0250	15.0		88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.34*		*8.00*		*104*	*70-130*			
LCS Dup (2214095-BSD1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	4.67	0.0250	5.00		93.4	70-130	6.30	20	
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130	6.43	20	
Toluene	4.72	0.0250	5.00		94.4	70-130	6.68	20	
o-Xylene	4.76	0.0250	5.00		95.1	70-130	6.69	20	
p,m-Xylene	9.34	0.0500	10.0		93.4	70-130	6.39	20	
Total Xylenes	14.1	0.0250	15.0		94.0	70-130	6.49	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.50*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215008-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.35*		*8.00*		*104*	*70-130*			
LCS (2215008-BS1)									Prepared: 04/04/22 Analyzed: 04/04/22
Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.69	0.0250	5.00		93.9	70-130			
o-Xylene	4.74	0.0250	5.00		94.9	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.48*		*8.00*		*106*	*70-130*			
LCS Dup (2215008-BSD1)									Prepared: 04/04/22 Analyzed: 04/04/22
Benzene	4.84	0.0250	5.00		96.8	70-130	4.25	20	
Ethylbenzene	4.72	0.0250	5.00		94.5	70-130	4.41	20	
Toluene	4.90	0.0250	5.00		97.9	70-130	4.24	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	4.06	20	
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130	4.29	20	
Total Xylenes	14.7	0.0250	15.0		97.9	70-130	4.21	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.44*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214095-BLK1)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2214095-BS2)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			
LCS Dup (2214095-BSD2)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	8.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215008-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2215008-BS2)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*70-130*			
LCS Dup (2215008-BSD2)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130	7.74	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214092-BLK1)									Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
LCS (2214092-BS1)									Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	541	25.0	500		108	38-132			
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			
Matrix Spike (2214092-MS1)				**Source: E204013-02**					Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	518	25.0	500	ND	104	38-132			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2214092-MSD1)				**Source: E204013-02**					Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	500	25.0	500	ND	100	38-132	3.56	20	
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215005-BLK1)									Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2215005-BS1)									Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	425	25.0	500		85.0	38-132			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*50-200*			
Matrix Spike (2215005-MS1)				**Source: E204012-15**					Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	429	25.0	500	ND	85.7	38-132			
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2215005-MSD1)				**Source: E204012-15**					Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	434	25.0	500	ND	86.8	38-132	1.28	20	
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214098-BLK1)									Prepared: 04/02/22 Analyzed: 04/02/22
Chloride	ND	20.0							
LCS (2214098-BS1)									Prepared: 04/02/22 Analyzed: 04/04/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2214098-MS1)				**Source: E204013-02**					Prepared: 04/02/22 Analyzed: 04/03/22
Chloride	274	20.0	250	ND	110	80-120			
Matrix Spike Dup (2214098-MSD1)				**Source: E204013-02**					Prepared: 04/02/22 Analyzed: 04/03/22
Chloride	274	20.0	250	ND	110	80-120	0.109	20	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215011-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	ND	20.0							
LCS (2215011-BS1)									Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2215011-MS1)				**Source: E204012-01**					Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	280	20.0	250	40.4	96.0	80-120			
Matrix Spike Dup (2215011-MSD1)				**Source: E204012-01**					Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	268	20.0	250	40.4	91.0	80-120	4.57	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 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/05/22 17:18

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 34

Client:	TAPROCK
Project:	JACKSON UNIT 124
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390 6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E204013	2004660001

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					Remarks
	4/1/22	S	1	COMP 1 - 2'	1								X			
				COMP 2 - 2'	2											
				COMP 3 - 2'	3											
				COMP 4 - 2'	4											
				COMP 5 - 2'	5											
				COMP 6 - 3'	6											
				COMP 7 - 3'	7											
				COMP 8 - 3'	8											
				COMP 9 - 3'	9											
				COMP 10 3'	10											

Analysis and Method: 8600C w/ 11

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: MARC 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
	4-1-22	3:03		4/1/22	15:03
	4-1-22	16:15		4/4/22	10:00

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

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

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

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

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Project Information | Chain of Custody | Page 2 of 2

Client:	TAPROCK
Project:	JACKSON UNIT 124
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO# E204013 | Job Number 30046-0001

TAT

1D	2D	3D	Standard
X			

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	8 Oxc NM	Remarks
	4/1/22	S	1	COMP 11 - 3'	11							X	
				COMP 24 - 6'	12								
				COMP 25 4'	13								
				COMP 26 - 4'	14								
				COMP 27 - 8'	15								
				COMP 28 - 6'	16								
				COMP 29 - 4'	17								
				COMP 30 - 4'	18								
				COMP 12 - 3'	19								
				COMP 13 - 3'	20								

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: Mike Lucas

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
Dakota Neal	4-1-22	3:03		15:03	4/1/22
	4-1-22	16:15		4/4/22	10:00

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: 4/5/2022 10:31:00AM

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:	04/04/22 10:00	Work Order ID:	E204013
Phone:	(575) 390-6397	Date Logged In:	04/01/22 16:37	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	04/04/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
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

Project has been seperated into 2 reports due to amount of samples. Workorders are as follows:
E204013 COC page 1&2 of 4, E20414 COC Page 3&4 of 4. Sample times not provided 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 18H

Work Order: E204013

Job Number: 20046-0001

Received: 4/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/22

Date Reported: 4/5/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 18H
Workorder: E204013
Date Received: 4/4/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/4/2022 10:00:00AM, under the Project Name: Jackson Unit 18H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 18H 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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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

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/05/22 17:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 1 - 2'	E204013-01A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 2 - 2'	E204013-02A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 3 - 2'	E204013-03A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 4 - 2'	E204013-04A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 5 - 2'	E204013-05A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 6 - 3'	E204013-06A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 7 - 3'	E204013-07A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 8 - 3'	E204013-08A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 9 - 3'	E204013-09A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 10 - 3'	E204013-10A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 11 -3'	E204013-11A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 24 - 6'	E204013-12A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 25 - 4'	E204013-13A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 26 - 4'	E204013-14A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 27 - 8'	E204013-15A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 28 - 6'	E204013-16A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 29 - 4'	E204013-17A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 30 - 4'	E204013-18A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 12 - 3'	E204013-19A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 13 - 3'	E204013-20A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 1 - 2'

E204013-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 2 - 2'

E204013-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 3 - 2'

E204013-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 4 - 2'

E204013-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 5 - 2'

E204013-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 6 - 3'

E204013-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 7 - 3'

E204013-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 8 - 3'

E204013-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*94.5 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 9 - 3'

E204013-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/05/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 10 - 3'

E204013-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 11 -3'

E204013-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/03/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*04/01/22*	*04/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	ND	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 24 - 6'

E204013-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**23.0**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 25 - 4'

E204013-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**38.7**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 26 - 4'

E204013-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**21.1**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 27 - 8'

E204013-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 28 - 6'

E204013-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**82.6**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 29 - 4'

E204013-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 30 - 4'

E204013-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	**113**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 12 - 3'

E204013-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**43.8**	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Comp 13 - 3'

E204013-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2215008
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215005
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215011
Chloride	ND	20.0	1	04/04/22	04/04/22	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214095-BLK1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			
LCS (2214095-BS1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	4.38	0.0250	5.00		87.7	70-130			
Ethylbenzene	4.25	0.0250	5.00		85.0	70-130			
Toluene	4.41	0.0250	5.00		88.3	70-130			
o-Xylene	4.45	0.0250	5.00		89.0	70-130			
p,m-Xylene	8.77	0.0500	10.0		87.7	70-130			
Total Xylenes	13.2	0.0250	15.0		88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.34*		*8.00*		*104*	*70-130*			
LCS Dup (2214095-BSD1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	4.67	0.0250	5.00		93.4	70-130	6.30	20	
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130	6.43	20	
Toluene	4.72	0.0250	5.00		94.4	70-130	6.68	20	
o-Xylene	4.76	0.0250	5.00		95.1	70-130	6.69	20	
p,m-Xylene	9.34	0.0500	10.0		93.4	70-130	6.39	20	
Total Xylenes	14.1	0.0250	15.0		94.0	70-130	6.49	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.50*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215008-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.35*		*8.00*		*104*	*70-130*			
LCS (2215008-BS1)									Prepared: 04/04/22 Analyzed: 04/04/22
Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.52	0.0250	5.00		90.4	70-130			
Toluene	4.69	0.0250	5.00		93.9	70-130			
o-Xylene	4.74	0.0250	5.00		94.9	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.48*		*8.00*		*106*	*70-130*			
LCS Dup (2215008-BSD1)									Prepared: 04/04/22 Analyzed: 04/04/22
Benzene	4.84	0.0250	5.00		96.8	70-130	4.25	20	
Ethylbenzene	4.72	0.0250	5.00		94.5	70-130	4.41	20	
Toluene	4.90	0.0250	5.00		97.9	70-130	4.24	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	4.06	20	
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130	4.29	20	
Total Xylenes	14.7	0.0250	15.0		97.9	70-130	4.21	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.44*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214095-BLK1)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2214095-BS2)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			
LCS Dup (2214095-BSD2)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	8.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215008-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2215008-BS2)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.8*	*70-130*			
LCS Dup (2215008-BSD2)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130	7.74	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214092-BLK1)									Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
LCS (2214092-BS1)									Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	541	25.0	500		108	38-132			
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			
Matrix Spike (2214092-MS1)				**Source: E204013-02**					Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	518	25.0	500	ND	104	38-132			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2214092-MSD1)				**Source: E204013-02**					Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	500	25.0	500	ND	100	38-132	3.56	20	
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215005-BLK1)									Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2215005-BS1)									Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	425	25.0	500		85.0	38-132			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*50-200*			
Matrix Spike (2215005-MS1)				**Source: E204012-15**					Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	429	25.0	500	ND	85.7	38-132			
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
Matrix Spike Dup (2215005-MSD1)				**Source: E204012-15**					Prepared: 04/04/22 Analyzed: 04/05/22
Diesel Range Organics (C10-C28)	434	25.0	500	ND	86.8	38-132	1.28	20	
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214098-BLK1)									Prepared: 04/02/22 Analyzed: 04/02/22
Chloride	ND	20.0							
LCS (2214098-BS1)									Prepared: 04/02/22 Analyzed: 04/04/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2214098-MS1)				**Source: E204013-02**					Prepared: 04/02/22 Analyzed: 04/03/22
Chloride	274	20.0	250	ND	110	80-120			
Matrix Spike Dup (2214098-MSD1)				**Source: E204013-02**					Prepared: 04/02/22 Analyzed: 04/03/22
Chloride	274	20.0	250	ND	110	80-120	0.109	20	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:18:53PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215011-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	ND	20.0							
LCS (2215011-BS1)									Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2215011-MS1)				**Source: E204012-01**					Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	280	20.0	250	40.4	96.0	80-120			
Matrix Spike Dup (2215011-MSD1)				**Source: E204012-01**					Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	268	20.0	250	40.4	91.0	80-120	4.57	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 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/05/22 17:18

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 34

Client:	TAPROCK
Project:	JACKSON UNIT 124
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390 6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E204013	2004600001

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			Analysis and Method				Remarks
	4/1/22	S	1	COMP 1 - 2'	1									X				
				COMP 2 - 2'	2													
				COMP 3 - 2'	3													
				COMP 4 - 2'	4													
				COMP 5 - 2'	5													
				COMP 6 - 3'	6													
				COMP 7 - 3'	7													
				COMP 8 - 3'	8													
				COMP 9 - 3'	9													
				COMP 10 3'	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: MARC 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
	4-1-22	3:03		4/1/22	15:03
	4-1-22	16:15		4/4/22	10:00

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

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

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

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Project Information | Chain of Custody | Page 2 of 2

Client:	TAPROCK
Project:	JACKSON UNIT 124
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E204013	30046-0001

TAT

1D	2D	3D	Standard
X			

EPA Program

CWA	SDWA

RCRA

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	8 Oxc NM	Remarks
	4/1/22	S	1	COMP 11 - 3'	11							X	
				COMP 24 - 6'	12								
				COMP 25 4'	13								
				COMP 26 - 4'	14								
				COMP 27 - 8'	15								
				COMP 28 - 6'	16								
				COMP 29 - 4'	17								
				COMP 30 - 4'	18								
				COMP 12 - 3'	19								
				COMP 13 - 3'	20								

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: Mike Lucas

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
Dakota Mott	4-1-22	3:03		15:03	4/1/22
	4-1-22	16:15		4/4/22	10:00

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: 4/5/2022 10:31:00AM

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:	04/04/22 10:00	Work Order ID:	E204013
Phone:	(575) 390-6397	Date Logged In:	04/01/22 16:37	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	04/04/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
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

Project has been seperated into 2 reports due to amount of samples. Workorders are as follows:
E204013 COC page 1&2 of 4, E20414 COC Page 3&4 of 4. Sample times not provided on COC.

Client Instruction

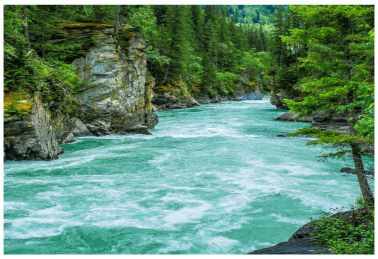
Signature of client authorizing changes to the COC or sample disposition.

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 18H

Work Order: E204014

Job Number: 20046-0001

Received: 4/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/5/22

Date Reported: 4/5/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 18H
Workorder: E204014
Date Received: 4/4/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/4/2022 10:00:00AM, under the Project Name: Jackson Unit 18H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 18H 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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Office: 505-632-1881
labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/05/22 17:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 14 - 2'	E204014-01A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 15 - 2'	E204014-02A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 16 - 2'	E204014-03A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 17 - 2'	E204014-04A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 18 - 2'	E204014-05A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Compe 19 - 2'	E204014-06A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 20 - 2'	E204014-07A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 21 - 2'	E204014-08A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 22 - 2'	E204014-09A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
Comp 23 - 2'	E204014-10A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 1 - 3'	E204014-11A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 2 - 3'	E204014-12A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 3 - 3'	E204014-13A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 4 - 2'	E204014-14A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 5 - 2'	E204014-15A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 6 - 2'	E204014-16A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 7 - 2'	E204014-17A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 8 - 4'	E204014-18A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 9 - 8'	E204014-19A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.
SW Comp 10 - 2'	E204014-20A	Soil	04/01/22	04/04/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 14 - 2'

E204014-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**52.8**	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 15 - 2'

E204014-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**41.9**	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 16 - 2'

E204014-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**31.3**	20.0	1	04/02/22	04/03/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 17 - 2'

E204014-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 18 - 2'

E204014-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**29.0**	20.0	1	04/02/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Compe 19 - 2'

E204014-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*92.9 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 20 - 2'

E204014-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*92.9 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*92.9 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 21 - 2'

E204014-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.7 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 22 - 2'

E204014-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.8 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.8 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Comp 23 - 2'

E204014-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Benzene	ND	0.0250	1	04/02/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/02/22	04/04/22	
Toluene	ND	0.0250	1	04/02/22	04/04/22	
o-Xylene	ND	0.0250	1	04/02/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/02/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/02/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214095
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*04/02/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2214092
Diesel Range Organics (C10-C28)	**26.1**	25.0	1	04/01/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/04/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*04/01/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2214098
Chloride	**59.0**	20.0	1	04/02/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 1 - 3'

E204014-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 2 - 3'

E204014-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*91.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 3 - 3'

E204014-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*89.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*89.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**181**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 4 - 2'

E204014-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*92.6 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	ND	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 5 - 2'

E204014-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*89.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*89.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**25.1**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 6 - 2'

E204014-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/04/22	
Toluene	ND	0.0250	1	04/04/22	04/04/22	
o-Xylene	ND	0.0250	1	04/04/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*90.2 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/04/22	
Surrogate: Bromofluorobenzene		*90.2 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*04/04/22*	*04/04/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*04/04/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**30.1**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 7 - 2'

E204014-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/05/22	
Toluene	ND	0.0250	1	04/04/22	04/05/22	
o-Xylene	ND	0.0250	1	04/04/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**365**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 8 - 4'

E204014-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/05/22	
Toluene	ND	0.0250	1	04/04/22	04/05/22	
o-Xylene	ND	0.0250	1	04/04/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*88.7 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*88.7 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**61.1**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 9 - 8'

E204014-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/05/22	
Toluene	ND	0.0250	1	04/04/22	04/05/22	
o-Xylene	ND	0.0250	1	04/04/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*88.3 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*88.3 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*96.0 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/22	04/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/22	04/04/22	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*04/04/22*	*04/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**148**	20.0	1	04/04/22	04/04/22	

Sample Data

Tap Rock	Project Name:	Jackson Unit 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

SW Comp 10 - 2'

E204014-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Benzene	ND	0.0250	1	04/04/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/04/22	04/05/22	
Toluene	ND	0.0250	1	04/04/22	04/05/22	
o-Xylene	ND	0.0250	1	04/04/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/04/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*87.8 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2215009
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/04/22	04/05/22	
Surrogate: Bromofluorobenzene		*87.8 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*04/04/22*	*04/05/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*04/04/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2215006
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/22	04/05/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/05/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215012
Chloride	**61.4**	20.0	1	04/04/22	04/04/22	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

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 (2215009-BLK1)									Prepared: 04/04/22 Analyzed: 04/05/22
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	*0.447*		*0.500*		*89.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.4*	*70-130*			
LCS (2215009-BS1)									Prepared: 04/04/22 Analyzed: 04/05/22
Benzene	2.69	0.0250	2.50		108	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.68	0.0250	2.50		107	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
p,m-Xylene	5.18	0.0500	5.00		104	70-130			
Total Xylenes	7.73	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS Dup (2215009-BSD1)									Prepared: 04/04/22 Analyzed: 04/05/22
Benzene	2.69	0.0250	2.50		107	70-130	0.335	23	
Ethylbenzene	2.69	0.0250	2.50		107	70-130	1.29	27	
Toluene	2.72	0.0250	2.50		109	70-130	1.20	24	
o-Xylene	2.59	0.0250	2.50		103	70-130	1.40	27	
p,m-Xylene	5.23	0.0500	5.00		105	70-130	0.961	27	
Total Xylenes	7.81	0.0250	7.50		104	70-130	1.11	27	
Surrogate: Bromofluorobenzene	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214095-BLK1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			
LCS (2214095-BS1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	4.38	0.0250	5.00		87.7	70-130			
Ethylbenzene	4.25	0.0250	5.00		85.0	70-130			
Toluene	4.41	0.0250	5.00		88.3	70-130			
o-Xylene	4.45	0.0250	5.00		89.0	70-130			
p,m-Xylene	8.77	0.0500	10.0		87.7	70-130			
Total Xylenes	13.2	0.0250	15.0		88.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.34*		*8.00*		*104*	*70-130*			
LCS Dup (2214095-BSD1)									Prepared: 04/02/22 Analyzed: 04/04/22
Benzene	4.67	0.0250	5.00		93.4	70-130	6.30	20	
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130	6.43	20	
Toluene	4.72	0.0250	5.00		94.4	70-130	6.68	20	
o-Xylene	4.76	0.0250	5.00		95.1	70-130	6.69	20	
p,m-Xylene	9.34	0.0500	10.0		93.4	70-130	6.39	20	
Total Xylenes	14.1	0.0250	15.0		94.0	70-130	6.49	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.50*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214095-BLK1)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2214095-BS2)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			
LCS Dup (2214095-BSD2)									Prepared: 04/02/22 Analyzed: 04/04/22
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	8.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215009-BLK1)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.447*		*0.500*		*89.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.492*		*0.500*		*98.4*	*70-130*			
LCS (2215009-BS2)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
LCS Dup (2215009-BSD2)									Prepared: 04/04/22 Analyzed: 04/05/22
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130	0.231	20	
Surrogate: Bromofluorobenzene	*0.464*		*0.500*		*92.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214092-BLK1)									Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
LCS (2214092-BS1)									Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	541	25.0	500		108	38-132			
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*50-200*			
Matrix Spike (2214092-MS1)				**Source: E204013-02**					Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	518	25.0	500	ND	104	38-132			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2214092-MSD1)				**Source: E204013-02**					Prepared: 04/01/22 Analyzed: 04/03/22
Diesel Range Organics (C10-C28)	500	25.0	500	ND	100	38-132	3.56	20	
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215006-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.7*		*50.0*		*123*	*50-200*			
LCS (2215006-BS1)									Prepared: 04/04/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	490	25.0	500		97.9	38-132			
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
Matrix Spike (2215006-MS1)				**Source: E204014-17**					Prepared: 04/04/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	504	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2215006-MSD1)				**Source: E204014-17**					Prepared: 04/04/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	493	25.0	500	ND	98.7	38-132	2.16	20	
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214098-BLK1)									Prepared: 04/02/22 Analyzed: 04/02/22
Chloride	ND	20.0							
LCS (2214098-BS1)									Prepared: 04/02/22 Analyzed: 04/04/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2214098-MS1)				**Source: E204013-02**					Prepared: 04/02/22 Analyzed: 04/03/22
Chloride	274	20.0	250	ND	110	80-120			
Matrix Spike Dup (2214098-MSD1)				**Source: E204013-02**					Prepared: 04/02/22 Analyzed: 04/03/22
Chloride	274	20.0	250	ND	110	80-120	0.109	20	

QC Summary Data

Tap Rock	Project Name:	Jackson Unit 18H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/5/2022 5:24:35PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215012-BLK1)									Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	ND	20.0							
LCS (2215012-BS1)									Prepared: 04/04/22 Analyzed: 04/05/22
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2215012-MS1)				**Source: E204014-04**					Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2215012-MSD1)				**Source: E204014-04**					Prepared: 04/04/22 Analyzed: 04/04/22
Chloride	251	20.0	250	ND	100	80-120	4.33	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 18H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/05/22 17:24

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 3 of 4

Client: TAPROCK
Project: JACKSON UNIT 184
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2427 W COUNTY RD
City, State, Zip HOBBS NM 88240
Phone: 575 390 6397
Email: NATALIE GLADDEN

Lab Use Only
Lab WO# E204014
Job Number 30016C0001

TAT: 1D X | 2D | 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 X | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	4/1/22	S	1	COMP 14 - 2'	1	
				COMP 15 - 2'	2	
				COMP 16 - 2'	3	
				COMP 17 - 2'	4	
				COMP 18 - 2'	5	
				COMP 19 - 2'	6	
				COMP 20 - 2'	7	
				COMP 21 - 2'	8	
				COMP 22 - 2'	9	
				COMP 23 - 2'	10	

Additional Instructions:

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

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
Caleb Mendoza	4-1-22	3:03	A R Bradley	4/1/22	15:03
A R Bradley	4-1-22	16:15	[signature]	4/4/22	10:00
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 | Page 4 of 4

Client:	TAPROOT
Project:	JACKSON UNIT 18H
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	1427 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390 6397
Email:	NAYALIC CLADDEV

Lab Use Only

Lab WO#	Job Number
E204014	20040000001

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
	4/1/22	S	1	SWCOMP.1 - 3'	11							X		
				SWCOMP.2 - 3'	12									
				SWCOMP.3 - 3'	13									
				SWCOMP.4 - 2'	14									
				SWCOMP.5 - 2'	15									
				SWCOMP.6 - 2'	16									
				SWCOMP.7 - 2'	17									
				SWCOMP.8 - 4'	18									
				SWCOMP.9 - 8'	19									
				SWCOMP.10 - 2'	20									

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: MACHWA

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
Dylcost Mont	4-1-22	3:03	[redacted]	4/1/22	15:03
FRBlady	4-1-22	16:45		4/4/22	10:00

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: 4/5/2022 10:35:05AM

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:	04/04/22 10:00	Work Order ID:	E204014
Phone:	(575) 390-6397	Date Logged In:	04/01/22 16:42	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	04/04/22 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
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

Project has been seperated into 2 reports due to amount of samples. Workorders are as follows:
E204013 COC page 1&2 of 4, E20414 COC Page 3&4 of 4. Sample times not provided on COC.

Client Instruction

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

Date

envirotech Inc.

JACKSON UNIT #018H
REMEDIATION AND FINAL PHOTOS


DEERE
Mar 28, 2022 10:47:54
32.196416N 103.583722W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson 18H ,remediation


Mar 28, 2022 11:32:26
32.209562N 103.561587W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Jackson 18H, remediation


Mar 28, 2022 11:20:17
32.196384N 103.583901W
Taprock Jackson 18H, remediation


Mar 28, 2022 13:59:30
32.196518N 103.583696W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson 18H, remediation


Mar 29, 2022 09:01:51
32.196527N 103.583755W
Jal
New Mexico
Taprock Jackson 18H - remediation


Mar 29, 2022 08:36:14
32.196316N 103.583694W
Jal
New Mexico
Taprock Jackson 18H - remediation


Mar 28, 2022 15:24:53
Taprock Jackson 18H...remediation

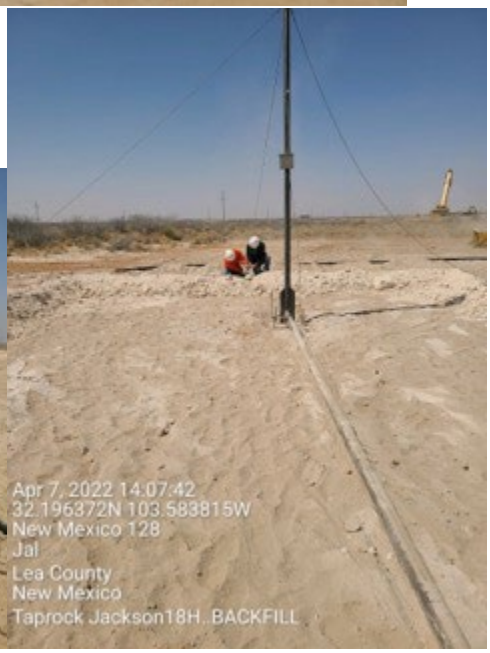

DEERE
Mar 29, 2022 13:36:21
32.196627N 103.583567W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson 18H...remediation


Mar 29, 2022 15:01:29
32.196462N 103.583663W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Jackson 18H...remediation


Mar 29, 2022 15:13:49
32.196612N 103.583973W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson 18H - remediation


Apr 7, 2022 14:34:14
32.196381N 103.583554W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 14:08:58
32.196523N 103.583931W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 14:07:42
32.196372N 103.583815W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 13:56:35
32.196353N 103.583798W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 11:02:11
32.196334N 103.583806W
Taprock Jackson18H..BACKFILL


Apr 7, 2022 11:01:45
32.196364N 103.583769W
Taprock Jackson18H..BACKFILL


Apr 7, 2022 10:02:50
32.196330N 103.583861W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 08:45:31
32.196376N 103.583535W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H. BACKFILL


Apr 7, 2022 08:45:26
32.196380N 103.583538W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H. BACKFILL


Apr 6, 2022 15:49:48
32.196537N 103.583137W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H. BACKFILL


Apr 6, 2022 15:44:10
32.200149N 103.583710W
Jal
New Mexico
Taprock Appllo A , BACKFILL
Apr 7, 2022 08:45:04
32.196407N 103.583410W
Taprock Jackson18H, BACKFILL


Apr 7, 2022 14:59:34
32.196641N 103.583490W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:59:03
32.196532N 103.583413W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:58:28
32.196391N 103.583588W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:57:57
32.196386N 103.583775W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:57:05
32.196380N 103.583881W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:57:01
32.196380N 103.583881W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:56:58
32.196380N 103.583881W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:56:48
32.196379N 103.583881W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:56:20
32.196375N 103.583882W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS


Apr 7, 2022 14:34:14
32.196381N 103.583554W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 14:08:58
32.196523N 103.583931W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Jackson18H..BACKFILL


Apr 7, 2022 15:00:06
32.196644N 103.583606W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Jackson18H..FINAL PICS

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: NATALIE GLADDEN Title: DIRECTOR OF ENVIRONMENTAL AND REGULATORY

Signature: Natalie Gladden Date: 4/12/22

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

OCD Only

Received by: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☒ Description of remediation activities

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

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory

Signature: Natalie Gladden Date: 4/12/22

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 05/18/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

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

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

CONDITIONS

Action 98043

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 98043
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/18/2022