



**JACKSON UNIT #907H
CLOSURE REQUEST**

**API NO. 30-025-48739
Unit Letter N, Section 22, Township 24S, Range 33E
LEA COUNTY, NEW MEXICO**

**DATE OF RELEASE: 05/28/2023
INCIDENT NO. NAPP2315045211**

**05/29/2024
Prepared by:**



**2724 NW COUNTY ROAD
HOBBS, NM 88240**

May 29, 2024

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

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

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

Subject: Closure Request for Tap Rock Operating – Jackson Unit #907H

API No. 30-025-48739

Incident No. NAPP2315045211

**Legal Unit Letter N, Section 22, Township 24 South, Range 33 East
Lea County, New Mexico**

To Whom it May Concern:

Tap Rock Operating, LLC retained Energy Staffing Services, LLC (ESS) to conduct a spill assessment for the Jackson Unit #907H (hereafter referred to as the “Jackson 907H”) for the condensate release that occurred on May 28th, 2023. On May 30th, 2023, ESS provided the immediate notification of the release to the *New Mexico Oil Conservation Division (NMOCD), Division II Office* and the *New Mexico State Land Office (SLO)* via email at 8:28 AM. (Notification Attached). On behalf of Tap Rock, ESS also submitted the initial C141 Release Notification, along with the spill calculator used to determine the volume of the release (attached) on May 30th, 2023. The NMOCD accepted the C141 as record on the same said date. The incident number assigned to the release is NAPP2315045211. (Notification of correspondence is attached).

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

Incident Description

On May 28th, 2023, a leak surfaced on the pad of the Jackson 907H. It was discovered that a buried flowline had corroded causing a pin hole sized leak of condensate. The well was immediately shut-in upon discovery and all saturated soil remained on the pad.

Upon discovery of the release, ESS was notified and dispatched out to location to conduct a full environmental site assessment of the condensate leak. It was determined, after measuring the area of impact, that approximately 199.05 barrels of condensate, with no fluid able to be recovered, had been released under the pad of the Jackson 907H. Initial site photos and measuring of the impacted area were conducted. Please see the initial site photos attached.

Site Characterization

The release at the Jackson 907H occurred on State Land and is located at 32.1981584 latitude and -103.5631563 longitude, 25 miles northwest of Jal, New Mexico. The legal description of the site is Unit Letter N, Section 22, Township 24 South, and Range 33 East. This site is located in Lea County, New Mexico. Please see the site schematic attached.

The Jackson 907H consists of production lines and is near production facilities and well pads. The area of the release occurred under the well pad of the Jackson 907H. The elevation is 3,543 feet. The area is historically or has been primarily dominated by black grama, sideoats grama, little bluestem, blue grama, and other perennial forms, shrubs, and grasses. Please find the attached Rangeland and Vegetation Classification information attached.

The *United States Department of Agriculture Natural Resources Conservation Services* indicates that the soil type in the area of the Jackson 907H consists of 97.4% Tonuco loamy fine sand, 2.4% Berino-Cacique association, and 0.2% Simona-Upton association sands. (Soil Map Attached). In the area of the Jackson 907H, the *FEMA National Flood Hazard Layer* indicates that there is 0.2% chance of a flood hazard with a 1% chance of flood with an average depth of one foot or with drainage areas of less than one square mile. (See Map Attached).

There is "low potential" for Karst Geology to be present near the Jackson 907H 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 907H. The site is not near a continuously flowing watercourse and or lakebed within ½ a mile from the release. No other critical or community features were found at the Jackson 907H site. (Attached Watercourse Map).

The nearest and most recent water well to site according to the *New Mexico Office of the State Engineer* is C04339 POD1, drilled in 2019 with a well depth of 47 feet and no groundwater data available. This well is located 1,094 yards from the site. The second well is C04339 POD8, drilled

in 2019 with a well depth of 30 feet and no groundwater data available, 1,151 yards from the site. The third well is C04339 POD7, drilled in 2019 with a well depth of 43 feet and no groundwater data available. This well is located 1,258 yards from the site. The fourth well is C04708 POD1, drilled in 2023 with a well depth of 100 feet and no groundwater data available, 1,282 yards from the site. The fifth well is C04339 POD2, drilled in 2019 with no available well depth or groundwater data. This well is located 1,358 yards from the site. An extended groundwater search was conducted using the *OSE POD Location Mapping System* and it has been determined that no other wells were found within a ½ mile radius of the Jackson 907H release. Please find the NMOSE, OSE POD, and groundwater map attached to this report.

Closure Criteria Determination

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

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

Soil Remediation Action Levels

ESS has provided sufficient data that this release has impacted the soil at the Jackson 907H release site and that the protocol is consistent with the remediation/abatement goals and objectives set forth in the *NMOCD Closure Criteria for Soils Impacted by a Release, dated August 14, 2018*. This document provides direction for Tap Rock’s initial response actions, site assessment, and sample procedures conducted by ESS Staff. We would like to present to you the following information concerning the delineation process for the release detailed herein.

Soil Sampling Procedures

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

- Collect clean samples in airtight glass jars supplied by the laboratory to conduct the analysis.
- Each sample jar was labelled with site and sample information.
- Samples were kept in and stored in a cool place and packed on ice.

- Promptly ship samples to the lab for analysis following the chain of custody procedures.

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

Volatile Organics by EPA 8021B

- Benzene, Toluene, Ethylbenzene, p.m. Xylene, o-Xylene and Total Xylenes

Nonhalogenated Organics by EPA 8015D – GRO

- Gasoline Range Organics (C6-C10)

Nonhalogenated Organics by EPA 8015D – DRO/ORO

- Diesel Range Organics (C10-C28)
- Oil Range Organics (C28-C40)

Anions by EPA 300.0/9056A

- Chloride

Release Investigation Data

On May 28th, 2023, ESS arrived on site of the Jackson 907H, set delineation sample points, GPS'd each sample point, and began to obtain surface samples. Each surface sample was field tested, logged, and submitted to Envirotech Laboratory for confirmation. A total of 28 vertical samples were placed along with 21 horizontal sample points. Each sample point was then sampled by use of backhoe and trackhoe in 1' and 2' intervals. Bottom hole samples were then submitted to the lab for confirmation. Please see the delineation sample data below, with the lab data indicated in yellow. Attached to this report you will find the sample data, delineation sample map, and the lab analysis.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	2480	H	57.4	1010	66800	20000	86800	4810
	1	2000							
	2	400							
	3	320							
	4	240							
	5	320							
	6	240							
	7	320							
	8	480							
	9	400							
	10	400							
	11	320							
	12	160	L	ND	ND	ND	ND	ND	ND
SP2	SURF	>4000	H	14.6	497	81400	23800	105200	10600

	1	720							
	2	720							
	3	400							
	4	240	L	ND	ND	ND	ND	ND	54.7

SP3	SURF	>4000	H	7.91	435	48700	16600	65300	12400
	1	1280							
	2	>4000							
	3	400							
	4	160	L	ND	ND	ND	ND	ND	ND

SP4	SURF	>4000	H	3.21	280	51400	16700	68100	29200
	1	1840							
	2	400							
	3	400							
	4	160	L	ND	ND	ND	ND	ND	ND

SP5	SURF	>4000	H	1.2	207	36000	12600	48600	26300
	1	240							
	2	240							
	3	>4000							
	4	320							
	5	160	L	ND	ND	ND	ND	ND	ND

SP6	SURF	>4000	H	0.54	147	26700	9740	36440	26400
	1	1760							
	2	320							
	3	320							
	4	240							
	5	160	L	ND	ND	ND	ND	ND	ND

SP7	SURF	>4000	H	1.1	178	35700	12700	48400	16700
	1	240							
	2	480							
	3	160	L	ND	ND	ND	ND	ND	ND

SP8	SURF	>4000	H	2.99	182	37500	11900	49400	10500
	1	1440							
	2	240							
	3	320							
	4	400							

	5	240							
	6	160	L	ND	ND	ND	ND	ND	ND

SP9	SURF	>4000	H	9.2	355	55500	17200	72700	6810
	1	2560							
	2	400							
	3	320							
	4	320							
	5	160	L	ND	ND	ND	ND	ND	ND

SP10	SURF	>4000	H	0.975	147	30900	10800	41700	11800
	1	2640							
	2	720							
	3	480							
	4	320							
	5	160	L	ND	ND	ND	ND	ND	ND

SP11	SURF	>4000	H	19.7	426	66600	18300	84900	5990
	2	560							
	4	240							
	6	240							
	8	160	L	ND	ND	ND	ND	ND	ND

SP12	SURF	>4000	H	0.94	140	30600	10200	40800	17300
	2	400							
	4	320							
	6	400	L	ND	ND	ND	ND	ND	ND

SP13	SURF	>4000	H	1.82	200	36800	11300	48100	14900
	2	320							
	4	240							
	6	160	L	ND	ND	ND	ND	ND	64.1

SP14	SURF	>4000	H	1.63	186	49200	16000	65200	14200
	2	800							
	4	480							
	6	400							
	8	160	L	ND	ND	ND	ND	ND	ND

SP15	SURF	>4000	H	2.41	259	66000	22200	88200	11100
	2	400							

	4	320							
	6	240	L	ND	ND	29.9	ND	29.9	116

SP16	SURF	1280	H	1.53	176	17000	17600	34600	879
	2	400							
	4	240							
	6	160	L	ND	ND	ND	ND	ND	53.1

SP17	SURF	2880	H	11.2	338	54200	15900	70100	4810
	2	400							
	4	320							
	6	320							
	8	160	L	ND	ND	ND	ND	ND	84.6

SP18	SURF	480	H	22.7	722	37200	11900	49100	517
	2	320							
	4	720							
	6	480							
	8	480							
	10	400							
	12	320							
	14	160	L	ND	ND	ND	ND	ND	ND

SP19	SURF	480	H	13.2	463	37400	14100	51500	662
	2	320							
	4	240							
	6	800							
	8	640							
	10	480							
	12	400							
	14	400							
	16	160	L	ND	ND	ND	ND	ND	65.3

SP20	SURF	3440	H	45.6	874	87900	25000	112900	351
	2	320							
	4	240							
	6	800							
	8	640							
	10	480							
	12	400							
	14	400							

	16	160	L	ND	ND	ND	ND	ND	63.3
SP21	SURF	480	H	22.7	459	41800	15300	57100	699
	2	560							
	4	320							
	6	160							
	8	160							
	10	160	L	ND	ND	ND	ND	ND	ND
SP22	SURF	>4000	H	10.1	447	27300	8440	35740	25600
	2	>4000							
	4	880							
	6	240							
	8	240	L	ND	ND	ND	ND	ND	174
SP23	SURF	>4000	H	1.29	133	7220	2540	9760	11000
	2	320							
	4	160							
	6	80	L	ND	ND	ND	ND	ND	ND
SP24	SURF	>4000	H	7.92	238	56000	19100	75100	13300
	2	240							
	4	160							
	6	160	L	ND	ND	ND	ND	ND	43.7
SP25	SURF	>4000	H	3.86	157	31100	9380	40480	11100
	2	480							
	4	400							
	6	160	L	ND	ND	ND	ND	ND	45.7
SP26	SURF	>4000	H	3.38	148	37600	12300	49900	7720
	2	240							
	4	160							
	6	160	L	ND	ND	ND	ND	ND	26.7
SP27	SURF	>4000	H	7.63	188	70400	19300	89700	12600
	2	560							
	4	400							
	6	160	L	ND	ND	ND	ND	ND	30.8
SP28	SURF	>4000	H	5.37	185	48600	16800	65400	12100

	2	320							
	4	240							
	6	160	L	ND	ND	ND	ND	ND	39.6
SW1	SURF	400	H	ND	ND	313	264	577	121
	1	240							
	2	160	L	ND	ND	ND	ND	ND	48
SW2	SURF	560	H	ND	ND	351	302	653	503
	1	320							
	2	160	L	ND	ND	25.1	ND	25.1	44.1
SW3	SURF	560	H	ND	ND	971	631	1602	295
	1	320							
	2	160	L	ND	ND	ND	ND	ND	49.6
SW4	SURF	400	H	ND	ND	934	550	1484	126
	1	240							
	2	160	L	ND	ND	ND	ND	ND	56.3
SW5	SURF	560	H	ND	ND	1440	1620	3060	370
	1	320							
	2	160	L	ND	ND	ND	ND	ND	115
SW6	SURF	320	H	ND	ND	547	381	928	195
	1	400							
	2	240	L	ND	ND	ND	ND	ND	83.2
SW7	SURF	2880	H	ND	ND	583	264	847	3240
	1	240							
	2	160	L	ND	ND	ND	ND	ND	37.4
SW8	SURF	480	H	ND	ND	1320	114	1434	341
	1	240							
	2	160	L	ND	ND	ND	ND	ND	ND
SW9	SURF	560	H	ND	ND	2530	2550	5080	774
	1	400							
	2	160	L	ND	ND	ND	ND	ND	21.7
SW10	SURF	560	H	ND	ND	1240	963	2203	486

	1	480							
	2	320	L	ND	ND	ND	ND	ND	ND
SW11	SURF	>4000	H	ND	ND	6060	1890	7950	4420
	1	400							
	2	240	L	ND	ND	ND	ND	ND	46.7
SW12	SURF	>4000	H	ND	ND	4420	3160	7580	14800
	1	480							
	2	320	L	ND	ND	ND	ND	ND	ND
SW13	SURF	1280	H	ND	ND	5420	3770	9190	1380
	1	400							
	2	560							
	3	400							
	4	1600							
	5	1200							
	6	640							
	7	1200							
	8	1200							
	9	480							
	10	320	H	ND	ND	167	237	404	330
	11	1200							
	12	1040							
	13	720							
	14	720							
	15	480							
	16	320							
	17	160	L	ND	ND	ND	ND	ND	63.6
SW14	SURF	2480	H	0.168	ND	14400	9040	23440	2690
	1	240							
	2	800							
	3	320							
	4	160	L	ND	ND	ND	ND	ND	ND
SW15	SURF	560	H	ND	ND	123	119	242	690
	1	400							
	2	320	L	ND	ND	ND	ND	ND	ND
SW16	SURF	400	H	ND	ND	188	186	374	518

	1	240							
	2	400							
	3	240	L	ND	ND	ND	ND	ND	36
SW17	SURF	480	H	ND	ND	258	160	418	600
	1	400							
	2	240	L	ND	ND	ND	ND	ND	ND
SW18	SURF	480	L	ND	ND	29.9	ND	29.9	327
	1	320							
	2	240	L	ND	ND	ND	ND	ND	21.2
SW19	SURF	1520	H	ND	ND	758	364	1122	1430
	1	960							
	2	640							
	3	320							
	4	240	L	ND	ND	ND	ND	ND	ND
SW20	SURF	560	H	ND	ND	573	257	830	176
	1	560							
	2	640							
	3	960							
	4	640							
	5	640							
	6	560							
	7	400	L	ND	ND	ND	ND	ND	85.6
SW21	SURF	560	L	ND	ND	ND	ND	ND	524
	1	400							
	2	160	L	ND	ND	ND	ND	ND	31.5

Please see the delineation photos attached herein.

On August 2nd, 2023, a 60-day extension request was sent to the NMOCD for the remediation phase of the Jackson 907H on behalf of Tap Rock and ESS. (Please see email attached).

On the same day, the NMOCD approved the 60-day extension request and updated the remediation due date to October 25th, 2023. (Please see email correspondence attached).

On January 22nd, 2024, ESS crews began to obtain 200 square foot composites from the excavation area. A total of 33 bottom hole composites were obtained, field tested, and

submitted to the lab for confirmation. Please find the composite sample data below as well as attached to this report followed by the lab confirmation data.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
COMP1	6	160	L	ND	ND	ND	ND	ND	91.6
COMP2	4	160	L	ND	ND	ND	ND	ND	99.4
COMP3	5	160	L	ND	ND	ND	ND	ND	92.2
COMP4	2	160	L	ND	ND	ND	ND	ND	91.9
COMP5	4	160	L	ND	ND	ND	ND	ND	92.4
COMP6	6	160	L	ND	ND	ND	ND	ND	88.1
COMP7	4	160	L	ND	ND	ND	ND	ND	90.5
COMP8	4	160	L	ND	ND	ND	ND	ND	92.5
COMP9	3	160	L	ND	ND	ND	ND	ND	90.3
COMP10	11	160	L	ND	ND	ND	ND	ND	90.4
COMP11	12	160	L	ND	ND	ND	ND	ND	91.1
COMP12	14	160	L	ND	ND	ND	ND	ND	90.3
COMP13	14	160	L	ND	ND	ND	ND	ND	90
COMP14	6	160	L	ND	ND	ND	ND	ND	90.7
COMP15	4	160	L	ND	ND	ND	ND	ND	91.4
SWCOMP1	6	160	L	ND	ND	ND	ND	ND	92.3
SWCOMP2	4	160	L	ND	ND	ND	ND	ND	91
SWCOMP3	5	160	L	ND	ND	ND	ND	ND	90.5
SWCOMP4	2	160	L	ND	ND	ND	ND	ND	89.4

SWCOMP5	4	160	L	ND	ND	ND	ND	ND	90.7
SWCOMP6	6	160	L	ND	ND	ND	ND	ND	89.9
SWCOMP7	4	160	L	ND	ND	ND	ND	ND	91.6
SWCOMP8	4	160	L	ND	ND	ND	ND	ND	91.3
SWCOMP9	3	160	L	ND	ND	ND	ND	ND	89.7
SWCOMP10	11	160	L	ND	ND	ND	ND	ND	91.6
SWCOMP11	11	160	L	ND	ND	ND	ND	ND	90.3
SWCOMP12	12	160	L	ND	ND	ND	ND	ND	91.7
SWCOMP13	14	160	L	ND	ND	ND	ND	ND	91
SWCOMP14	6	160	L	ND	ND	ND	ND	ND	90.2
SWCOMP15	4	160	L	ND	ND	ND	ND	ND	90.2
SWCOMP16	6	160	L	ND	ND	ND	ND	ND	91.4
SWCOMP17	4	160	L	ND	ND	ND	ND	ND	92.3
SWCOMP18	6	160	L	ND	ND	ND	ND	ND	92.2

The impacted area of the Jackson 907H measured 14,162 square feet. During the remediation phase, a total of 4,435 cubic yards of contaminated soil was excavated and hauled to the Owl Disposal. A total of 4,844 cubic yards of caliche and 256 cubic yards of topsoil was pushed up and hauled from the NGL Bonnanno Pit to location for backfill. The backfill material was staged on the production pad of the Jackson 907H and then transferred to the impacted area where backfilling took place. The site was contoured and sloped back to its natural grade. Backfilling of the Jackson 907H was completed on February 6th, 2024.

Please find the remediation and final photos attached herein.

Closure Request

On behalf of Tap Rock, Energy Staffing Services, LLC requests that the incident (NAPP2315045211) be closed for the condensate leak that occurred under the pad of the Jackson Unit #907H. Tap Rock and ESS certify that all information provided and that is detailed in this report to be true and correct. Both Tap Rock and ESS have complied with all applicable closure requirements for the release that occurred on the Jackson Unit #907H.

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

Sincerely,



Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



Attachments

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

Natalie Gladden

From: Natalie Gladden
Sent: Tuesday, May 30, 2023 8:28 AM
To: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; ocdonline, emnrd, EMNRD; Harimon, Jocelyn, EMNRD; spills@slo.state.nm.us
Cc: Christian Combs; 'Bill Ramsey'; Dakoatah Montanez
Subject: TAPROCK - JACKSON UNIT #907H - SPILL NOTIFICATION

Importance: High

All,

On 5/28/23 a leak had surfaced on the Jackson Unit #907H from a buried flowline. Site was assessed and the following information is known at this time:

Site Name: Jackson Unit #907H

API No. 30-025-48739

Legals: N-22-24S-33E

County: Lea

Cause of release: Flowline leak underground due to corrosion

Bbls Released: approximately 199.05 of produced water based on surface saturation and size of release

Bbls Recovered: 0bbls, all fluid soaked in when well was shut off

The release is on the production pad only, no pasture or road areas were affected by the release.

A C141 will be uploaded today, if you have any questions, please do not hesitate to contact me.

Sincerely,

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com

32.1981584
-103.5431563

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 # <i>(assigned by OCD)</i>
Contact mailing address 523 Park Point	Golden CO 80401

Location of Release Source

Latitude **32.1981584** Longitude **-103.5631563**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name JACKSON UNIT #907H	Site Type PRODUCTION
Date Release Discovered 5/28/23	API# <i>(if applicable)</i> 30-025-48739

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

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

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)		
<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 199.05bbls	Volume Recovered (bbls) 0bbls
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
<p>Cause of Release A leak surfaced on the pad. The buried flowline had a pin size hole due to corrosion. The well was shut-in and all of the saturated soil remained on the pad. No fluid was recovered.</p>		

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?
Volume

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 by Natalie Gladden from ESS at 4:22pm on May 11th; email was sent to the OCD spill email, Mike Bratcher, Robert Hamlet, Jennifer Nobui, Jocelyn Harimon and to the SLO.

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: Environmental and Regulatory Director

Signature:  Date: 5/30/23

email: natalie@energystaffingllc.com

Telephone: 575-390-6397

OCD Only

Received by: _____ Date: _____

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	10	10	0.083	8.3	0.24	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravelly Sand	0.26	10	10	0.083	8.3	0.38	Gravelly Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	267.03	62.98	0.332	5583.4264	199.05	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 or whether a C-141 should be required (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)

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 221779

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 221779
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	None	6/1/2023



JACKSON UNIT #907H

INITIAL SITE PHOTOS

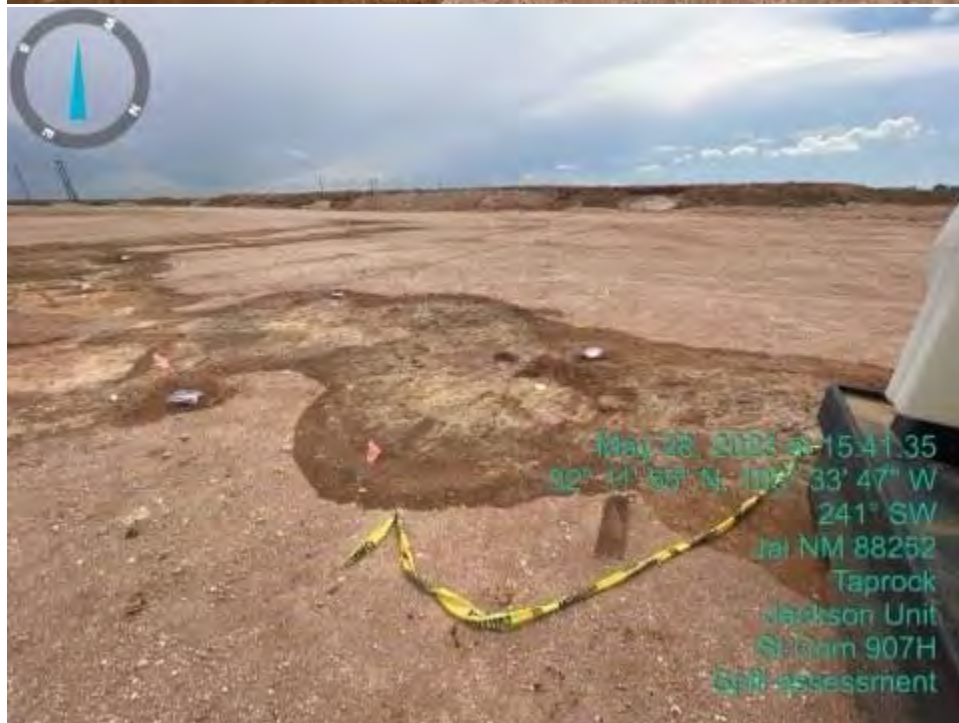






































Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

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

JACKSON UNIT #907H

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/31/2024
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Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition---Lea County, New Mexico

JACKSON UNIT #907H

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

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

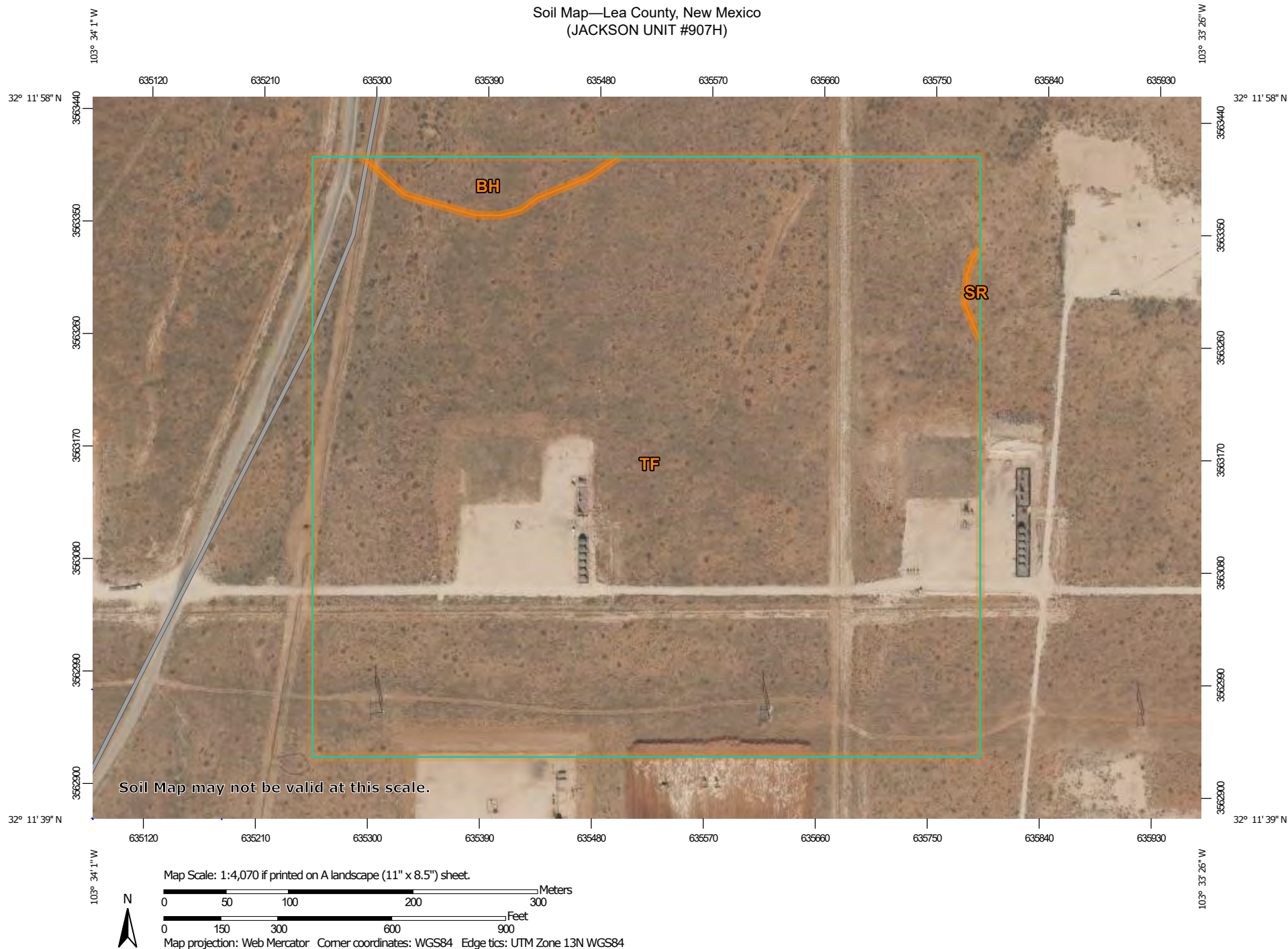


Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/31/2024
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Soil Map—Lea County, New Mexico
(JACKSON UNIT #907H)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

5/31/2024
Page 1 of 3

Soil Map—Lea County, New Mexico
(JACKSON UNIT #907H)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

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

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

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

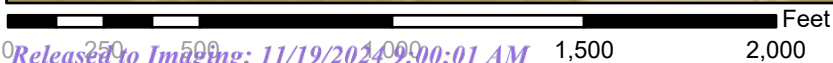
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	1.5	2.4%
SR	Simona-Upton association	0.1	0.2%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	62.3	97.4%
Totals for Area of Interest		63.9	100.0%

National Flood Hazard Layer FIRMette



103°34'6"W 32°12'9"N



1:6,000

103°33'29"W 32°11'38"N

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 Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/31/2024 at 12:28 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 #907H
WATERCOURSE MAP

Legend

 JACKSON UNIT 907H





New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 635431

Northing (Y): 3563305.33

Radius: 1000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	POD Sub-Code	basin	County	Source	q 6416	q 4	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04339 POD1	CUB	LE			1	3	3	23	24S	33E	636525	3563309	1094	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	1151	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	1258	07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEG..TY" ENER	1575
C 04708 POD1	CUB	LE			1	3	4	21	24S	33E	634149	3563262	1282	03/23/2023	03/27/2023	06/23/2023	100		JOE SKAGGS	1453
C 04339 POD2	CUB	LE			2	3	3	23	24S	33E	636789	3563315	1358	08/06/2019	08/06/2019	08/22/2019			CURRIE, SHANEG..TY" ENER	1575
C 03600 POD4	CUB	LE	Shallow		3	3	1	26	24S	33E	636617	3562293	1558	01/08/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD3	CUB	LE			2	4	3	23	24S	33E	637273	3563323	1842	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	1842	08/06/2019	08/07/2019	08/22/2019	47		CURRIE, SHANEG..TY" ENER	1575
C 03600 POD7	CUB	LE	Shallow		3	1	3	26	24S	33E	636726	3561968	1861	01/08/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD1	CUB	LE	Shallow		2	2	1	26	24S	33E	637275	3563023	1865	01/07/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 03565 POD9	CUB	LE			4	4	15	24S	33E	33E	636430	3565005	1971			04/02/2013				
C 04339 POD5	CUB	LE			2	3	4	23	24S	33E	637580	3563328	2148	08/06/2019	08/07/2019	08/22/2019	54		CURRIE, SHANEG..TY" ENER	1575
C 04339 POD6	CUB	LE			3	1	2	23	24S	33E	637340	3564386	2194	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	2216	08/19/2013	08/20/2013	09/16/2013	550	110	JOHN SIRMAN	1654
C 04339 POD10	CUB	LE			4	1	4	23	24S	33E	637688	3563503	2265	08/01/2019	08/01/2019	08/22/2019	49		CURRIE, SHANEG..TY" ENER	1575
C 03565 POD8	CUB	LE			4	1	15	24S	33E	33E	635485	3565610	2305			04/02/2013				

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


















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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Sub-											Log File				Depth	Depth	Driller	License Number				
POD Number	Code	basin	County	Source	q	q	q	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date			Date	Well	Water	
C 03600 POD6	CUB	LE	Shallow	3	1	4	26	24S	33E			637383	3562026		2333	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 04339 POD9	CUB	LE		3	4	2	23	24S	33E			637731	3563913		2378	08/01/2019	08/01/2019	08/22/2019	45		CURRIE, SHANEG..TY" ENER	1575
C 03601 POD6	CUB	LE	Shallow	1	4	4	23	24S	33E			637834	3563338		2402	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD2	CUB	LE	Shallow	3	2	4	23	24S	33E			637846	3563588		2431	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		2518	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		2543	01/16/2013	01/16/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD5	CUB	LE	Shallow	2	4	4	23	24S	33E			637988	3563334		2557	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD3	CUB	LE	Shallow	4	1	1	35	24S	33E			636890	3561092		2650	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD3	CUB	LE	Shallow	1	3	3	24	24S	33E			638142	3563413		2712	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03600 POD5	CUB	LE	Shallow	3	2	4	26	24S	33E			637857	3562020		2745	01/09/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD1	CUB	LE	Shallow	4	4	2	23	24S	33E			638124	3563937		2766	12/21/2012	12/21/2012	01/08/2013			RODNEY HAMMER	1186
C 03603 POD5	CUB	LE	Shallow	3	3	2	35	24S	33E			636745	3560767		2857	01/12/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD2	CUB	LE	Shallow	3	1	2	35	24S	33E			637384	3561167		2895	01/11/2013	01/11/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD6	CUB	LE	Shallow	3	1	3	35	24S	33E			636749	3560447		3147	01/13/2013	01/13/2013	01/30/2013			RODNEY HAMMER	1186
C 03603 POD1	CUB	LE	Shallow	3	2	2	35	24S	33E			637805	3561225		3156	01/10/2013	01/10/2013	01/30/2013			RODNEY HAMMER	1186
C 04824 POD1	CUB	LE		1	1	2	16	24S	33E			634113	3566203		3184	04/16/2024	04/16/2024	04/25/2024	105		JASON MALEY	1833
C 03601 POD4	CUB	LE	Shallow	3	3	3	24	24S	33E			638162	3561375		3344	01/03/2013	01/04/2013	01/30/2013			RODNEY HAMMER	1186
C 03917 POD1	C	LE	Shallow	4	1	3	13	24S	33E			638374	3565212		3506	03/01/2016	03/04/2016	03/11/2016	600	420	CASE KEY	1058
C 03600 POD2	CUB	LE	Shallow	4	4	1	25	24S	33E			638824	3562329		3530	01/07/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
C 03602 POD2	CUB	LE	Shallow	4	4	1	25	24S	33E			638824	3562329		3530	01/15/2013	01/15/2013	01/30/2013			RODNEY HAMMER	1186






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

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

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

(NAD83 UTM in meters)

(in feet)

POD Number	POD Sub-Code		basin	County	Source	q q q				Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date		Depth Well	Depth Water	Driller	License Number
						6	4	1	4													
C 03603 POD4	CUB	LE		Shallow		3	2	4	35	24S	33E	637789	3560461		3694	01/14/2013	01/14/2013	01/30/2013			RODNEY HAMMER	1186
C 04741 POD1	CUB	LE				1	2	4	10	24S	33E	636076	3567039		3789	05/08/2023	05/11/2023	06/15/2023	55		JOHN W WHITE	1456
C 03666 POD1	C	LE		Shallow		2	3	4	13	24S	33E	639132	3565078		4104	10/18/2013	10/26/2013	11/14/2013	650	390	CASEY KEYS	1058
C 03565 POD3	CUB	LE				3	4		08	24S	33E	632763	3566546		4198	09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
C 04768 POD1	CUB	LE				3	3	4	19	24S	33E	631048	3563110		4387	12/13/2023	12/13/2023	01/12/2024	55		JASON MALEY	1833

Record Count: 41

UTMNAD83 Radius Search (in meters):

Easting (X): 635431

Northing (Y): 3563305.33

Radius: 5000


The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



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:	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/31/24 10:33 AM

Page 1 of 1


POD SUMMARY - C 04339 POD1



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:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/31/24 10:34 AM


Page 1 of 1

POD SUMMARY - C 04339 POD8



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		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:**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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Page 1 of 1

POD SUMMARY - C 04339 POD7



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)

Well Tag

POD Number

Q64 Q16 Q4 Sec Tws Rng

X

Y

NA

C 04708 POD1

1 3 4 21 24S 33E

634149

3563262

Driller License: 1453

Driller Company: HYDROTECH DRILLING

Driller Name: JOE SKAGGS

Drill Start Date: 03/23/2023

Drill Finish Date: 03/27/2023

Plug Date:

Log File Date: 06/23/2023

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 3.00

Depth Well: 100 feet

Depth Water:

Casing Perforations:

Top Bottom

80 100


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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 

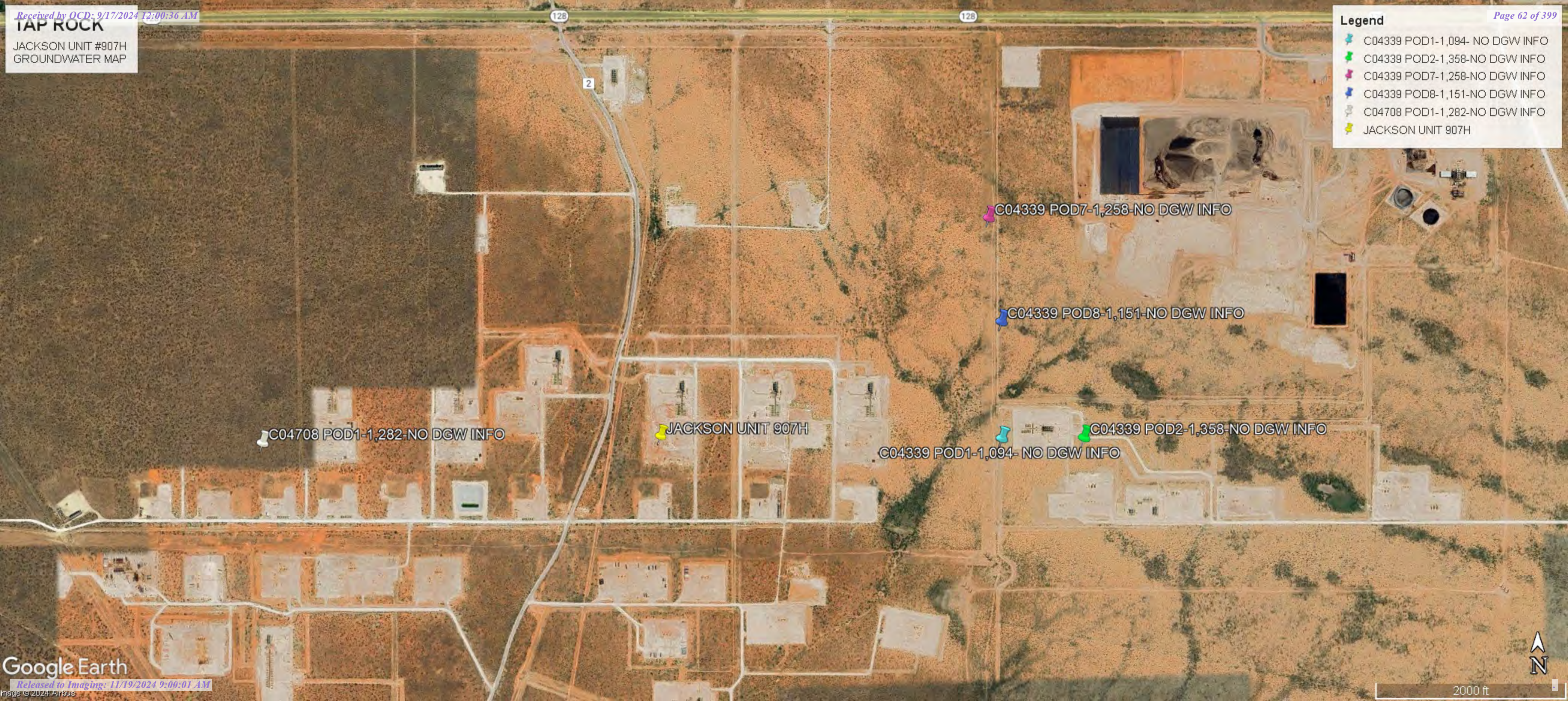
Driller License: 1575	Driller Company: CURRIE DRILLING COMPANY, INC	
Driller Name: CURRIE, SHANEG..TY"ENER		
Drill Start Date: 08/06/2019	Drill Finish Date: 08/06/2019	Plug Date: 08/06/2019
Log File Date: 08/22/2019	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size:	Depth Well:	Depth Water:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

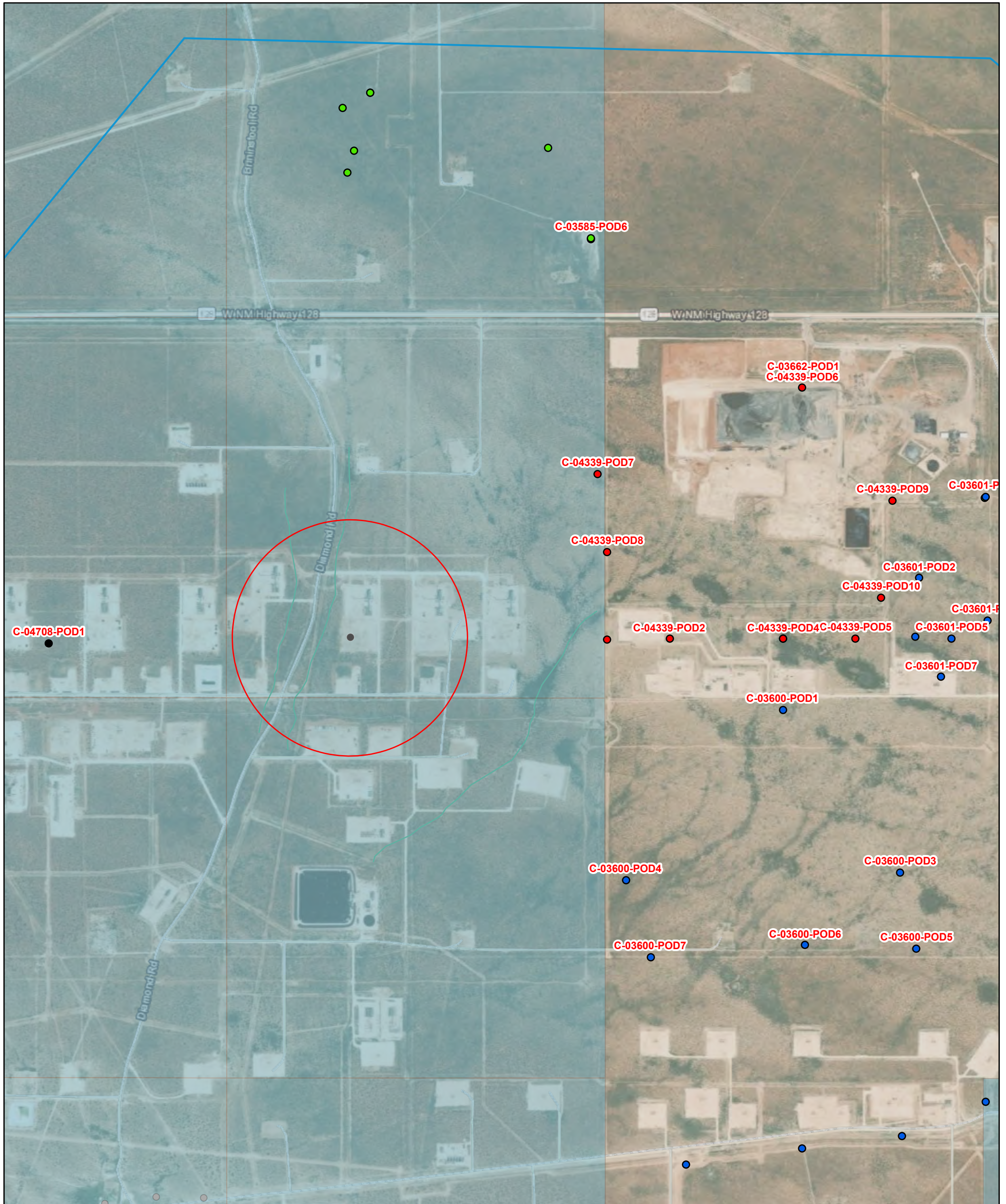
5/31/24 10:35 AM

Page 1 of 1

POD SUMMARY - C 04339 POD2



OSE POD Location Map



6/18/2024, 11:22:43 AM

GIS WATERS PODs

- Active

- Pending

- Inactive

- Plugged

 OSE District Boundary

Water Right Regulations

Closure Area

 Artesian Planning Area

New Mexico State Trust Lands

 Both Estates

NHD Flowlines

— Stream River

1:18,056

A number line with two scales. The top scale is labeled in miles (mi) and has major tick marks at 0, 0.17, 0.35, and 0.7. The bottom scale is labeled in kilometers (km) and has major tick marks at 0, 0.28, 0.55, and 1.1. The scales are aligned such that 0.17 miles corresponds to 0.28 kilometers, and 0.35 miles corresponds to 0.55 kilometers.

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

Cc: 'Bill Ramsey' <Bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>
Subject: [EXTERNAL] Tap Rock - Jackson Unit #907H - Extension Request- nAPP2315045211

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

All,

On behalf of Tap Rock, ESS would like to request a 60-day extension for the below release. The site has been fully delineated, and we will start the remediation process in the next few weeks.

Location: Jackson Unit #907H
API No: 30-025-48739
Incident ID: nAPP2315045211

If you have any questions or concerns, please let me know.

Sincerely,

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



Natalie Gladden

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, August 2, 2023 2:24 PM
To: Natalie Gladden; ocdonline, emnrd, EMNRD; Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD; shelly.wells@emnrd.nm.
Cc: 'Bill Ramsey'; Christian Combs
Subject: Re: [EXTERNAL] Tap Rock - Jackson Unit #907H - Extension Request- nAPP2315045211

Natalie,

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

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

Regards,

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



From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Wednesday, August 2, 2023 2:12 PM
To: ocdonline, emnrd, EMNRD <emnrd.ocdonline@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; shelly.wells@emnrd.nm. <shelly.wells@emnrd.nm.>

Company Name: TAP ROCK

LOCATION: JACKSON UNIT 907H

Release Date:

SP ID	Depth	Titrr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
SP1	SURF	2480	H	57.4	1010	66800	20000	86800	4810	
	1	2000								
	2	400								
	3	320								
	4	240								
	5	320								
	6	240								
	7	320								
	8	480								
	9	400								
	10	400								
	11	320								
	12	160	L	ND	ND	ND	ND	ND	ND	
SP2	SURF	>4000	H	14.6	497	81400	23800	105200	10600	
	1	720								
	2	720								
	3	400								
	4	240	L	ND	ND	ND	ND	ND	54.7	
SP3	SURF	>4000	H	7.91	435	48700	16600	65300	12400	
	1	1280								
	2	>4000								
	3	400								
	4	160	L	ND	ND	ND	ND	ND	ND	
SP4	SURF	>4000	H	3.21	280	51400	16700	68100	29200	
	1	1840								
	2	400								
	3	400								
	4	160	L	ND	ND	ND	ND	ND	ND	

SP5	SURF	>4000	H	1.2	207	36000	12600	48600	26300	
	1	240								
	2	240								
	3	>4000								
	4	320								
	5	160	L	ND	ND	ND	ND	ND	ND	
SP6	SURF	>4000	H	0.54	147	26700	9740	36440	26400	
	1	1760								
	2	320								
	3	320								
	4	240								
	5	160	L	ND	ND	ND	ND	ND	ND	
SP7	SURF	>4000	H	1.1	178	35700	12700	48400	16700	
	1	240								
	2	480								
	3	160	L	ND	ND	ND	ND	ND	ND	
SP8	SURF	>4000	H	2.99	182	37500	11900	49400	10500	
	1	1440								
	2	240								
	3	320								
	4	400								
	5	240								
	6	160	L	ND	ND	ND	ND	ND	ND	
SP9	SURF	>4000	H	9.2	355	55500	17200	72700	6810	
	1	2560								
	2	400								
	3	320								
	4	320								
	5	160	L	ND	ND	ND	ND	ND	ND	

SP10	SURF	>4000	H	0.975	147	30900	10800	41700	11800	
	1	2640								
	2	720								
	3	480								
	4	320								
	5	160	L	ND	ND	ND	ND	ND	ND	
SP11	SURF	>4000	H	19.7	426	66600	18300	84900	5990	
	2	560								
	4	240								
	6	240								
	8	160	L	ND	ND	ND	ND	ND	ND	
SP12	SURF	>4000	H	0.94	140	30600	10200	40800	17300	
	2	400								
	4	320								
	6	400	L	ND	ND	ND	ND	ND	ND	
SP13	SURF	>4000	H	1.82	200	36800	11300	48100	14900	
	2	320								
	4	240								
	6	160	L	ND	ND	ND	ND	ND	64.1	
SP14	SURF	>4000	H	1.63	186	49200	16000	65200	14200	
	2	800								
	4	480								
	6	400								
	8	160	L	ND	ND	ND	ND	ND	ND	
SP15	SURF	>4000	H	2.41	259	66000	22200	88200	11100	
	2	400								
	4	320								
	6	240	L	ND	ND	29.9	ND	29.9	116	

SP16	SURF	1280	H	1.53	176	17000	17600	34600	879	
	2	400								
	4	240								
	6	160	L	ND	ND	ND	ND	ND	53.1	
SP17	SURF	2880	H	11.2	338	54200	15900	70100	4810	
	2	400								
	4	320								
	6	320								
	8	160	L	ND	ND	ND	ND	ND	84.6	
SP18	SURF	480	H	22.7	722	37200	11900	49100	517	
	2	320								
	4	720								
	6	480								
	8	480								
	10	400								
	12	320								
	14	160	L	ND	ND	ND	ND	ND	ND	
SP19	SURF	480	H	13.2	463	37400	14100	51500	662	
	2	320								
	4	240								
	6	800								
	8	640								
	10	480								
	12	400								
	14	400								
	16	160	L	ND	ND	ND	ND	ND	65.3	
SP20	SURF	3440	H	45.6	874	87900	25000	112900	351	
	2	320								
	4	240								

	6	800								
	8	640								
	10	480								
	12	400								
	14	400								
	16	160	L	ND	ND	ND	ND	ND	63.3	
SP21	SURF	480	H	22.7	459	41800	15300	57100	699	
	2	560								
	4	320								
	6	160								
	8	160								
	10	160	L	ND	ND	ND	ND	ND	ND	
SP22	SURF	>4000	H	10.1	447	27300	8440	35740	25600	
	2	>4000								
	4	880								
	6	240								
	8	240	L	ND	ND	ND	ND	ND	174	
SP23	SURF	>4000	H	1.29	133	7220	2540	9760	11000	
	2	320								
	4	160								
	6	80	L	ND	ND	ND	ND	ND	ND	
SP24	SURF	>4000	H	7.92	238	56000	19100	75100	13300	
	2	240								
	4	160								
	6	160	L	ND	ND	ND	ND	ND	43.7	
SP25	SURF	>4000	H	3.86	157	31100	9380	40480	11100	
	2	480								
	4	400								
	6	160	L	ND	ND	ND	ND	ND	45.7	

SP26	SURF	>4000	H	3.38	148	37600	12300	49900	7720	
	2	240								
	4	160								
	6	160	L	ND	ND	ND	ND	ND	26.7	
SP27	SURF	>4000	H	7.63	188	70400	19300	89700	12600	
	2	560								
	4	400								
	6	160	L	ND	ND	ND	ND	ND	30.8	
SP28	SURF	>4000	H	5.37	185	48600	16800	65400	12100	
	2	320								
	4	240								
	6	160	L	ND	ND	ND	ND	ND	39.6	
SW1	SURF	400	H	ND	ND	313	264	577	121	
	1	240								
	2	160	L	ND	ND	ND	ND	ND	48	
SW2	SURF	560	H	ND	ND	351	302	653	503	
	1	320								
	2	160	L	ND	ND	25.1	ND	25.1	44.1	
SW3	SURF	560	H	ND	ND	971	631	1602	295	
	1	320								
	2	160	L	ND	ND	ND	ND	ND	49.6	
SW4	SURF	400	H	ND	ND	934	550	1484	126	
	1	240								
	2	160	L	ND	ND	ND	ND	ND	56.3	
SW5	SURF	560	H	ND	ND	1440	1620	3060	370	
	1	320								

	2	160	L	ND	ND	ND	ND	ND	115	
SW6	SURF	320	H	ND	ND	547	381	928	195	
	1	400								
	2	240	L	ND	ND	ND	ND	ND	83.2	
SW7	SURF	2880	H	ND	ND	583	264	847	3240	
	1	240								
	2	160	L	ND	ND	ND	ND	ND	37.4	
SW8	SURF	480	H	ND	ND	1320	114	1434	341	
	1	240								
	2	160	L	ND	ND	ND	ND	ND	ND	
SW9	SURF	560	H	ND	ND	2530	2550	5080	774	
	1	400								
	2	160	L	ND	ND	ND	ND	ND	21.7	
SW10	SURF	560	H	ND	ND	1240	963	2203	486	
	1	480								
	2	320	L	ND	ND	ND	ND	ND	ND	
SW11	SURF	>4000	H	ND	ND	6060	1890	7950	4420	
	1	400								
	2	240	L	ND	ND	ND	ND	ND	46.7	
SW12	SURF	>4000	H	ND	ND	4420	3160	7580	14800	
	1	480								
	2	320	L	ND	ND	ND	ND	ND	ND	
SW13	SURF	1280	H	ND	ND	5420	3770	9190	1380	
	1	400								
	2	560								
	3	400								

	4	1600								
	5	1200								
	6	640								
	7	1200								
	8	1200								
	9	480								
	10	320	H	ND	ND	167	237	404	330	
	11	1200								
	12	1040								
	13	720								
	14	720								
	15	480								
	16	320								
	17	160	L	ND	ND	ND	ND	ND	63.6	
SW14	SURF	2480	H	0.168	ND	14400	9040	23440	2690	
	1	240								
	2	800								
	3	320								
	4	160	L	ND	ND	ND	ND	ND	ND	
SW15	SURF	560	H	ND	ND	123	119	242	690	
	1	400								
	2	320	L	ND	ND	ND	ND	ND	ND	
SW16	SURF	400	H	ND	ND	188	186	374	518	
	1	240								
	2	400								
	3	240	L	ND	ND	ND	ND	ND	36	
SW17	SURF	480	H	ND	ND	258	160	418	600	
	1	400								
	2	240	L	ND	ND	ND	ND	ND	ND	

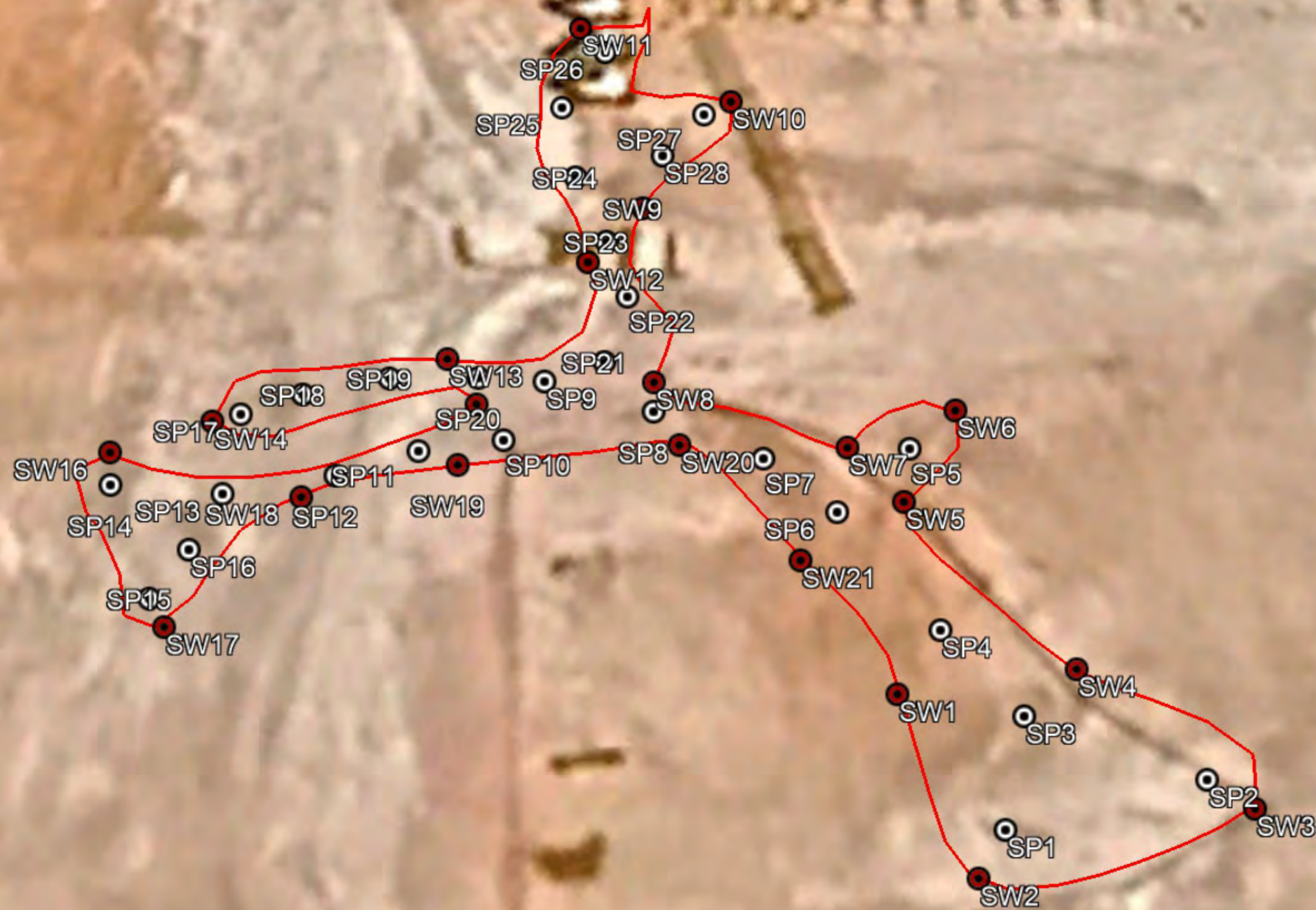
SW18	SURF	480	L	ND	ND	29.9	ND	29.9	327	
	1	320								
	2	240	L	ND	ND	ND	ND	ND	21.2	
SW19	SURF	1520	H	ND	ND	758	364	1122	1430	
	1	960								
	2	640								
	3	320								
	4	240	L	ND	ND	ND	ND	ND	ND	
SW20	SURF	560	H	ND	ND	573	257	830	176	
	1	560								
	2	640								
	3	960								
	4	640								
	5	640								
	6	560								
	7	400	L	ND	ND	ND	ND	ND	85.6	
SW21	SURF	560	L	ND	ND	ND	ND	ND	524	
	1	400								
	2	160	L	ND	ND	ND	ND	ND	31.5	

TAP ROCK

JACKSON UNIT #907H
DELINEATION MAP

Legend

- HORIZONTAL SAMPLE POINTS
- Taprock Jackson 907H- 14,916 SQ. FT.
- VERTICAL SAMPLE POINTS



COMPANY: TAP ROCK**LOCATION: JACKSON UNIT #907H**

POINT	LATITUDE	LONGITUDE
SP1	32.198398°	-103.563044°
SP2	32.198409°	-103.562969°
SP3	32.198433°	-103.563031°
SP4	32.198463°	-103.563057°
SP5	32.198527°	-103.563059°
SP6	32.198506°	-103.563090°
SP7	32.198527°	-103.563116°
SP8	32.198547°	-103.563157°
SP9	32.198561°	-103.563199°
SP10	32.198540°	-103.563216°
SP11	32.198538°	-103.563249°
SP12	32.198531°	-103.563281°
SP13	32.198527°	-103.563324°
SP14	32.198533°	-103.563367°
SP15	32.198492°	-103.563350°
SP16	32.198508°	-103.563336°
SP17	32.198556°	-103.563318°
SP18	32.198562°	-103.563294°
SP19	32.198566°	-103.563260°
SP20	32.198564°	-103.563225°
SP21	32.198567°	-103.563175°
SP22	32.198592°	-103.563164°
SP23	32.198615°	-103.563171°
SP24	32.198643°	-103.563182°
SP25	32.198674°	-103.563186°
SP26	32.198698°	-103.563166°
SP27	32.198667°	-103.563126°
SP28	32.198650°	-103.563145°
SW1	32.198443°	-103.563076°
SW2	32.198384°	-103.563056°
SW3	32.198399°	-103.562954°
SW4	32.198447°	-103.563009°
SW5	32.198508°	-103.563064°
SW6	32.198540°	-103.563039°
SW7	32.198529°	-103.563083°
SW8	32.198558°	-103.563156°
SW9	32.198628°	-103.563155°
SW10	32.198672°	-103.563114°
SW11	32.198710°	-103.563176°
SW12	32.198607°	-103.563179°
SW13	32.198572°	-103.563237°

SW14	32.198554°	-103.563329°
SW15	32.198554°	-103.563226°
SW16	32.198545°	-103.563368°
SW17	32.198482°	-103.563344°
SW18	32.198524°	-103.563294°
SW19	32.198532°	-103.563234°
SW20	32.198534°	-103.563148°
SW21	32.198490°	-103.563106°

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit 907 H

Work Order: E305189

Job Number: 20046-0001

Received: 5/31/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/1/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/1/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson Unit 907 H
Workorder: E305189
Date Received: 5/31/2023 6:25:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2023 6:25:00AM, under the Project Name: Jackson Unit 907 H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 907 H 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/01/23 10:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - SURF	E305189-01A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP2 - SURF	E305189-02A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP3 - SURF	E305189-03A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP4 - SURF	E305189-04A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP5 - SURF	E305189-05A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP6 - SURF	E305189-06A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP7 - SURF	E305189-07A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP8 - SURF	E305189-08A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP9 - SURF	E305189-09A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP10 - SURF	E305189-10A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP11 - SURF	E305189-11A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP12 - SURF	E305189-12A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP13 - SURF	E305189-13A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP14 - SURF	E305189-14A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP15 - SURF	E305189-15A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP16 - SURF	E305189-16A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP17 - SURF	E305189-17A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP18 - SURF	E305189-18A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP19 - SURF	E305189-19A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP20 - SURF	E305189-20A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP21 - SURF	E305189-21A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP22 - SURF	E305189-22A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP23 - SURF	E305189-23A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP24 - SURF	E305189-24A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP25 - SURF	E305189-25A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP26 - SURF	E305189-26A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP27 - SURF	E305189-27A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.
SP28 - SURF	E305189-28A	Soil	05/28/23	05/31/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson Unit 907 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/1/2023 10:06:51AM
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SP1 - SURF

E305189-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	4.78	0.125	5	05/30/23	05/31/23	
Toluene	2.00	0.125	5	05/30/23	05/31/23	
o-Xylene	15.6	0.125	5	05/30/23	05/31/23	
p,m-Xylene	40.7	0.250	5	05/30/23	05/31/23	
Total Xylenes	57.4	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	105 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	102 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	1010	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	105 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	102 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	66800	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	20000	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	141 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	4810	40.0	2	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP2 - SURF

E305189-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	1.12	0.125	5	05/30/23	05/31/23	
Toluene	0.295	0.125	5	05/30/23	05/31/23	
o-Xylene	4.25	0.125	5	05/30/23	05/31/23	
p,m-Xylene	10.3	0.250	5	05/30/23	05/31/23	
Total Xylenes	14.6	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.4 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	497	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.4 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	81400	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	23800	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	94.0 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	10600	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP3 - SURF
E305189-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.575	0.125	5	05/30/23	05/31/23	
Toluene	0.133	0.125	5	05/30/23	05/31/23	
o-Xylene	2.39	0.125	5	05/30/23	05/31/23	
p,m-Xylene	5.53	0.250	5	05/30/23	05/31/23	
Total Xylenes	7.91	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	100 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	435	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	100 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	48700	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	16600	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	88.9 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	12400	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP4 - SURF
E305189-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.230	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	1.00	0.125	5	05/30/23	05/31/23	
p,m-Xylene	2.21	0.250	5	05/30/23	05/31/23	
Total Xylenes	3.21	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	280	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	51400	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	16700	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	157 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	29200	2000	100	05/30/23	05/31/23	

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP5 - SURF
E305189-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.383	0.125	5	05/30/23	05/31/23	
p,m-Xylene	0.813	0.250	5	05/30/23	05/31/23	
Total Xylenes	1.20	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		97.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	207	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		97.0 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	36000	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	12600	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane		106 %	50-200	05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	26300	2000	100	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP6 - SURF
E305189-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.165	0.125	5	05/30/23	05/31/23	
p,m-Xylene	0.375	0.250	5	05/30/23	05/31/23	
Total Xylenes	0.540	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		97.1 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	147	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		97.1 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	26700	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	9740	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane		93.4 %	50-200	05/30/23	05/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	26400	2000	100	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP7 - SURF
E305189-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.365	0.125	5	05/30/23	05/31/23	
p,m-Xylene	0.730	0.250	5	05/30/23	05/31/23	
Total Xylenes	1.10	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	105 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	97.6 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	178	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	105 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	97.6 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	35700	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	12700	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	114 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	16700	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP8 - SURF
E305189-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.160	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	1.01	0.125	5	05/30/23	05/31/23	
p,m-Xylene	1.98	0.250	5	05/30/23	05/31/23	
Total Xylenes	2.99	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	109 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	105 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	182	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	109 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	105 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	37500	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	11900	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	134 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	10500	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP9 - SURF

E305189-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.615	0.125	5	05/30/23	05/31/23	
Toluene	0.135	0.125	5	05/30/23	05/31/23	
o-Xylene	2.78	0.125	5	05/30/23	05/31/23	
p,m-Xylene	6.42	0.250	5	05/30/23	05/31/23	
Total Xylenes	9.20	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	115 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	106 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	355	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	115 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	106 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	55500	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	17200	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	180 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	6810	200	10	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP10 - SURF
E305189-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.243	0.125	5	05/30/23	05/31/23	
p,m-Xylene	0.733	0.250	5	05/30/23	05/31/23	
Total Xylenes	0.975	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	110 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	103 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	147	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	110 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	103 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	30900	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	10800	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	88.1 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	11800	400	20	05/30/23	05/31/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP11 - SURF

E305189-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322031
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	1.73	0.125	5	05/30/23	05/31/23	
Toluene	0.980	0.125	5	05/30/23	05/31/23	
o-Xylene	5.61	0.125	5	05/30/23	05/31/23	
p,m-Xylene	14.1	0.250	5	05/30/23	05/31/23	
Total Xylenes	19.7	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	104 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322031
Gasoline Range Organics (C6-C10)	426	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	104 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322020
Diesel Range Organics (C10-C28)	66600	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	18300	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	111 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322026
Chloride	5990	200	10	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP12 - SURF
E305189-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.298	0.125	5	05/30/23	05/31/23	
p,m-Xylene	0.643	0.250	5	05/30/23	05/31/23	
Total Xylenes	0.940	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	103 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	100 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	140	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	103 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	100 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	30600	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	10200	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	93.5 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	17300	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP13 - SURF
E305189-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.648	0.125	5	05/30/23	05/31/23	
p,m-Xylene	1.17	0.250	5	05/30/23	05/31/23	
Total Xylenes	1.82	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	105 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	100 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	200	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	105 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	100 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	36800	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	11300	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	113 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	14900	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP14 - SURF

E305189-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	ND	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.565	0.125	5	05/30/23	05/31/23	
p,m-Xylene	1.07	0.250	5	05/30/23	05/31/23	
Total Xylenes	1.63	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		100 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	186	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		100 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	49200	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	16000	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane		108 %	50-200	05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	14200	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP15 - SURF

E305189-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322031
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.153	0.125	5	05/30/23	05/31/23	
Toluene	ND	0.125	5	05/30/23	05/31/23	
o-Xylene	0.825	0.125	5	05/30/23	05/31/23	
p,m-Xylene	1.59	0.250	5	05/30/23	05/31/23	
Total Xylenes	2.41	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		98.2 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322031
Gasoline Range Organics (C6-C10)	259	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	05/30/23	05/31/23	
Surrogate: Toluene-d8		98.2 %	70-130	05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322020
Diesel Range Organics (C10-C28)	66000	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	22200	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane		140 %	50-200	05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322026
Chloride	11100	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP16 - SURF
E305189-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.158	0.125	5	05/30/23	05/31/23	
Toluene	0.135	0.125	5	05/30/23	05/31/23	
o-Xylene	0.390	0.125	5	05/30/23	05/31/23	
p,m-Xylene	1.14	0.250	5	05/30/23	05/31/23	
Total Xylenes	1.53	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	103 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	98.4 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	176	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	103 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	98.4 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	17000	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	17600	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	91.7 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	879	20.0	1	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP17 - SURF
E305189-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.948	0.125	5	05/30/23	05/31/23	
Toluene	0.633	0.125	5	05/30/23	05/31/23	
o-Xylene	3.27	0.125	5	05/30/23	05/31/23	
p,m-Xylene	7.92	0.250	5	05/30/23	05/31/23	
Total Xylenes	11.2	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	101 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	338	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	101 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	54200	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	15900	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	102 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	4810	40.0	2	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP18 - SURF
E305189-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	1.93	0.125	5	05/30/23	05/31/23	
Toluene	1.37	0.125	5	05/30/23	05/31/23	
o-Xylene	6.70	0.125	5	05/30/23	05/31/23	
p,m-Xylene	16.0	0.250	5	05/30/23	05/31/23	
Total Xylenes	22.7	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	101 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	101 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	722	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	101 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	101 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	37200	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	11900	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	130 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	517	20.0	1	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP19 - SURF

E305189-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322031
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	1.18	0.125	5	05/30/23	05/31/23	
Toluene	1.29	0.125	5	05/30/23	05/31/23	
o-Xylene	3.77	0.125	5	05/30/23	05/31/23	
p,m-Xylene	9.46	0.250	5	05/30/23	05/31/23	
Total Xylenes	13.2	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322031
Gasoline Range Organics (C6-C10)	463	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	99.1 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322020
Diesel Range Organics (C10-C28)	37400	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	14100	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	155 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322026
Chloride	662	20.0	1	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP20 - SURF
E305189-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Benzene	0.175	0.125	5	05/30/23	05/31/23	
Ethylbenzene	4.69	0.125	5	05/30/23	05/31/23	
Toluene	7.68	0.125	5	05/30/23	05/31/23	
o-Xylene	12.1	0.125	5	05/30/23	05/31/23	
p,m-Xylene	33.5	0.250	5	05/30/23	05/31/23	
Total Xylenes	45.6	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	100 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	102 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322031	
Gasoline Range Organics (C6-C10)	874	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	100 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	102 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322020	
Diesel Range Organics (C10-C28)	87900	1250	50	05/30/23	06/01/23	
Oil Range Organics (C28-C36)	25000	2500	50	05/30/23	06/01/23	
Surrogate: n-Nonane	193 %	50-200		05/30/23	06/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322026	
Chloride	351	20.0	1	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP21 - SURF

E305189-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322032
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	2.13	0.125	5	05/30/23	05/31/23	
Toluene	2.06	0.125	5	05/30/23	05/31/23	
o-Xylene	6.53	0.125	5	05/30/23	05/31/23	
p,m-Xylene	16.2	0.250	5	05/30/23	05/31/23	
Total Xylenes	22.7	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	95.5 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	97.5 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322032
Gasoline Range Organics (C6-C10)	459	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	95.5 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	97.5 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322021
Diesel Range Organics (C10-C28)	41800	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	15300	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	249 %	50-200		05/30/23	05/31/23	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322023
Chloride	699	20.0	1	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP22 - SURF

E305189-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	1.54	0.125	5	05/30/23	05/31/23	
Toluene	2.40	0.125	5	05/30/23	05/31/23	
o-Xylene	2.63	0.125	5	05/30/23	05/31/23	
p,m-Xylene	7.44	0.250	5	05/30/23	05/31/23	
Total Xylenes	10.1	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	73.1 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	97.7 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Gasoline Range Organics (C6-C10)	447	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	73.1 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	97.7 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322021	
Diesel Range Organics (C10-C28)	27300	500	20	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	8440	1000	20	05/30/23	05/31/23	
Surrogate: n-Nonane	235 %	50-200		05/30/23	05/31/23	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322023	
Chloride	25600	1000	50	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP23 - SURF

E305189-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.138	0.125	5	05/30/23	05/31/23	
Toluene	0.143	0.125	5	05/30/23	05/31/23	
o-Xylene	0.350	0.125	5	05/30/23	05/31/23	
p,m-Xylene	0.940	0.250	5	05/30/23	05/31/23	
Total Xylenes	1.29	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	94.8 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	94.5 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Gasoline Range Organics (C6-C10)	133	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	94.8 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	94.5 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322021	
Diesel Range Organics (C10-C28)	7220	250	10	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	2540	500	10	05/30/23	05/31/23	
Surrogate: n-Nonane	105 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322023	
Chloride	11000	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP24 - SURF

E305189-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322032
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.763	0.125	5	05/30/23	05/31/23	
Toluene	0.718	0.125	5	05/30/23	05/31/23	
o-Xylene	2.38	0.125	5	05/30/23	05/31/23	
p,m-Xylene	5.54	0.250	5	05/30/23	05/31/23	
Total Xylenes	7.92	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	96.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322032
Gasoline Range Organics (C6-C10)	238	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	96.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322021
Diesel Range Organics (C10-C28)	56000	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	19100	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	219 %	50-200		05/30/23	05/31/23	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322023
Chloride	13300	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP25 - SURF

E305189-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.430	0.125	5	05/30/23	05/31/23	
Toluene	0.338	0.125	5	05/30/23	05/31/23	
o-Xylene	1.17	0.125	5	05/30/23	05/31/23	
p,m-Xylene	2.69	0.250	5	05/30/23	05/31/23	
Total Xylenes	3.86	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	76.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	93.9 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Gasoline Range Organics (C6-C10)	157	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	76.6 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	93.9 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322021	
Diesel Range Organics (C10-C28)	31100	500	20	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	9380	1000	20	05/30/23	05/31/23	
Surrogate: n-Nonane	139 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322023	
Chloride	11100	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP26 - SURF

E305189-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322032
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.345	0.125	5	05/30/23	05/31/23	
Toluene	0.235	0.125	5	05/30/23	05/31/23	
o-Xylene	1.07	0.125	5	05/30/23	05/31/23	
p,m-Xylene	2.32	0.250	5	05/30/23	05/31/23	
Total Xylenes	3.38	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	80.3 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	95.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2322032
Gasoline Range Organics (C6-C10)	148	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	80.3 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	95.0 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2322021
Diesel Range Organics (C10-C28)	37600	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	12300	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	135 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2322023
Chloride	7720	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/1/2023 10:06:51AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP27 - SURF
E305189-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	1.01	0.125	5	05/30/23	05/31/23	
Toluene	1.41	0.125	5	05/30/23	05/31/23	
o-Xylene	2.20	0.125	5	05/30/23	05/31/23	
p,m-Xylene	5.43	0.250	5	05/30/23	05/31/23	
Total Xylenes	7.63	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	77.7 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	95.2 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Gasoline Range Organics (C6-C10)	188	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	77.7 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	95.2 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322021	
Diesel Range Organics (C10-C28)	70400	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	19300	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	198 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322023	
Chloride	12600	400	20	05/30/23	05/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/1/2023 10:06:51AM

SP28 - SURF

E305189-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Benzene	ND	0.125	5	05/30/23	05/31/23	
Ethylbenzene	0.610	0.125	5	05/30/23	05/31/23	
Toluene	0.210	0.125	5	05/30/23	05/31/23	
o-Xylene	1.69	0.125	5	05/30/23	05/31/23	
p,m-Xylene	3.67	0.250	5	05/30/23	05/31/23	
Total Xylenes	5.37	0.125	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	70.4 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	94.2 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2322032	
Gasoline Range Organics (C6-C10)	185	100	5	05/30/23	05/31/23	
Surrogate: Bromofluorobenzene	70.4 %	70-130		05/30/23	05/31/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/30/23	05/31/23	
Surrogate: Toluene-d8	94.2 %	70-130		05/30/23	05/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2322021	
Diesel Range Organics (C10-C28)	48600	1250	50	05/30/23	05/31/23	
Oil Range Organics (C28-C36)	16800	2500	50	05/30/23	05/31/23	
Surrogate: n-Nonane	199 %	50-200		05/30/23	05/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2322023	
Chloride	12100	400	20	05/30/23	05/31/23	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322031-BLK1) Prepared: 05/30/23 Analyzed: 05/30/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2322031-BS1) Prepared: 05/30/23 Analyzed: 05/30/23

Benzene	2.33	0.0250	2.50		93.1	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.5	70-130			
Toluene	2.30	0.0250	2.50		92.2	70-130			
o-Xylene	2.35	0.0250	2.50		93.8	70-130			
p,m-Xylene	4.65	0.0500	5.00		93.0	70-130			
Total Xylenes	6.99	0.0250	7.50		93.3	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2322031-BSD1) Prepared: 05/30/23 Analyzed: 05/30/23

Benzene	2.32	0.0250	2.50		93.0	70-130	0.150	23	
Ethylbenzene	2.30	0.0250	2.50		92.2	70-130	0.719	27	
Toluene	2.35	0.0250	2.50		94.1	70-130	2.04	24	
o-Xylene	2.39	0.0250	2.50		95.7	70-130	2.03	27	
p,m-Xylene	4.72	0.0500	5.00		94.5	70-130	1.60	27	
Total Xylenes	7.12	0.0250	7.50		94.9	70-130	1.74	27	
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322032-BLK1) Prepared: 05/30/23 Analyzed: 05/30/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2322032-BS1) Prepared: 05/30/23 Analyzed: 05/30/23

Benzene	2.22	0.0250	2.50		88.7	70-130			
Ethylbenzene	2.10	0.0250	2.50		84.1	70-130			
Toluene	2.04	0.0250	2.50		81.6	70-130			
o-Xylene	2.07	0.0250	2.50		82.7	70-130			
p,m-Xylene	3.92	0.0500	5.00		78.4	70-130			
Total Xylenes	5.99	0.0250	7.50		79.8	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			

LCS Dup (2322032-BSD1) Prepared: 05/30/23 Analyzed: 05/30/23

Benzene	2.30	0.0250	2.50		92.1	70-130	3.83	23	
Ethylbenzene	2.17	0.0250	2.50		86.9	70-130	3.32	27	
Toluene	2.11	0.0250	2.50		84.5	70-130	3.47	24	
o-Xylene	2.16	0.0250	2.50		86.5	70-130	4.49	27	
p,m-Xylene	4.13	0.0500	5.00		82.7	70-130	5.35	27	
Total Xylenes	6.30	0.0250	7.50		84.0	70-130	5.06	27	
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.534		0.500		107	70-130			
Surrogate: Toluene-d8	0.462		0.500		92.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322031-BLK1) Prepared: 05/30/23 Analyzed: 05/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2322031-BS2) Prepared: 05/30/23 Analyzed: 05/31/23

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS Dup (2322031-BSD2) Prepared: 05/30/23 Analyzed: 05/30/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.1	70-130	15.6	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322032-BLK1) Prepared: 05/30/23 Analyzed: 05/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2322032-BS2) Prepared: 05/30/23 Analyzed: 05/30/23

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.2	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.470		0.500		93.9	70-130			

LCS Dup (2322032-BSD2) Prepared: 05/30/23 Analyzed: 05/30/23

Gasoline Range Organics (C6-C10)	36.9	20.0	50.0		73.8	70-130	10.7	20	
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.465		0.500		92.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2322020-BLK1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2322020-BS1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			

LCS Dup (2322020-BSD1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132	3.82	20	
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322021-BLK1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		92.0	50-200			

LCS (2322021-BS1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Diesel Range Organics (C10-C28)	249	25.0	250		99.7	38-132			
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			

LCS Dup (2322021-BSD1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Diesel Range Organics (C10-C28)	249	25.0	250		99.4	38-132	0.231	20	
Surrogate: n-Nonane	45.6		50.0		91.3	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322023-BLK1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Chloride	ND	20.0							
LCS (2322023-BS1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Chloride	245	20.0	250		97.8	90-110			
LCS Dup (2322023-BSD1)					Prepared: 05/30/23 Analyzed: 05/31/23				
Chloride	245	20.0	250		98.0	90-110	0.125	20	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/1/2023 10:06:51AM

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 (2322026-BLK1)	Prepared: 05/30/23 Analyzed: 05/31/23								
Chloride	ND	20.0							
LCS (2322026-BS1)	Prepared: 05/30/23 Analyzed: 05/31/23								
Chloride	252	20.0	250		101	90-110			
LCS Dup (2322026-BSD1)	Prepared: 05/30/23 Analyzed: 05/31/23								
Chloride	257	20.0	250		103	90-110	2.08	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 907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/01/23 10:06

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 3

Client: TAPROCK
 Project: SPACKSON UNIT 9074
 Project Manager: Natalie Gadden
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: _____
 Report due by: _____

Bill To

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

Lab Use Only

Lab WO# E305189 Job Number 20046-0001
 Analysis and Method

TAT

1D 2D 3D Standard
☒ ☐ ☐ ☐

EPA Program

CWA SDWA

RCRA

State

NM CO UT AZ TX
☒ ☐ ☐ ☐ ☐

Remarks

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	RTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	5/28/23	S	1	SP1 - SURF	1							X		
				SP2 - SURF	2									
				SP3 - SURF	3									
				SP4 - SURF	4									
				SP5 - SURF	5									
				SP6 - SURF	6									
				SP7 - SURF	7									
				SP8 - SURF	8									
				SP9 - SURF	9									
				SP10 - SURF	10									

Additional Instructions:

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

Sampled by: M. R. V. Ag

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	Lab Use Only
<u>[Signature]</u>	5/28/23		<u>[Signature]</u>	5-30-23	1245	Received on Ice: <u>0</u> / N
<u>[Signature]</u>	5-30-23	1615	<u>Andrew Maseo</u>	5-30-23	1730	T1 T2 T3
<u>Andrew Maseo</u>	5-30-23	2315	<u>Cathy Ma</u>	5-21-23	0:25	AVG Temp °C <u>4</u>

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

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

Project Information

Chain of Custody

Page 2 of 3

Client: TAPROCK
 Project: JACKSON UNIT 907H
 Project Manager: Natalie Gladlen
 Address: _____
 City, State, Zip _____
 Phone: _____
 Email: _____
 Report due by: _____

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

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 305189</u>	<u>20046-0001</u>		<u>X</u>				
Analysis and Method						RCRA	
						State	
						NM	CO
						UT	AZ
						TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	RTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>5/20/23</u>	<u>S</u>	<u>1</u>	<u>SP11 - SURF</u>	<u>11</u>							<u>X</u>		
				<u>SP12 - SURF</u>	<u>12</u>									
				<u>SP13 - SURF</u>	<u>13</u>									
				<u>SP14 - SURF</u>	<u>14</u>									
				<u>SP15 - SURF</u>	<u>15</u>									
				<u>SP16 - SURF</u>	<u>16</u>									
				<u>SP17 - SURF</u>	<u>17</u>									
				<u>SP18 - SURF</u>	<u>18</u>									
				<u>SP19 - SURF</u>	<u>19</u>									
				<u>SP20 - SURF</u>	<u>20</u>									

Additional Instructions:

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

Sampled by: M. RIVERA

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>[Signature]</u>	<u>5/20/23</u>		<u>[Signature]</u>	<u>5.30.23</u>	<u>1245</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>[Signature]</u>	<u>5.30.23</u>	<u>1615</u>	<u>Andrew M...</u>	<u>5.30.23</u>	<u>1730</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Andrew M...</u>	<u>5.30.23</u>	<u>2315</u>	<u>Cath M...</u>	<u>5/22/23</u>	<u>6:25</u>

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

Project Information

Chain of Custody

Page 3 of 3

Client: <u>TAPLOCK</u>		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>JACKSON UNIT 9034</u>		Attention: <u>ESS</u>		Lab WO# <u>E305189</u>		Job Number <u>20046-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie Gladden</u>		Address: <u>2724 NW COUNTY ROAD</u>		Analysis and Method									
Address:		City, State, Zip <u>HOBBS, NM 88240</u>		Phone: <u>575-393-9048</u>									
City, State, Zip		EMAIL TO: <u>Natalie@energystaffingllc.com</u>											
Phone:		<u>Dakoatah@energystaffingllc.com</u>											
Email:													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	RGDOC NM	RGDOC TX	Remarks
	5/28/23	S	1	SP21 - SURF	21							X		
				SP22 - SURF	22									
				SP23 - SURF	23									
				SP24 - SURF	24									
				SP25 - SURF	25									
				SP26 - SURF	26									
				SP27 - SURF	27									
	5/28/23	S	1	SP28 - SURF	28							X		

Additional Instructions:

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

Sampled by: MARIELLA

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5/28/23</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>5-30-23</u>	Time <u>1245</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-30-23</u>	Time <u>1615</u>	Received by: (Signature) <u>Andrew Messa</u>	Date <u>5-30-23</u>	Time <u>1730</u>	Received on ice: <u>Y/N</u>
Relinquished by: (Signature) <u>Andrew Messa</u>	Date <u>5-30-23</u>	Time <u>2315</u>	Received by: (Signature) <u>Carla M...</u>	Date <u>5/2/23</u>	Time <u>10:25</u>	T1 T2 T3
						AVG Temp °C <u>4</u>

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

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

Envirotech Analytical Laboratory

Printed: 5/31/2023 8:02:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	05/31/23 06:25	Work Order ID:	E305189
Phone:	(575) 390-6397	Date Logged In:	05/30/23 14:20	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	05/31/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 907H

Work Order: E306044

Job Number: 20046-0001

Received: 6/7/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/8/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/8/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 907H
Workorder: E306044
Date Received: 6/7/2023 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2023 7:30:00AM, under the Project Name: Jackson 907H.

The analytical test results summarized in this report with the Project Name: Jackson 907H 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/08/23 17:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 1 - SURF	E306044-01A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 1 - 2'	E306044-02A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 2 - SURF	E306044-03A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 2 - 2'	E306044-04A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 3 - SURF	E306044-05A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 3 - 2'	E306044-06A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 4 - SURF	E306044-07A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 4 - 2'	E306044-08A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 5 - SURF	E306044-09A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW 5 - 2'	E306044-10A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson 907H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/8/2023 5:35:24PM
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SW 1 - SURF

E306044-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323030
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2323026
Diesel Range Organics (C10-C28)	313	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	264	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		104 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323031
Chloride	121	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/8/2023 5:35:24PM

SW 1 - 2'

E306044-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2323030
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2323030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>		104 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2323031
Chloride	48.0	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/8/2023 5:35:24PM

SW 2 - SURF

E306044-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323030
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2323026
Diesel Range Organics (C10-C28)	351	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	302	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323031
Chloride	503	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/8/2023 5:35:24PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 2 - 2'

E306044-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2323026	
Diesel Range Organics (C10-C28)	25.1	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323031	
Chloride	44.1	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/8/2023 5:35:24PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 3 - SURF
E306044-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2323030
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2323030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2323026
Diesel Range Organics (C10-C28)	971	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	631	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2323031
Chloride	295	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/8/2023 5:35:24PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 3 - 2'

E306044-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2323026	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323031	
Chloride	49.6	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/8/2023 5:35:24PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 4 - SURF
E306044-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2323026	
Diesel Range Organics (C10-C28)	934	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	550	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323031	
Chloride	126	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/8/2023 5:35:24PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 4 - 2'

E306044-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2323026	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323031	
Chloride	56.3	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/8/2023 5:35:24PM

SW 5 - SURF

E306044-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2323030
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2323030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2323026
Diesel Range Organics (C10-C28)	1440	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	1620	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2323031
Chloride	370	20.0	1	06/07/23	06/07/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/8/2023 5:35:24PM

SW 5 - 2'

E306044-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323030
Benzene	ND	0.0250	1	06/07/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/07/23	
Toluene	ND	0.0250	1	06/07/23	06/07/23	
o-Xylene	ND	0.0250	1	06/07/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	06/07/23	06/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323031
Chloride	115	20.0	1	06/07/23	06/07/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/8/2023 5:35:24PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2323030-BLK1) Prepared: 06/07/23 Analyzed: 06/07/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.45		8.00		106	70-130			

LCS (2323030-BS1) Prepared: 06/07/23 Analyzed: 06/07/23

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.8	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.50	0.0500	10.0		95.0	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.49		8.00		106	70-130			

Matrix Spike (2323030-MS1) Source: E306044-07 Prepared: 06/07/23 Analyzed: 06/07/23

Benzene	4.63	0.0250	5.00	ND	92.5	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	61-133			
Toluene	4.79	0.0250	5.00	ND	95.7	61-130			
o-Xylene	4.83	0.0250	5.00	ND	96.7	63-131			
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	95.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.54		8.00		107	70-130			

Matrix Spike Dup (2323030-MSD1) Source: E306044-07 Prepared: 06/07/23 Analyzed: 06/07/23

Benzene	4.60	0.0250	5.00	ND	92.0	54-133	0.574	20	
Ethylbenzene	4.56	0.0250	5.00	ND	91.3	61-133	0.167	20	
Toluene	4.77	0.0250	5.00	ND	95.4	61-130	0.361	20	
o-Xylene	4.81	0.0250	5.00	ND	96.3	63-131	0.450	20	
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131	0.167	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.9	63-131	0.0418	20	
Surrogate: 4-Bromochlorobenzene-PID	8.57		8.00		107	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/8/2023 5:35:24PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2323030-BLK1) Prepared: 06/07/23 Analyzed: 06/07/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			

LCS (2323030-BS2) Prepared: 06/07/23 Analyzed: 06/07/23

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

Matrix Spike (2323030-MS2) Source: E306044-07 Prepared: 06/07/23 Analyzed: 06/07/23

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike Dup (2323030-MSD2) Source: E306044-07 Prepared: 06/07/23 Analyzed: 06/07/23

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130	2.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/8/2023 5:35:24PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2323026-BLK1)					Prepared: 06/07/23 Analyzed: 06/08/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	65.1		50.0		130	50-200			

LCS (2323026-BS1)					Prepared: 06/07/23 Analyzed: 06/08/23				
Diesel Range Organics (C10-C28)	286	25.0	250		115	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike (2323026-MS1)					Source: E306034-06		Prepared: 06/07/23 Analyzed: 06/08/23		
Diesel Range Organics (C10-C28)	279	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	46.1		50.0		92.1	50-200			

Matrix Spike Dup (2323026-MSD1)					Source: E306034-06		Prepared: 06/07/23 Analyzed: 06/08/23		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	5.52	20	
Surrogate: n-Nonane	44.2		50.0		88.4	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/8/2023 5:35:24PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2323031-BLK1)					Prepared: 06/07/23 Analyzed: 06/07/23				
Chloride	ND	20.0							
LCS (2323031-BS1)					Prepared: 06/07/23 Analyzed: 06/07/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2323031-MS1)					Source: E306035-01		Prepared: 06/07/23 Analyzed: 06/07/23		
Chloride	781	20.0	250	545	94.3	80-120			
Matrix Spike Dup (2323031-MSD1)					Source: E306035-01		Prepared: 06/07/23 Analyzed: 06/07/23		
Chloride	801	20.0	250	545	102	80-120	2.56	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 907H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/08/23 17:35

- 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.

Additional Instructions:

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.

Lab Use Only
Received on Ice: ☒ Y / ☐ N
T1 _____ T2 _____ T3 _____
Avg Temp °C 40

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 Page 20 of 21 is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/7/2023 10:33:59AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	06/07/23 07:30	Work Order ID:	E306044
Phone:	(575) 390-6397	Date Logged In:	06/06/23 16:03	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/08/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 907H

Work Order: E306053

Job Number: 20046-0001

Received: 6/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/9/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/9/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 907H
Workorder: E306053
Date Received: 6/8/2023 8:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/8/2023 8:30:00AM, under the Project Name: Jackson 907H.

The analytical test results summarized in this report with the Project Name: Jackson 907H 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/09/23 16:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 6 - SURF	E306053-01A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 6 - 2'	E306053-02A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 7 - SURF	E306053-03A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 7 - 2'	E306053-04A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 8 - SURF	E306053-05A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 8 - 2'	E306053-06A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 9 - SURF	E306053-07A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 9 - 2'	E306053-08A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 10 - SURF	E306053-09A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 10 - 2'	E306053-10A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 11 - SURF	E306053-11A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 11 - 2'	E306053-12A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 12 - SURF	E306053-13A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.
SW 12 - 2'	E306053-14A	Soil	06/06/23	06/08/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson 907H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/9/2023 4:25:20PM
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SW 6 - SURF

E306053-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
<i>Surrogate: Bromofluorobenzene</i>	98.6 %	70-130		06/08/23	06/09/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.6 %	70-130		06/08/23	06/09/23	
<i>Surrogate: Toluene-d8</i>	103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
<i>Surrogate: Bromofluorobenzene</i>	98.6 %	70-130		06/08/23	06/09/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.6 %	70-130		06/08/23	06/09/23	
<i>Surrogate: Toluene-d8</i>	103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	547	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	381	50.0	1	06/08/23	06/08/23	
<i>Surrogate: n-Nonane</i>	64.6 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	195	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 6 - 2'

E306053-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		102 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		64.6 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	83.2	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 7 - SURF

E306053-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	583	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	264	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane	64.7 %	50-200		06/08/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	3240	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 7 - 2'

E306053-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		101 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/08/23	
Surrogate: n-Nonane		61.4 %	50-200	06/08/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	37.4	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 8 - SURF

E306053-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		103 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	1320	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	114	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		62.9 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	341	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 8 - 2'

E306053-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		61.6 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	ND	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 9 - SURF

E306053-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/08/23	
Toluene	ND	0.0250	1	06/08/23	06/08/23	
o-Xylene	ND	0.0250	1	06/08/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/08/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/08/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	06/08/23	06/08/23	
Surrogate: Toluene-d8		102 %	70-130	06/08/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	2530	250	10	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	2550	500	10	06/08/23	06/09/23	
Surrogate: n-Nonane		59.7 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	774	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 9 - 2'

E306053-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	102 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane	62.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	21.7	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 10 - SURF

E306053-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	103 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	1240	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	963	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane	63.1 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	486	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 10 - 2'

E306053-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	104 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane	61.9 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	ND	20.0	1	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 11 - SURF

E306053-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0500	2	06/08/23	06/09/23	
Ethylbenzene	ND	0.0500	2	06/08/23	06/09/23	
Toluene	ND	0.0500	2	06/08/23	06/09/23	
o-Xylene	ND	0.0500	2	06/08/23	06/09/23	
p,m-Xylene	ND	0.100	2	06/08/23	06/09/23	
Total Xylenes	ND	0.0500	2	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		100 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		100 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	6060	50.0	2	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	1890	100	2	06/08/23	06/09/23	
Surrogate: n-Nonane		60.3 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	4420	40.0	2	06/08/23	06/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/9/2023 4:25:20PM

SW 11 - 2'

E306053-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		99.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2323046
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		103 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		99.7 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		61.4 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323051
Chloride	46.7	20.0	1	06/08/23	06/09/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/9/2023 4:25:20PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 12 - SURF
E306053-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2323046	
Benzene	ND	0.0500	2	06/08/23	06/09/23	
Ethylbenzene	ND	0.0500	2	06/08/23	06/09/23	
Toluene	ND	0.0500	2	06/08/23	06/09/23	
o-Xylene	ND	0.0500	2	06/08/23	06/09/23	
p,m-Xylene	ND	0.100	2	06/08/23	06/09/23	
Total Xylenes	ND	0.0500	2	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	102 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	100 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2323046	
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene	102 %	70-130		06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		06/08/23	06/09/23	
Surrogate: Toluene-d8	100 %	70-130		06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323042	
Diesel Range Organics (C10-C28)	4420	250	10	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	3160	500	10	06/08/23	06/09/23	
Surrogate: n-Nonane	58.3 %	50-200		06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323051	
Chloride	14800	400	20	06/08/23	06/09/23	



Sample Data

Tap Rock	Project Name:	Jackson 907H	Reported: 6/9/2023 4:25:20PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 12 - 2'
E306053-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2323046	
Benzene	ND	0.0250	1	06/08/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/08/23	06/09/23	
Toluene	ND	0.0250	1	06/08/23	06/09/23	
o-Xylene	ND	0.0250	1	06/08/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/08/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2323046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/08/23	06/09/23	
Surrogate: Bromofluorobenzene		100 %	70-130	06/08/23	06/09/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	06/08/23	06/09/23	
Surrogate: Toluene-d8		104 %	70-130	06/08/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323042	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/08/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/08/23	06/09/23	
Surrogate: n-Nonane		63.8 %	50-200	06/08/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323051	
Chloride	ND	20.0	1	06/08/23	06/09/23	



Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/9/2023 4:25:20PM

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 (2323046-BLK1) Prepared: 06/08/23 Analyzed: 06/08/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2323046-BS1) Prepared: 06/08/23 Analyzed: 06/08/23

Benzene	2.46	0.0250	2.50		98.3	70-130			
Ethylbenzene	2.43	0.0250	2.50		97.2	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.51	0.0250	2.50		100	70-130			
p,m-Xylene	4.95	0.0500	5.00		99.0	70-130			
Total Xylenes	7.46	0.0250	7.50		99.5	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike (2323046-MS1) Source: E306053-07 Prepared: 06/08/23 Analyzed: 06/08/23

Benzene	2.53	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.58	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike Dup (2323046-MSD1) Source: E306053-07 Prepared: 06/08/23 Analyzed: 06/09/23

Benzene	2.39	0.0250	2.50	ND	95.6	48-131	5.67	23	
Ethylbenzene	2.39	0.0250	2.50	ND	95.6	45-135	5.25	27	
Toluene	2.42	0.0250	2.50	ND	96.8	48-130	5.27	24	
o-Xylene	2.41	0.0250	2.50	ND	96.3	43-135	6.80	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.2	43-135	5.82	27	
Total Xylenes	7.22	0.0250	7.50	ND	96.2	43-135	6.15	27	
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/9/2023 4:25:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2323046-BLK1) Prepared: 06/08/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2323046-BS2) Prepared: 06/08/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	62.1	20.0	50.0		124	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike (2323046-MS2) Source: E306053-07 Prepared: 06/08/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	63.6	20.0	50.0	ND	127	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2323046-MSD2) Source: E306053-07 Prepared: 06/08/23 Analyzed: 06/09/23

Gasoline Range Organics (C6-C10)	59.9	20.0	50.0	ND	120	70-130	6.08	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/9/2023 4:25:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2323042-BLK1)					Prepared: 06/08/23 Analyzed: 06/08/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	32.4		50.0		64.7	50-200			

LCS (2323042-BS1)					Prepared: 06/08/23 Analyzed: 06/08/23				
Diesel Range Organics (C10-C28)	218	25.0	250		87.0	38-132			
Surrogate: n-Nonane	31.6		50.0		63.1	50-200			

Matrix Spike (2323042-MS1)					Source: E306053-14		Prepared: 06/08/23 Analyzed: 06/08/23		
Diesel Range Organics (C10-C28)	217	25.0	250	ND	86.7	38-132			
Surrogate: n-Nonane	30.9		50.0		61.8	50-200			

Matrix Spike Dup (2323042-MSD1)					Source: E306053-14		Prepared: 06/08/23 Analyzed: 06/08/23		
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.7	38-132	2.27	20	
Surrogate: n-Nonane	30.7		50.0		61.3	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/9/2023 4:25:20PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2323051-BLK1)					Prepared: 06/08/23 Analyzed: 06/08/23				
Chloride	ND	20.0							
LCS (2323051-BS1)					Prepared: 06/08/23 Analyzed: 06/08/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2323051-MS1)					Source: E306052-21		Prepared: 06/08/23 Analyzed: 06/08/23		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2323051-MSD1)					Source: E306052-21		Prepared: 06/08/23 Analyzed: 06/08/23		
Chloride	261	20.0	250	ND	104	80-120	0.242	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 907H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/09/23 16:25

- 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.



Additional Instructions:

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.

Lab Use Only
Received on file: ☒ Y / ☐ N
T1 _____ T2 _____ T3 _____
AVG Temp °C: 4

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 Page 25 of 27 is to the amount paid for on the report.

Project Information

Chain of Custody

Page 2 of 2

Client: TGPRACK					Bill To					Lab Use Only					TAT				EPA Program					
Project: Jackson 9074					Attention: ESS					Lab WO# E306053					Job Number 20046-0001				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Natalie Gladson					Address: 2724 NW COUNTY ROAD																			
Address:					City, State, Zip HOBBS, NM 88240					Analysis and Method														
City, State, Zip					Phone: 575-393-9048																			
Phone:					EMAIL TO: Natalie@energystaffingllc.com																			
Email:					Dakoatah@energystaffingllc.com																			
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8160	Metals 6010	Chloride 300.0	RGDOC NWI	RGDOC TX	State					Remarks					
	06/06/23	S	1	Sw 11-Surf	11							X												
				SW 11-2'	12																			
				SW 12-Surf	13																			
	06/06/23	S	1	SW 12-2'	14							X												

Additional Instructions:

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

Sampled by: **Juan Solis**

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 T2 T3 AVG Temp °C: 4
Juan Solis	06/06/23		Michelle Cuyts	6-7-23	1230	
Michelle Cuyts	6-7-23	1630	Andrew Messo	6-7-23	1730	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Andrew Messo	6-8-23	0100	Caethan Mares	6/8/23	8:30	

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 is to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/8/2023 10:11:55AM

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:	06/08/23 08:30	Work Order ID:	E306053
Phone:	(575) 390-6397	Date Logged In:	06/07/23 15:56	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/09/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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

Time sampled not provided on COC per client.

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 907

Work Order: E306115

Job Number: 20046-0001

Received: 6/15/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/16/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/16/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 907
Workorder: E306115
Date Received: 6/15/2023 7:05:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/15/2023 7:05:00AM, under the Project Name: Jackson 907.

The analytical test results summarized in this report with the Project Name: Jackson 907 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/16/23 14:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 13 - Surf	E306115-01A	Soil	06/13/23	06/15/23	Glass Jar, 2 oz.
SW 13 - 10'	E306115-02A	Soil	06/13/23	06/15/23	Glass Jar, 2 oz.
SW 14 - Surf	E306115-03A	Soil	06/13/23	06/15/23	Glass Jar, 2 oz.
SW 14 - 4'	E306115-04A	Soil	06/13/23	06/15/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson 907	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/16/2023 2:15:05PM

SW 13 - Surf

E306115-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324042
Benzene	ND	0.0250	1	06/15/23	06/15/23	
Ethylbenzene	ND	0.0250	1	06/15/23	06/15/23	
Toluene	ND	0.0250	1	06/15/23	06/15/23	
o-Xylene	ND	0.0250	1	06/15/23	06/15/23	
p,m-Xylene	ND	0.0500	1	06/15/23	06/15/23	
Total Xylenes	ND	0.0250	1	06/15/23	06/15/23	
Surrogate: 4-Bromochlorobenzene-PID	92.2 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324042
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/23	06/15/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.5 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324043
Diesel Range Organics (C10-C28)	5420	50.0	2	06/15/23	06/15/23	
Oil Range Organics (C28-C36)	3770	100	2	06/15/23	06/15/23	
Surrogate: n-Nonane	94.3 %	50-200		06/15/23	06/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324037
Chloride	1380	20.0	1	06/14/23	06/15/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/16/2023 2:15:05PM

SW 13 - 10'

E306115-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324042
Benzene	ND	0.0250	1	06/15/23	06/15/23	
Ethylbenzene	ND	0.0250	1	06/15/23	06/15/23	
Toluene	ND	0.0250	1	06/15/23	06/15/23	
o-Xylene	ND	0.0250	1	06/15/23	06/15/23	
p,m-Xylene	ND	0.0500	1	06/15/23	06/15/23	
Total Xylenes	ND	0.0250	1	06/15/23	06/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324042
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/23	06/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324043
Diesel Range Organics (C10-C28)	167	25.0	1	06/15/23	06/16/23	
Oil Range Organics (C28-C36)	237	50.0	1	06/15/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	90.7 %	50-200		06/15/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324037
Chloride	330	20.0	1	06/14/23	06/15/23	



Sample Data

Tap Rock	Project Name:	Jackson 907	Reported: 6/16/2023 2:15:05PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 14 - Surf
E306115-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324042	
Benzene	ND	0.0250	1	06/15/23	06/15/23	
Ethylbenzene	ND	0.0250	1	06/15/23	06/15/23	
Toluene	ND	0.0250	1	06/15/23	06/15/23	
o-Xylene	0.0517	0.0250	1	06/15/23	06/15/23	
p,m-Xylene	0.116	0.0500	1	06/15/23	06/15/23	
Total Xylenes	0.168	0.0250	1	06/15/23	06/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324042	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/23	06/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324043	
Diesel Range Organics (C10-C28)	14400	125	5	06/15/23	06/16/23	
Oil Range Organics (C28-C36)	9040	250	5	06/15/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	90.6 %	50-200		06/15/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324037	
Chloride	2690	40.0	2	06/14/23	06/15/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/16/2023 2:15:05PM

SW 14 - 4'

E306115-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324042
Benzene	ND	0.0250	1	06/15/23	06/15/23	
Ethylbenzene	ND	0.0250	1	06/15/23	06/15/23	
Toluene	ND	0.0250	1	06/15/23	06/15/23	
o-Xylene	ND	0.0250	1	06/15/23	06/15/23	
p,m-Xylene	ND	0.0500	1	06/15/23	06/15/23	
Total Xylenes	ND	0.0250	1	06/15/23	06/15/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324042
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/15/23	06/15/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		06/15/23	06/15/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324043
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/15/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	90.4 %	50-200		06/15/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324037
Chloride	ND	20.0	1	06/14/23	06/15/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/16/2023 2:15:05PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324042-BLK1) Prepared: 06/15/23 Analyzed: 06/15/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

LCS (2324042-BS1) Prepared: 06/15/23 Analyzed: 06/15/23

Benzene	4.84	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.4	70-130			
Toluene	4.96	0.0250	5.00		99.2	70-130			
o-Xylene	4.92	0.0250	5.00		98.4	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike (2324042-MS1) Source: E306115-02 Prepared: 06/15/23 Analyzed: 06/15/23

Benzene	5.26	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.22	0.0250	5.00	ND	104	61-133			
Toluene	5.39	0.0250	5.00	ND	108	61-130			
o-Xylene	5.35	0.0250	5.00	ND	107	63-131			
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.1	70-130			

Matrix Spike Dup (2324042-MSD1) Source: E306115-02 Prepared: 06/15/23 Analyzed: 06/15/23

Benzene	4.75	0.0250	5.00	ND	95.1	54-133	10.2	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133	9.99	20	
Toluene	4.86	0.0250	5.00	ND	97.2	61-130	10.3	20	
o-Xylene	4.82	0.0250	5.00	ND	96.3	63-131	10.5	20	
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	63-131	9.68	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.1	63-131	9.96	20	
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/16/2023 2:15:05PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324042-BLK1) Prepared: 06/15/23 Analyzed: 06/15/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.8	70-130			

LCS (2324042-BS2) Prepared: 06/15/23 Analyzed: 06/15/23

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			

Matrix Spike (2324042-MS2) Source: E306115-02 Prepared: 06/15/23 Analyzed: 06/15/23

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2324042-MSD2) Source: E306115-02 Prepared: 06/15/23 Analyzed: 06/15/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130	0.534	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/16/2023 2:15:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324043-BLK1) Prepared: 06/15/23 Analyzed: 06/15/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.3		50.0		88.5	50-200			

LCS (2324043-BS1) Prepared: 06/15/23 Analyzed: 06/15/23

Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	43.4		50.0		86.9	50-200			

Matrix Spike (2324043-MS1) Source: E306114-05 Prepared: 06/15/23 Analyzed: 06/15/23

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	37.3		50.0		74.5	50-200			

Matrix Spike Dup (2324043-MSD1) Source: E306114-05 Prepared: 06/15/23 Analyzed: 06/15/23

Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	38-132	2.29	20	
Surrogate: n-Nonane	36.6		50.0		73.3	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/16/2023 2:15:05PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324037-BLK1)					Prepared: 06/14/23 Analyzed: 06/15/23				
Chloride	ND	20.0							
LCS (2324037-BS1)					Prepared: 06/14/23 Analyzed: 06/15/23				
Chloride	250	20.0	250		99.8	90-110			
Matrix Spike (2324037-MS1)					Source: E306100-01		Prepared: 06/14/23 Analyzed: 06/15/23		
Chloride	320	20.0	250	73.0	98.7	80-120			
Matrix Spike Dup (2324037-MSD1)					Source: E306100-01		Prepared: 06/14/23 Analyzed: 06/15/23		
Chloride	323	20.0	250	73.0	100	80-120	1.11	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 907	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/16/23 14:15

- 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.



Additional Instructions:

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.

Received on (date): 7 / 11
 T1 _____ T2 _____ T3 _____
 AVG Temp °C 4.0

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 is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/15/2023 8:51:02AM

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:	06/15/23 07:05	Work Order ID:	E306115
Phone:	(575) 390-6397	Date Logged In:	06/14/23 16:43	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/16/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit #907H

Work Order: E306126

Job Number: 20046-0001

Received: 6/16/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/19/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/19/23



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit #907H
Workorder: E306126
Date Received: 6/16/2023 7:35:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2023 7:35:00AM, under the Project Name: Jackson Unit #907H.

The analytical test results summarized in this report with the Project Name: Jackson Unit #907H 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Tap Rock	Project Name:	Jackson Unit #907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/19/23 15:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 15 - SURF	E306126-01A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 15 - 2'	E306126-02A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 16 - SURF	E306126-03A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 16 - 3'	E306126-04A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 17 - SURF	E306126-05A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 17 - 2	E306126-06A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 18 - SURF	E306126-07A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 18 - 2'	E306126-08A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 19 - SURF	E306126-09A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 19 - 4	E306126-10A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 20 - SURF	E306126-11A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 20 - 7'	E306126-12A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 21 - SURF	E306126-13A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.
SW 21 - 2'	E306126-14A	Soil	06/14/23	06/16/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson Unit #907H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/19/2023 3:40:51PM

SW 15 - SURF

E306126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2324057
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.6 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2324057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2324060
Diesel Range Organics (C10-C28)	123	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	119	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>	95.2 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2324068
Chloride	690	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 15 - 2'

E306126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324068
Chloride	ND	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 16 - SURF

E306126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	188	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	186	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	518	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 16 - 3'

E306126-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	91.0 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324068
Chloride	36.0	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported: 6/19/2023 3:40:51PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 17 - SURF
E306126-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	258	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	160	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	91.1 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	600	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 17 - 2

E306126-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	88.6 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324068
Chloride	ND	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 18 - SURF

E306126-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	29.9	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	327	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported: 6/19/2023 3:40:51PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 18 - 2'
E306126-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	89.7 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	21.2	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported: 6/19/2023 3:40:51PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 19 - SURF
E306126-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	758	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	364	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	1430	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported: 6/19/2023 3:40:51PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 19 - 4

E306126-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.1 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.8 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>	93.2 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	ND	20.0	1	06/16/23	06/16/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 20 - SURF

E306126-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/16/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/16/23	
Toluene	ND	0.0250	1	06/16/23	06/16/23	
o-Xylene	ND	0.0250	1	06/16/23	06/16/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/16/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		06/16/23	06/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	573	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	257	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	176	20.0	1	06/16/23	06/17/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 20 - 7'

E306126-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Benzene	ND	0.0250	1	06/16/23	06/17/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/17/23	
Toluene	ND	0.0250	1	06/16/23	06/17/23	
o-Xylene	ND	0.0250	1	06/16/23	06/17/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/17/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		06/16/23	06/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2324057
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/16/23	06/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2324060
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	91.3 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2324068
Chloride	85.6	20.0	1	06/16/23	06/17/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/19/2023 3:40:51PM

SW 21 - SURF

E306126-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/17/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/17/23	
Toluene	ND	0.0250	1	06/16/23	06/17/23	
o-Xylene	ND	0.0250	1	06/16/23	06/17/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/17/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		06/16/23	06/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		06/16/23	06/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	92.8 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	524	20.0	1	06/16/23	06/17/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported: 6/19/2023 3:40:51PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 21 - 2'
E306126-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Benzene	ND	0.0250	1	06/16/23	06/17/23	
Ethylbenzene	ND	0.0250	1	06/16/23	06/17/23	
Toluene	ND	0.0250	1	06/16/23	06/17/23	
o-Xylene	ND	0.0250	1	06/16/23	06/17/23	
p,m-Xylene	ND	0.0500	1	06/16/23	06/17/23	
Total Xylenes	ND	0.0250	1	06/16/23	06/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/16/23	06/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2324057	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/23	06/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		06/16/23	06/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2324060	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/16/23	06/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/16/23	06/16/23	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		06/16/23	06/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2324068	
Chloride	31.5	20.0	1	06/16/23	06/17/23	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/19/2023 3:40:51PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324057-BLK1) Prepared: 06/16/23 Analyzed: 06/16/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			

LCS (2324057-BS1) Prepared: 06/16/23 Analyzed: 06/16/23

Benzene	4.88	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.95	0.0250	5.00		99.1	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.8	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			

Matrix Spike (2324057-MS1) Source: E306126-02 Prepared: 06/16/23 Analyzed: 06/16/23

Benzene	4.41	0.0250	5.00	ND	88.2	54-133			
Ethylbenzene	4.38	0.0250	5.00	ND	87.7	61-133			
Toluene	4.51	0.0250	5.00	ND	90.2	61-130			
o-Xylene	4.51	0.0250	5.00	ND	90.2	63-131			
p,m-Xylene	8.94	0.0500	10.0	ND	89.4	63-131			
Total Xylenes	13.5	0.0250	15.0	ND	89.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2324057-MSD1) Source: E306126-02 Prepared: 06/16/23 Analyzed: 06/16/23

Benzene	4.91	0.0250	5.00	ND	98.2	54-133	10.8	20	
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133	11.4	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	11.0	20	
o-Xylene	5.01	0.0250	5.00	ND	100	63-131	10.5	20	
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131	11.1	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	10.9	20	
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/19/2023 3:40:51PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324057-BLK1) Prepared: 06/16/23 Analyzed: 06/16/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

LCS (2324057-BS2) Prepared: 06/16/23 Analyzed: 06/16/23

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

Matrix Spike (2324057-MS2) Source: E306126-02 Prepared: 06/16/23 Analyzed: 06/16/23

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			

Matrix Spike Dup (2324057-MSD2) Source: E306126-02 Prepared: 06/16/23 Analyzed: 06/16/23

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.9	70-130	2.32	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/19/2023 3:40:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324060-BLK1) Prepared: 06/16/23 Analyzed: 06/16/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	50-200			

LCS (2324060-BS1) Prepared: 06/16/23 Analyzed: 06/16/23

Diesel Range Organics (C10-C28)	238	25.0	250		95.4	38-132			
Surrogate: n-Nonane	44.2		50.0		88.5	50-200			

Matrix Spike (2324060-MS1) Source: E306126-10 Prepared: 06/16/23 Analyzed: 06/16/23

Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.9	38-132			
Surrogate: n-Nonane	39.8		50.0		79.5	50-200			

Matrix Spike Dup (2324060-MSD1) Source: E306126-10 Prepared: 06/16/23 Analyzed: 06/16/23

Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.2	38-132	0.330	20	
Surrogate: n-Nonane	41.5		50.0		83.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/19/2023 3:40:51PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2324068-BLK1)					Prepared: 06/16/23 Analyzed: 06/16/23				
Chloride	ND	20.0							
LCS (2324068-BS1)					Prepared: 06/16/23 Analyzed: 06/16/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2324068-MS1)					Source: E306122-01		Prepared: 06/16/23 Analyzed: 06/16/23		
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2324068-MSD1)					Source: E306122-01		Prepared: 06/16/23 Analyzed: 06/16/23		
Chloride	256	20.0	250	ND	102	80-120	0.771	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 #907H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/19/23 15:40

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

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Top Rock		Bill To		Lab Use Only		TAT		EPA Program					
Project: Jackson Unit #907H		Attention: ESS		Lab WO#: E306/26		Job Number: 20046-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Natalie Gladden		Address: 2724 NW COUNTY ROAD		City, State, Zip: HOBBBS, NM 88240		Analysis and Method						RCRA	
Address:		Phone: 575-393-9048		EMAIL TO: Natalie@energystaffingllc.com								State	
City, State, Zip:		EMAIL TO: Dakoatah@energystaffingllc.com										NM CO UT AZ TX	
Phone:													
Email:													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/RO by 8015	GRO/RO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	RGDOC NMI	RGDOC TX	Remarks
	6-14-23	S	1	SW 15 - Surf	1									
				SW 15 - 2'	2									
				SW 16 - Surf	3									
				SW 16 - 3'	4									
				SW 17 - Surf	5									
				SW 17 - 2	6									
				SW 18 - Surf	7									
				SW 18 - 2'	8									
				SW 19 - Surf	9									
	6-14-23	S	1	SW 19 - 4	10									

Additional Instructions:

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

Sampled by: **Jose R Alvarez**

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jose R Alvarez	6-14-23		Michelle Cangel	6-15-23	1330
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michelle Cangel	6-15-23	1715	Andrew Misso	6-15-23	1730
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Misso	6-16-23	2400	Caitlin Mann	6/16/23	7:35

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 is limited to the amount paid for on the report.

Project Information

Chain of Custody

Page 2 of 2

Client: <u>Top Rock</u>					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Jackson Unit #907H</u>					Attention: <u>ESS</u>					Lab WO# <u>E306126</u>					Job Number <u>20246-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie Gladden</u>					Address: <u>2724 NW COUNTY ROAD</u>																			
Address:					City, State, Zip <u>HOBBS, NM 88240</u>					Analysis and Method									RCRA					
City, State, Zip					Phone: <u>575-393-9048</u>																			
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>														State					
Email:					<u>Dakoatah@energystaffingllc.com</u>														NM CO UT AZ TX					
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					RGDOC NM	RGDOC TX					Remarks		
	6-14-23	S	1	Sw 20-surf	11																			
				Sw 20-4'	12																			
				Sw 21-surf	13																			
	6-14-23	S	1	Sw 21-2'	14																			

Additional Instructions:

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

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	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 T2 T3 AVG Temp °C: 4
<u>Jose R Alvarez</u>	6-14-23		<u>Miculle Cough</u>	6-15-23	1330	
<u>Miculle Cough</u>	6-15-23	1715	<u>Andrew</u>	6-15-23	1730	
<u>Andrew</u>	6-16-23	2400	<u>Carth Man</u>	6/16/23	7:35	
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, Page 26 of 27 d to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 6/16/2023 10:11:40AM

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:	06/16/23 07:35	Work Order ID:	E306126
Phone:	(575) 390-6397	Date Logged In:	06/15/23 16:46	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/19/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 907

Work Order: E306156

Job Number: 20046-0001

Received: 6/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/21/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/21/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 907
Workorder: E306156
Date Received: 6/21/2023 7:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/21/2023 7:15:00AM, under the Project Name: Jackson 907.

The analytical test results summarized in this report with the Project Name: Jackson 907 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/21/23 16:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - 12	E306156-01A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP2 - 4	E306156-02A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP3 - 4	E306156-03A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP4 - 4	E306156-04A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP5 - 5	E306156-05A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP6 - 5	E306156-06A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP7 - 3	E306156-07A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP8 - 6	E306156-08A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP9 - 5	E306156-09A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.
SP10 - 5	E306156-10A	Soil	06/16/23	06/21/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson 907	Reported: 6/21/2023 4:16:48PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP1 - 12

E306156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325030
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
Surrogate: n-Nonane	94.1 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325035
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/21/2023 4:16:48PM

SP2 - 4

E306156-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	54.7	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock	Project Name:	Jackson 907	Reported: 6/21/2023 4:16:48PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP3 - 4

E306156-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: 4-Bromochlorobenzene-PID	94.0 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.6 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
Surrogate: n-Nonane	94.7 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/21/2023 4:16:48PM

SP4 - 4

E306156-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325030
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325035
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock	Project Name:	Jackson 907	Reported: 6/21/2023 4:16:48PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP5 - 5

E306156-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.6 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.0 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>	95.5 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock	Project Name:	Jackson 907	Reported: 6/21/2023 4:16:48PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP6 - 5

E306156-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.8 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	96.2 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/21/2023 4:16:48PM

SP7 - 3

E306156-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.9 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/21/2023 4:16:48PM

SP8 - 6

E306156-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.1 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/21/2023 4:16:48PM

SP9 - 5

E306156-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325030
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325035
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 907
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/21/2023 4:16:48PM

SP10 - 5

E306156-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.9 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2325031	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2325035	
Chloride	ND	20.0	1	06/21/23	06/21/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/21/2023 4:16:48PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325030-BLK1) Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

LCS (2325030-BS1) Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.2	70-130			

Matrix Spike (2325030-MS1) Source: E306156-04 Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133			
Toluene	5.02	0.0250	5.00	ND	100	61-130			
o-Xylene	4.96	0.0250	5.00	ND	99.2	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			

Matrix Spike Dup (2325030-MSD1) Source: E306156-04 Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	5.44	0.0250	5.00	ND	109	54-133	7.47	20	
Ethylbenzene	5.34	0.0250	5.00	ND	107	61-133	7.35	20	
Toluene	5.41	0.0250	5.00	ND	108	61-130	7.43	20	
o-Xylene	5.34	0.0250	5.00	ND	107	63-131	7.33	20	
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131	7.42	20	
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131	7.39	20	
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/21/2023 4:16:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325030-BLK1) Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

LCS (2325030-BS2) Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

Matrix Spike (2325030-MS2) Source: E306156-04 Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.4	70-130			

Matrix Spike Dup (2325030-MSD2) Source: E306156-04 Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0	ND	88.7	70-130	3.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/21/2023 4:16:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325031-BLK1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.6		50.0		111	50-200			

LCS (2325031-BS1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			

Matrix Spike (2325031-MS1)					Source: E306156-10		Prepared: 06/21/23 Analyzed: 06/21/23		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike Dup (2325031-MSD1)					Source: E306156-10		Prepared: 06/21/23 Analyzed: 06/21/23		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	2.37	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/21/2023 4:16:48PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2325035-BLK1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Chloride	ND	20.0							
LCS (2325035-BS1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2325035-MS1)					Source: E306156-01		Prepared: 06/21/23 Analyzed: 06/21/23		
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2325035-MSD1)					Source: E306156-01		Prepared: 06/21/23 Analyzed: 06/21/23		
Chloride	261	20.0	250	ND	104	80-120	0.663	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 907	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/21/23 16:16

- 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: <u>Tap Rock</u>					Bill To		Lab Use Only				TAT				EPA Program		
Project: <u>Jackson #907</u>					Attention: <u>ESS</u>		Lab WO# <u>E300156</u>		Job Number <u>20046-0001</u>		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: <u>Natalie Gladden</u>					Address: <u>2724 NW COUNTY ROAD</u>		Analysis and Method								RCRA		
Address:					City, State, Zip <u>HOBBS, NM 88240</u>		DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8011	VOC by 8160	Metals 6010	Chloride 3000					
City, State, Zip					Phone: <u>575-393-9048</u>												
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>												
Email:					<u>Dakoalah@energystaffingllc.com</u>												
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8011	VOC by 8160	Metals 6010	Chloride 3000						
	6-16-23	S	1	SP 1-72	1												
				SP 2-4	2												
				SP 3-4	3												
				SP 4-4	4												
				SP 5-5	5												
				SP 6-5	6												
				SP 7-3	7												
				SP 8-6	8												
				SP 9-5	9												
	6-16-23	S	1	SP 10-5	10												

Additional Instructions:

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

Sampled by: Jose R Alvarez

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Jose R Alvarez</u>	6-16-23		<u>Carrie Ann Parker</u>	6-19-23	18:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Carrie Ann Parker</u>	6-19-23	12:30	<u>Andrew Muzzo</u>	6-20-23	1700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Andrew Muzzo</u>	6-20-23	2230	<u>Keyliah R Hull</u>	6-21-23	0715

Lab Use Only		
Received on ice:	<u>3/1 N</u>	
T1	T2	T3
AVG Temp °C <u>4°</u>		

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

Envirotech Analytical Laboratory

Printed: 6/21/2023 12:33:48PM

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:	06/21/23 07:15	Work Order ID:	E306156
Phone:	(575) 390-6397	Date Logged In:	06/20/23 17:01	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/21/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 907

Work Order: E306157

Job Number: 20046-0001

Received: 6/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/22/23



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson 907
Workorder: E306157
Date Received: 6/21/2023 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/21/2023 10:00:00AM, under the Project Name: Jackson 907.

The analytical test results summarized in this report with the Project Name: Jackson 907 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson 907	Reported: 06/22/23 16:04
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 13 - 17'	E306157-01A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson 907 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/22/2023 4:04:12PM
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SW 13 - 17'

E306157-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene	110 %	70-130		06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		06/21/23	06/21/23	
Surrogate: Toluene-d8	107 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene	110 %	70-130		06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		06/21/23	06/21/23	
Surrogate: Toluene-d8	107 %	70-130		06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325031
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/21/23	
Surrogate: n-Nonane	93.2 %	50-200		06/21/23	06/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325033
Chloride	63.6	20.0	1	06/21/23	06/22/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:04:12PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2325039-BLK1) Prepared: 06/21/23 Analyzed: 06/22/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2325039-BS1) Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	2.34	0.0250	2.50		93.5	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.2	70-130			
Toluene	2.33	0.0250	2.50		93.1	70-130			
o-Xylene	2.45	0.0250	2.50		98.1	70-130			
p,m-Xylene	4.81	0.0500	5.00		96.3	70-130			
Total Xylenes	7.27	0.0250	7.50		96.9	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

Matrix Spike (2325039-MS1) Source: E306152-21 Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	2.31	0.0250	2.50	ND	92.4	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.5	45-135			
Toluene	2.40	0.0250	2.50	ND	95.9	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	4.92	0.0500	5.00	ND	98.4	43-135			
Total Xylenes	7.45	0.0250	7.50	ND	99.3	43-135			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2325039-MSD1) Source: E306152-21 Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	2.18	0.0250	2.50	ND	87.0	48-131	6.02	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.2	45-135	4.53	27	
Toluene	2.28	0.0250	2.50	ND	91.3	48-130	4.91	24	
o-Xylene	2.48	0.0250	2.50	ND	99.0	43-135	2.10	27	
p,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135	2.87	27	
Total Xylenes	7.26	0.0250	7.50	ND	96.8	43-135	2.61	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:04:12PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2325039-BLK1) Prepared: 06/21/23 Analyzed: 06/22/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2325039-BS2) Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2325039-MS2) Source: E306152-21 Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	59.2	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike Dup (2325039-MSD2) Source: E306152-21 Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130	3.03	20	
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:04:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325031-BLK1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.6		50.0		111	50-200			

LCS (2325031-BS1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			

Matrix Spike (2325031-MS1)					Source: E306156-10		Prepared: 06/21/23 Analyzed: 06/21/23		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike Dup (2325031-MSD1)					Source: E306156-10		Prepared: 06/21/23 Analyzed: 06/21/23		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	2.37	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 907	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:04:12PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325033-BLK1)				Prepared: 06/21/23 Analyzed: 06/21/23					
Chloride	ND	20.0							
LCS (2325033-BS1)				Prepared: 06/21/23 Analyzed: 06/21/23					
Chloride	247	20.0	250		98.6	90-110			
Matrix Spike (2325033-MS1)				Source: E306152-11		Prepared: 06/21/23 Analyzed: 06/21/23			
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2325033-MSD1)				Source: E306152-11		Prepared: 06/21/23 Analyzed: 06/21/23			
Chloride	256	20.0	250	ND	103	80-120	0.219	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 907	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/22/23 16:04

- 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					Bill To					Lab Use Only					TAT				EPA Program																														
Project: JACKSON 907					Attention: ESS					Lab WO# E300157					Job Number 200410-0001				1D	2D	3D	Standard	CWA	SDWA																									
Project Manager: Natalie Gladden					Address: 2724 NW COUNTY ROAD					Analysis and Method									RCRA																														
Address:					City, State, Zip HOBBS, NM 88240																																												
City, State, Zip					Phone: 575-393-9048					DRO/DRO by 8015					GRO/DRO by 8015					BTEX by 8021					VOC by 8260					Metals 6010					Chloride 300.0					BGDOC NMI					BGDOC TX				
Phone:					EMAIL TO: Natalie@energystaffingllc.com																																												
Email:					Dakoatah@energystaffingllc.com					State					NM					CO					UT					AZ					TX														
Report due by:																																																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																																											
	06/19/23	S	1	Sw 13-17'	1	X																																											

Additional Instructions:

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

Sampled by: **Juan Solis**

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Juan Solis	06/19/23		Michelle Cuyler	6-20-23	1330
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michelle Cuyler	6-20-23	1700	Andrew Muzzo	6-20-23	1700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Muzzo	6-20-23	2230	Andrew Muzzo	6/21/23	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

Envirotech Analytical Laboratory

Printed: 6/21/2023 12:45:25PM

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:	06/21/23 10:00	Work Order ID:	E306157
Phone:	(575) 390-6397	Date Logged In:	06/20/23 17:12	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/22/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit 907 H

Work Order: E306158

Job Number: 20046-0001

Received: 6/21/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/22/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson Unit 907 H
Workorder: E306158
Date Received: 6/21/2023 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/21/2023 10:00:00AM, under the Project Name: Jackson Unit 907 H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 907 H 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/22/23 16:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP11 - 8'	E306158-01A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP12 - 8'	E306158-02A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP13 - 6'	E306158-03A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP14 - 8'	E306158-04A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP15 - 6'	E306158-05A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP16 - 6'	E306158-06A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP17 - 8'	E306158-07A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP18 - 14'	E306158-08A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP19 - 16'	E306158-09A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP20 - 16'	E306158-10A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP21 - 8'	E306158-11A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.
SP22 - 8'	E306158-12A	Soil	06/19/23	06/21/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson Unit 907 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/22/2023 4:08:57PM
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SP11 - 8'

E306158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23
Toluene	ND	0.0250	1	06/21/23	06/21/23
o-Xylene	ND	0.0250	1	06/21/23	06/21/23
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23
Surrogate: Bromofluorobenzene	106 %	70-130		06/21/23	06/21/23
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		06/21/23	06/21/23
Surrogate: Toluene-d8	106 %	70-130		06/21/23	06/21/23

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23
Surrogate: Bromofluorobenzene	106 %	70-130		06/21/23	06/21/23
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		06/21/23	06/21/23
Surrogate: Toluene-d8	106 %	70-130		06/21/23	06/21/23

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23
Surrogate: n-Nonane	97.6 %	50-200		06/21/23	06/22/23

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325051
Chloride	ND	20.0	1	06/21/23	06/21/23



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP12 - 8'

E306158-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		108 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		106 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		108 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		106 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		77.9 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP13 - 6'

E306158-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0500	2	06/21/23	06/21/23	
Ethylbenzene	ND	0.0500	2	06/21/23	06/21/23	
Toluene	ND	0.0500	2	06/21/23	06/21/23	
o-Xylene	ND	0.0500	2	06/21/23	06/21/23	
p,m-Xylene	ND	0.100	2	06/21/23	06/21/23	
Total Xylenes	ND	0.0500	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		85.8 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	64.1	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 6/22/2023 4:08:57PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP14 - 8'

E306158-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		107 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		107 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		88.4 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	ND	20.0	1	06/21/23	06/21/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP15 - 6'

E306158-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		108 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		104 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		108 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		104 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	29.9	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		75.5 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	116	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP16 - 6'

E306158-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0500	2	06/21/23	06/21/23	
Ethylbenzene	ND	0.0500	2	06/21/23	06/21/23	
Toluene	ND	0.0500	2	06/21/23	06/21/23	
o-Xylene	ND	0.0500	2	06/21/23	06/21/23	
p,m-Xylene	ND	0.100	2	06/21/23	06/21/23	
Total Xylenes	ND	0.0500	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		63.9 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	53.1	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP17 - 8'

E306158-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		103 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		103 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		70.7 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	84.6	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP18 - 14'

E306158-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0250	1	06/21/23	06/21/23	
Ethylbenzene	ND	0.0250	1	06/21/23	06/21/23	
Toluene	ND	0.0250	1	06/21/23	06/21/23	
o-Xylene	ND	0.0250	1	06/21/23	06/21/23	
p,m-Xylene	ND	0.0500	1	06/21/23	06/21/23	
Total Xylenes	ND	0.0250	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		88.3 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	ND	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP19 - 16'

E306158-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0500	2	06/21/23	06/21/23	
Ethylbenzene	ND	0.0500	2	06/21/23	06/21/23	
Toluene	ND	0.0500	2	06/21/23	06/21/23	
o-Xylene	ND	0.0500	2	06/21/23	06/21/23	
p,m-Xylene	ND	0.100	2	06/21/23	06/21/23	
Total Xylenes	ND	0.0500	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		104 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		104 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		82.5 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	65.3	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP20 - 16'

E306158-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0500	2	06/21/23	06/21/23	
Ethylbenzene	ND	0.0500	2	06/21/23	06/21/23	
Toluene	ND	0.0500	2	06/21/23	06/21/23	
o-Xylene	ND	0.0500	2	06/21/23	06/21/23	
p,m-Xylene	ND	0.100	2	06/21/23	06/21/23	
Total Xylenes	ND	0.0500	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		108 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/21/23	06/21/23	
Surrogate: Bromofluorobenzene		109 %	70-130	06/21/23	06/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	06/21/23	06/21/23	
Surrogate: Toluene-d8		108 %	70-130	06/21/23	06/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		79.2 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	63.3	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP21 - 8'

E306158-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0500	2	06/21/23	06/22/23	
Ethylbenzene	ND	0.0500	2	06/21/23	06/22/23	
Toluene	ND	0.0500	2	06/21/23	06/22/23	
o-Xylene	ND	0.0500	2	06/21/23	06/22/23	
p,m-Xylene	ND	0.100	2	06/21/23	06/22/23	
Total Xylenes	ND	0.0500	2	06/21/23	06/22/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/22/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	06/21/23	06/22/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/21/23	06/22/23	
Surrogate: Bromofluorobenzene		107 %	70-130	06/21/23	06/22/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	06/21/23	06/22/23	
Surrogate: Toluene-d8		105 %	70-130	06/21/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane		72.8 %	50-200	06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	ND	20.0	1	06/21/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/22/2023 4:08:57PM

SP22 - 8'

E306158-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Benzene	ND	0.0500	2	06/21/23	06/22/23	
Ethylbenzene	ND	0.0500	2	06/21/23	06/22/23	
Toluene	ND	0.0500	2	06/21/23	06/22/23	
o-Xylene	ND	0.0500	2	06/21/23	06/22/23	
p,m-Xylene	ND	0.100	2	06/21/23	06/22/23	
Total Xylenes	ND	0.0500	2	06/21/23	06/22/23	
Surrogate: Bromofluorobenzene	108 %	70-130		06/21/23	06/22/23	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		06/21/23	06/22/23	
Surrogate: Toluene-d8	104 %	70-130		06/21/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325039
Gasoline Range Organics (C6-C10)	ND	40.0	2	06/21/23	06/22/23	
Surrogate: Bromofluorobenzene	108 %	70-130		06/21/23	06/22/23	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		06/21/23	06/22/23	
Surrogate: Toluene-d8	104 %	70-130		06/21/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane	74.2 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325051
Chloride	174	20.0	1	06/21/23	06/22/23	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:08:57PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2325039-BLK1) Prepared: 06/21/23 Analyzed: 06/22/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2325039-BS1) Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	2.34	0.0250	2.50		93.5	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.2	70-130			
Toluene	2.33	0.0250	2.50		93.1	70-130			
o-Xylene	2.45	0.0250	2.50		98.1	70-130			
p,m-Xylene	4.81	0.0500	5.00		96.3	70-130			
Total Xylenes	7.27	0.0250	7.50		96.9	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

Matrix Spike (2325039-MS1) Source: E306152-21 Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	2.31	0.0250	2.50	ND	92.4	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.5	45-135			
Toluene	2.40	0.0250	2.50	ND	95.9	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	4.92	0.0500	5.00	ND	98.4	43-135			
Total Xylenes	7.45	0.0250	7.50	ND	99.3	43-135			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2325039-MSD1) Source: E306152-21 Prepared: 06/21/23 Analyzed: 06/21/23

Benzene	2.18	0.0250	2.50	ND	87.0	48-131	6.02	23	
Ethylbenzene	2.31	0.0250	2.50	ND	92.2	45-135	4.53	27	
Toluene	2.28	0.0250	2.50	ND	91.3	48-130	4.91	24	
o-Xylene	2.48	0.0250	2.50	ND	99.0	43-135	2.10	27	
p,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135	2.87	27	
Total Xylenes	7.26	0.0250	7.50	ND	96.8	43-135	2.61	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:08:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325039-BLK1)

Prepared: 06/21/23 Analyzed: 06/22/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2325039-BS2)

Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2325039-MS2)

Source: E306152-21

Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	59.2	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike Dup (2325039-MSD2)

Source: E306152-21

Prepared: 06/21/23 Analyzed: 06/21/23

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130	3.03	20	
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:08:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325050-BLK1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.8		50.0		122	50-200			

LCS (2325050-BS1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			

Matrix Spike (2325050-MS1)					Source: E306158-03		Prepared: 06/21/23 Analyzed: 06/21/23		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	35.7		50.0		71.5	50-200			

Matrix Spike Dup (2325050-MSD1)					Source: E306158-03		Prepared: 06/21/23 Analyzed: 06/22/23		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	5.37	20	
Surrogate: n-Nonane	33.8		50.0		67.6	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/22/2023 4:08:57PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325051-BLK1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Chloride	ND	20.0							
LCS (2325051-BS1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2325051-MS1)					Source: E306158-01		Prepared: 06/21/23 Analyzed: 06/21/23		
Chloride	261	20.0	250	ND	105	80-120			
Matrix Spike Dup (2325051-MSD1)					Source: E306158-01		Prepared: 06/21/23 Analyzed: 06/21/23		
Chloride	260	20.0	250	ND	104	80-120	0.607	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 907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/22/23 16:08

- 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.



Chain of Custody

Additional Instructions:				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.				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.
Sampled by: <u>Jose R Alvarez</u>				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Time
<u>Jose R Alvarez</u>	<u>06-19-23</u>		<u>Michelle Cuyf</u>	<u>1330</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Time
<u>Michelle Cuyf</u>	<u>6-20-23</u>	<u>1700</u>	<u>Andrew Messo</u>	<u>1700</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Time
<u>Andrew Messo</u>	<u>6-20-23</u>	<u>2230</u>	<u>Ally</u>	<u>1000</u>
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 to the amount paid for on the report.)				

Project Information

Chain of Custody

Page 2 of 2

Client: <u>Top Rock</u>					Bill To					Lab Use Only					TAT				EPA Program																														
Project: <u>Jackson unit # 90711</u>					Attention: <u>ESS</u>					Lab WO# <u>E306158</u>					Job Number <u>20040-0001</u>				1D	2D	3D	Standard	CWA	SDWA																									
Project Manager: <u>Natalie Gladden</u>					Address: <u>2724 NW COUNTY ROAD</u>					Analysis and Method									RCRA																														
Address:					City, State, Zip <u>HOBBS, NM 88240</u>																																												
City, State, Zip					Phone: <u>575-393-9048</u>					DRO/DRO by 8015					GRO/DRO by 8015					BTEX by 8021					VOC by 8260					Metals 6010					Chloride 300.0					RGDOC NM					RGDOC TX				
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>																																												
Email:					Dakoatah@energystaffingllc.com					State					NM					CO					UT					AZ					TX														
Report due by:																																																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																																											
	06-19-23	S	1	SP21-8'	11																																												
	06-19-23	S	1	SP22-8'	12																																												

Additional Instructions:

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

Sampled by: Jose R Alvarez

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Jose R Alvarez</u>	6-19-23		<u>Michelle Gungor</u>	6-20-23	1330
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Michelle Gungor</u>	6-20-23	1700	<u>Andrew M Russo</u>	6-20-23	1700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Andrew M Russo</u>	6-20-23	2230	<u>Ally</u>	6/21/23	1000

Lab Use Only		
Received on Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
T1	T2	T3
AVG Temp °C <u>4</u>		

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

Envirotech Analytical Laboratory

Printed: 6/21/2023 12:50:41PM

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:	06/21/23 10:00	Work Order ID:	E306158
Phone:	(575) 390-6397	Date Logged In:	06/21/23 10:12	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	06/22/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? No
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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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 filtration 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit #907 H

Work Order: E306170

Job Number: 20046-0001

Received: 6/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/23/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/23/23



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit #907 H
Workorder: E306170
Date Received: 6/22/2023 7:29:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/22/2023 7:29:00AM, under the Project Name: Jackson Unit #907 H.

The analytical test results summarized in this report with the Project Name: Jackson Unit #907 H 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 regarding 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
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/23/23 15:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP23 - 6	E306170-01A	Soil	06/20/23	06/22/23	Glass Jar, 2 oz.
SP24 - 6	E306170-02A	Soil	06/20/23	06/22/23	Glass Jar, 2 oz.
SP25 - 6	E306170-03A	Soil	06/20/23	06/22/23	Glass Jar, 2 oz.
SP26 - 6	E306170-04A	Soil	06/20/23	06/22/23	Glass Jar, 2 oz.
SP27 - 6	E306170-05A	Soil	06/20/23	06/22/23	Glass Jar, 2 oz.
SP28 - 6	E306170-06A	Soil	06/20/23	06/22/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson Unit #907 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2023 3:00:56PM
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SP23 - 6

E306170-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Benzene	ND	0.0250	1	06/22/23	06/22/23	
Ethylbenzene	ND	0.0250	1	06/22/23	06/22/23	
Toluene	ND	0.0250	1	06/22/23	06/22/23	
o-Xylene	ND	0.0250	1	06/22/23	06/22/23	
p,m-Xylene	ND	0.0500	1	06/22/23	06/22/23	
Total Xylenes	ND	0.0250	1	06/22/23	06/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.8 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/23	06/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.0 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2325050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
<i>Surrogate: n-Nonane</i>	79.2 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325058	
Chloride	ND	20.0	1	06/22/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/23/2023 3:00:56PM

SP24 - 6

E306170-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325056
Benzene	ND	0.0250	1	06/22/23	06/22/23	
Ethylbenzene	ND	0.0250	1	06/22/23	06/22/23	
Toluene	ND	0.0250	1	06/22/23	06/22/23	
o-Xylene	ND	0.0250	1	06/22/23	06/22/23	
p,m-Xylene	ND	0.0500	1	06/22/23	06/22/23	
Total Xylenes	ND	0.0250	1	06/22/23	06/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325056
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/23	06/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.2 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
<i>Surrogate: n-Nonane</i>						
	75.8 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325058
Chloride	43.7	20.0	1	06/22/23	06/22/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported: 6/23/2023 3:00:56PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP25 - 6

E306170-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Benzene	ND	0.0250	1	06/22/23	06/22/23	
Ethylbenzene	ND	0.0250	1	06/22/23	06/22/23	
Toluene	ND	0.0250	1	06/22/23	06/22/23	
o-Xylene	ND	0.0250	1	06/22/23	06/22/23	
p,m-Xylene	ND	0.0500	1	06/22/23	06/22/23	
Total Xylenes	ND	0.0250	1	06/22/23	06/22/23	
Surrogate: 4-Bromochlorobenzene-PID	95.5 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/23	06/22/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.2 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2325050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane	84.3 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325058	
Chloride	45.7	20.0	1	06/22/23	06/22/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported: 6/23/2023 3:00:56PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP26 - 6

E306170-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Benzene	ND	0.0250	1	06/22/23	06/22/23	
Ethylbenzene	ND	0.0250	1	06/22/23	06/22/23	
Toluene	ND	0.0250	1	06/22/23	06/22/23	
o-Xylene	ND	0.0250	1	06/22/23	06/22/23	
p,m-Xylene	ND	0.0500	1	06/22/23	06/22/23	
Total Xylenes	ND	0.0250	1	06/22/23	06/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/23	06/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2325050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
<i>Surrogate: n-Nonane</i>						
	72.7 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2325058	
Chloride	26.7	20.0	1	06/22/23	06/22/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit #907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
6/23/2023 3:00:56PM

SP27 - 6

E306170-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325056
Benzene	ND	0.0250	1	06/22/23	06/22/23	
Ethylbenzene	ND	0.0250	1	06/22/23	06/22/23	
Toluene	ND	0.0250	1	06/22/23	06/22/23	
o-Xylene	ND	0.0250	1	06/22/23	06/22/23	
p,m-Xylene	ND	0.0500	1	06/22/23	06/22/23	
Total Xylenes	ND	0.0250	1	06/22/23	06/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2325056
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/23	06/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2325050
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2325058
Chloride	30.8	20.0	1	06/22/23	06/22/23	



Sample Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported: 6/23/2023 3:00:56PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP28 - 6

E306170-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Benzene	ND	0.0250	1	06/22/23	06/22/23	
Ethylbenzene	ND	0.0250	1	06/22/23	06/22/23	
Toluene	ND	0.0250	1	06/22/23	06/22/23	
o-Xylene	ND	0.0250	1	06/22/23	06/22/23	
p,m-Xylene	ND	0.0500	1	06/22/23	06/22/23	
Total Xylenes	ND	0.0250	1	06/22/23	06/22/23	
Surrogate: 4-Bromochlorobenzene-PID	94.7 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2325056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/23	06/22/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.5 %	70-130		06/22/23	06/22/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2325050	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/21/23	06/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/21/23	06/22/23	
Surrogate: n-Nonane	92.3 %	50-200		06/21/23	06/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2325058	
Chloride	39.6	20.0	1	06/22/23	06/22/23	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2023 3:00:56PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325056-BLK1) Prepared: 06/22/23 Analyzed: 06/22/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

LCS (2325056-BS1) Prepared: 06/22/23 Analyzed: 06/22/23

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.2	70-130			
Toluene	4.93	0.0250	5.00		98.6	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.7	0.0250	15.0		98.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.1	70-130			

Matrix Spike (2325056-MS1) Source: E306170-01 Prepared: 06/22/23 Analyzed: 06/22/23

Benzene	5.10	0.0250	5.00	ND	102	54-133			
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133			
Toluene	5.07	0.0250	5.00	ND	101	61-130			
o-Xylene	5.00	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

Matrix Spike Dup (2325056-MSD1) Source: E306170-01 Prepared: 06/22/23 Analyzed: 06/22/23

Benzene	4.95	0.0250	5.00	ND	98.9	54-133	3.09	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	61-133	2.41	20	
Toluene	4.93	0.0250	5.00	ND	98.6	61-130	2.92	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	63-131	3.16	20	
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131	2.33	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.6	63-131	2.60	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2023 3:00:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325056-BLK1) Prepared: 06/22/23 Analyzed: 06/22/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

LCS (2325056-BS2) Prepared: 06/22/23 Analyzed: 06/22/23

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			

Matrix Spike (2325056-MS2) Source: E306170-01 Prepared: 06/22/23 Analyzed: 06/22/23

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	92.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

Matrix Spike Dup (2325056-MSD2) Source: E306170-01 Prepared: 06/22/23 Analyzed: 06/22/23

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130	5.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2023 3:00:56PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2325050-BLK1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.8		50.0		122	50-200			

LCS (2325050-BS1)					Prepared: 06/21/23 Analyzed: 06/21/23				
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			

Matrix Spike (2325050-MS1)					Source: E306158-03		Prepared: 06/21/23 Analyzed: 06/21/23		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	35.7		50.0		71.5	50-200			

Matrix Spike Dup (2325050-MSD1)					Source: E306158-03		Prepared: 06/21/23 Analyzed: 06/22/23		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132	5.37	20	
Surrogate: n-Nonane	33.8		50.0		67.6	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2023 3:00:56PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2325058-BLK1)					Prepared: 06/22/23 Analyzed: 06/22/23				
Chloride	ND	20.0							
LCS (2325058-BS1)					Prepared: 06/22/23 Analyzed: 06/22/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2325058-MS1)					Source: E306168-01		Prepared: 06/22/23 Analyzed: 06/22/23		
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2325058-MSD1)					Source: E306168-01		Prepared: 06/22/23 Analyzed: 06/22/23		
Chloride	266	20.0	250	ND	106	80-120	0.731	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 #907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/23/23 15:00

- 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: <u>Top Rock</u>					Bill To					Lab Use Only					TAT				EPA Program																																			
Project: <u>Jackson Unit # 907H</u>					Attention: <u>ESS</u>					Lab WO# <u>E 306170</u>					Job Number <u>20046-0001</u>				1D	2D	3D	Standard	CWA	SDWA																														
Project Manager: <u>Natalie Gadden</u>					Address: <u>2724 NW COUNTY ROAD</u>					Analysis and Method									RCRA																																			
Address:					City, State, Zip <u>HOBBS, NM 88240</u>																																																	
City, State, Zip					Phone: <u>575-393-9048</u>					DRO/ORO by 8015					GRO/DRO by 8015					BTEX by 8021					VOC by 8260					Metals 6010					Chloride 300.0					BGDOC NM					BGDOC TX					State				
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>																																																	
Email:					<u>Dakotah@energystaffingllc.com</u>					NM					CO					UT					AZ					TX																								
Report due by:																																																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																																																
	6-20-23	S	1	SP 23-6	1																																																	
				SP 24-6	2																																																	
				SP 25-6	3																																																	
				SP 26-6	4																																																	
				SP 27-6	5																																																	
	6-20-23	S	1	SP 28-6	6																																																	

Additional Instructions:

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

Sampled by: Jose R. Alvarez

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Jose R. Alvarez</u>	6-20-23		<u>Michelle Camp</u>	6-21-23	1500
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Michelle Camp</u>	6-21-23	1715	<u>Andrew Messo</u>	6-21-23	1715
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Andrew Messo</u>	6-21-23	2300	<u>Shane Ziegler</u>	06/22/23	7:29

Lab Use Only		
Received on ice:	Y / N	
T1	T2	T3
AVG Temp °C <u>4.0</u>		

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

Envirotech Analytical Laboratory

Printed: 6/22/2023 10:42:21AM

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:	06/22/23 07:29	Work Order ID:	E306170
Phone:	(575) 390-6397	Date Logged In:	06/21/23 16:45	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	06/23/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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.

JACKSON UNIT #907H
DELINEATION SITE PHOTOS













Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Tuesday, May 30, 2023 12:34 PM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 221736

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#) nAPP2315045211, 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 nAPP2315045211, 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

Company Name: TAPROCK

Location Name: JACKSON 907H

Release Date:

SP ID	Depth	Titre	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
COMP1	6	160	L	ND	ND	ND	ND	ND	91.6	
COMP2	4	160	L	ND	ND	ND	ND	ND	99.4	
COMP3	5	160	L	ND	ND	ND	ND	ND	92.2	
COMP4	2	160	L	ND	ND	ND	ND	ND	91.9	
COMP5	4	160	L	ND	ND	ND	ND	ND	92.4	
COMP6	6	160	L	ND	ND	ND	ND	ND	88.1	
COMP7	4	160	L	ND	ND	ND	ND	ND	90.5	
COMP8	4	160	L	ND	ND	ND	ND	ND	92.5	
COMP9	3	160	L	ND	ND	ND	ND	ND	90.3	
COMP10	11	160	L	ND	ND	ND	ND	ND	90.4	
COMP11	12	160	L	ND	ND	ND	ND	ND	91.1	
COMP12	14	160	L	ND	ND	ND	ND	ND	90.3	
COMP13	14	160	L	ND	ND	ND	ND	ND	90	
COMP14	6	160	L	ND	ND	ND	ND	ND	90.7	
COMP15	4	160	L	ND	ND	ND	ND	ND	91.4	
SWCOMP1	6	160	L	ND	ND	ND	ND	ND	92.3	

SWCOMP2	4	160	L	ND	ND	ND	ND	ND	91	
SWCOMP3	5	160	L	ND	ND	ND	ND	ND	90.5	
SWCOMP4	2	160	L	ND	ND	ND	ND	ND	89.4	
SWCOMP5	4	160	L	ND	ND	ND	ND	ND	90.7	
SWCOMP6	6	160	L	ND	ND	ND	ND	ND	89.9	
SWCOMP7	4	160	L	ND	ND	ND	ND	ND	91.6	
SWCOMP8	4	160	L	ND	ND	ND	ND	ND	91.3	
SWCOMP9	3	160	L	ND	ND	ND	ND	ND	89.7	
SWCOMP10	11	160	L	ND	ND	ND	ND	ND	91.6	
SWCOMP11	11	160	L	ND	ND	ND	ND	ND	90.3	
SWCOMP12	12	160	L	ND	ND	ND	ND	ND	91.7	
SWCOMP13	14	160	L	ND	ND	ND	ND	ND	91	
SWCOMP14	6	160	L	ND	ND	ND	ND	ND	90.2	
SWCOMP15	4	160	L	ND	ND	ND	ND	ND	90.2	
SWCOMP16	6	160	L	ND	ND	ND	ND	ND	91.4	
SWCOMP17	4	160	L	ND	ND	ND	ND	ND	92.3	
SWCOMP18	6	160	L	ND	ND	ND	ND	ND	92.2	

TAPROCK JACKSON 907

15 Composites

Legend

- Composites
- Taprock Jackson 907 GEO measure



CLIENTS	Taprock
LOCATION	Taprock Jackson 907

SAMPLE ID	LAT	LONG
C1	32;11'55.29"N	103;33'47.43"W
C2	32;11'55.18"N	103;33'47.39"W
C3	32;11'55.05"N	103;33'47.41"W
C4	32;11'54.86"N	103;33'47.48"W
C5	32;11'54.85"N	103;33'47.84"W
C6	32;11'54.65"N	103;33'48.07"W
C7	32;11'54.70"N	103;33'47.95"W
C8	32;11'54.78"N	103;33'47.55"W
C9	32;11'54.77"N	103;33'47.33"W
C10	32;11'54.69"N	103;33'47.09"W
C11	32;11'54.60"N	103;33'47.11"W
C12	32;11'54.49"N	103;33'47.02"W
C13	32;11'54.39"N	103;33'46.98"W
C14	32;11'54.34"N	103;33'46.77"W
C15	32;11'54.26"N	103;33'46.95"W

TAP ROCK

JACKSON UNIT #907H
SIDEWALL COMPOSITE MAP

Legend

- EXCAVATION AREA
- SIDEWALL COMPOSITES



COMPANY: TAP ROCK**LOCATION: JACKSON UNIT 907H**

POINT	LATITUDE	LONGITUDE
CSW1	32.198714°	-103.563145°
CSW2	32.198672°	-103.563114°
CSW3	32.198610°	-103.563160°
CSW4	32.198556°	-103.563156°
CSW5	32.198526°	-103.563085°
CSW6	32.198505°	-103.563063°
CSW7	32.198447°	-103.563009°
CSW8	32.198399°	-103.562953°
CSW9	32.198381°	-103.563053°
CSW10	32.198467°	-103.563084°
CSW11	32.198534°	-103.563147°
CSW12	32.198528°	-103.563270°
CSW13	32.198483°	-103.563347°
CSW14	32.198545°	-103.563366°
CSW15	32.198555°	-103.563225°
CSW16	32.198555°	-103.563328°
CSW17	32.198572°	-103.563199°
CSW18	32.198652°	-103.563198°

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit 907 H

Work Order: E401176

Job Number: 20046-0001

Received: 1/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/30/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/30/24

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson Unit 907 H
Workorder: E401176
Date Received: 1/27/2024 8:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/27/2024 8:30:00AM, under the Project Name: Jackson Unit 907 H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 907 H 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/30/24 10:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SPCOMP1-6'	E401176-01A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP2-4'	E401176-02A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP3-5'	E401176-03A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP4-2'	E401176-04A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP5-4'	E401176-05A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP6-6'	E401176-06A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP7-4'	E401176-07A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP8-4'	E401176-08A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP9-3'	E401176-09A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP10-11'	E401176-10A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP11-12'	E401176-11A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP12-14'	E401176-12A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP13-14'	E401176-13A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP14-6'	E401176-14A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP15-4'	E401176-15A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP1-6'	E401176-16A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP2-4'	E401176-17A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP3-5'	E401176-18A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP4-2'	E401176-19A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP5-4'	E401176-20A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 10:26:08AM

SPCOMP1-6'

E401176-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.6 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.5 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>	99.7 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	91.6	20.0	1	01/27/24	01/27/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP2-4'
E401176-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
Surrogate: 4-Bromochlorobenzene-PID	95.7 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
Surrogate: n-Nonane	97.5 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	99.4	20.0	1	01/27/24	01/27/24	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/30/2024 10:26:08AM

SPCOMP3-5'

E401176-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	95.5 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	92.2	20.0	1	01/27/24	01/27/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP4-2'
E401176-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	99.6 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	91.9	20.0	1	01/27/24	01/27/24	

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP5-4'
E401176-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	92.4	20.0	1	01/27/24	01/28/24	

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP6-6'
E401176-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	88.1	20.0	1	01/27/24	01/28/24	

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP7-4'
E401176-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.5	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP8-4'
E401176-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	99.6 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	92.5	20.0	1	01/27/24	01/28/24	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/30/2024 10:26:08AM

SPCOMP9-3'

E401176-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	98.7 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.3	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP10-11'

E401176-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.4	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/30/2024 10:26:08AM

SPCOMP11-12'

E401176-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	91.1	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP12-14'

E401176-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
Surrogate: n-Nonane	99.4 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.3	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP13-14'

E401176-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/28/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/28/24	
Toluene	ND	0.0250	1	01/27/24	01/28/24	
o-Xylene	ND	0.0250	1	01/27/24	01/28/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/28/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/28/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/28/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		01/27/24	01/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.0	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP14-6'
E401176-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	92.8 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
Surrogate: n-Nonane	100 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.7	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP15-4'
E401176-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	92.5 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
Surrogate: n-Nonane	100 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	91.4	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/30/2024 10:26:08AM

SWCOMP1-6'

E401176-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	99.4 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	92.3	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP2-4'
E401176-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	92.1 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
Surrogate: n-Nonane	100 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	91.0	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP3-5'

E401176-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/28/24	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/27/24	01/28/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.5	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 10:26:08AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP4-2'

E401176-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.6 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.7 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/29/24	
<i>Surrogate: n-Nonane</i>	101 %	50-200		01/27/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	89.4	20.0	1	01/27/24	01/28/24	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/30/2024 10:26:08AM

SWCOMP5-4'

E401176-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Benzene	ND	0.0250	1	01/27/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/27/24	01/29/24	
Toluene	ND	0.0250	1	01/27/24	01/29/24	
o-Xylene	ND	0.0250	1	01/27/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/27/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/27/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2404070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/27/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		01/27/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2404073	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/24	01/29/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		01/27/24	01/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2404071	
Chloride	90.7	20.0	1	01/27/24	01/28/24	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 10:26:08AM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2404070-BLK1) Prepared: 01/27/24 Analyzed: 01/28/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			

LCS (2404070-BS1) Prepared: 01/27/24 Analyzed: 01/28/24

Benzene	4.91	0.0250	5.00		98.1	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.90	0.0250	5.00		97.9	70-130			
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	70-130			

Matrix Spike (2404070-MS1) Source: E401176-06 Prepared: 01/27/24 Analyzed: 01/28/24

Benzene	5.05	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	5.08	0.0250	5.00	ND	102	61-130			
o-Xylene	5.03	0.0250	5.00	ND	101	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike Dup (2404070-MSD1) Source: E401176-06 Prepared: 01/27/24 Analyzed: 01/28/24

Benzene	4.78	0.0250	5.00	ND	95.5	54-133	5.69	20	
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	61-133	5.67	20	
Toluene	4.80	0.0250	5.00	ND	96.0	61-130	5.65	20	
o-Xylene	4.77	0.0250	5.00	ND	95.5	63-131	5.21	20	
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	63-131	5.63	20	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131	5.49	20	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 10:26:08AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2404070-BLK1) Prepared: 01/27/24 Analyzed: 01/28/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2404070-BS2) Prepared: 01/27/24 Analyzed: 01/28/24

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

Matrix Spike (2404070-MS2) Source: E401176-06 Prepared: 01/27/24 Analyzed: 01/28/24

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			

Matrix Spike Dup (2404070-MSD2) Source: E401176-06 Prepared: 01/27/24 Analyzed: 01/28/24

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.5	70-130	4.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 10:26:08AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2404073-BLK1) Prepared: 01/27/24 Analyzed: 01/28/24

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 (2404073-BS1) Prepared: 01/27/24 Analyzed: 01/28/24

Diesel Range Organics (C10-C28)	236	25.0	250		94.5	38-132			
Surrogate: n-Nonane	47.8		50.0		95.7	50-200			

Matrix Spike (2404073-MS1) Source: E401176-15 Prepared: 01/27/24 Analyzed: 01/28/24

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	38-132			
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			

Matrix Spike Dup (2404073-MSD1) Source: E401176-15 Prepared: 01/27/24 Analyzed: 01/28/24

Diesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132	3.06	20	
Surrogate: n-Nonane	48.0		50.0		96.1	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 10:26:08AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2404071-BLK1)					Prepared: 01/27/24 Analyzed: 01/27/24				
Chloride	ND	20.0							
LCS (2404071-BS1)					Prepared: 01/27/24 Analyzed: 01/27/24				
Chloride	245	20.0	250		98.0	90-110			
Matrix Spike (2404071-MS1)					Source: E401176-02		Prepared: 01/27/24 Analyzed: 01/27/24		
Chloride	337	20.0	250	99.4	95.2	80-120			
Matrix Spike Dup (2404071-MSD1)					Source: E401176-02		Prepared: 01/27/24 Analyzed: 01/27/24		
Chloride	358	20.0	250	99.4	104	80-120	5.99	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 907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/30/24 10:26

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 4

Rush

Client: <u>Tap Rock</u> Project: <u>Jackson Unit 927 H</u> Project Manager: <u>Natalie Madden</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Report due by: _____				Bill To Attention: ENERGY STAFFING SERVICES Address: 2724 NW COUNTY RD City, State, Zip: HOBBS, NM 88240 Phone: 575-393-9048 Email: NATALIE@ENERGYSTAFFINGLLC.COM BRITTNEY@ENERGYSTAFFINGLLC.COM				Lab Use Only Lab WO# <u>E 401176200460001</u> Job Number <u>200460001</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/> EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/> Remarks			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks			
	1/15/24	S	1	SPComp 1-6'	1							<input checked="" type="checkbox"/>					
				SPComp 2-4'	2												
				SPComp 3-5'	3												
				SPComp 4-2'	4												
				SPComp 5-4'	5												
				SPComp 6-6'	6												
				SPComp 7-4'	7												
				SPComp 8-4'	8												
				SPComp 9-3'	9												
		S	1	SPComp 10-11'	10												

Additional Instructions:

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

Sampled by:

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

Relinquished by: (Signature) <u>Brittney Camacho</u>				Date: <u>1/25/24</u>		Time: _____		Received by: (Signature) <u>Michelle Cuyf</u>		Date: <u>1-26-24</u>		Time: <u>1340</u>		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	
Relinquished by: (Signature) <u>Michelle Cuyf</u>				Date: <u>1-26-24</u>		Time: <u>1715</u>		Received by: (Signature) <u>Andrew Muggs</u>		Date: <u>1-26-24</u>		Time: <u>1715</u>			
Relinquished by: (Signature) <u>Andrew Muggs</u>				Date: <u>1-26-24</u>		Time: <u>2300</u>		Received by: (Signature) <u>Michelle Cuyf</u>		Date: <u>1/27/24</u>		Time: <u>830</u>			

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.

Project Information

Chain of Custody

Page 2 of 4

Rush

Client: <u>Top Rock</u> Project: <u>Jackson Unit 907H</u> Project Manager: <u>Natalie Gladden</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Report due by: _____				Bill To Attention: <u>ENERGY STAFFING SERVICES</u> Address: <u>2724 NW COUNTY RD</u> City, State, Zip: <u>HOBBS, NM 88240</u> Phone: <u>575-393-9048</u> Email: <u>NATALIE@ENERGYSTAFFINGLLC.COM</u> <u>BRITTNEY@ENERGYSTAFFINGLLC.COM</u>				Lab Use Only Lab WO# <u>E 401176</u> Job Number <u>200460001</u> Analysis and Method DRO/ORO by 8015 _____ GRO/DRO by 8015 _____ BTEX by 8021 _____ VOC by 8260 _____ Metals 6010 _____ Chloride 300.0 _____ BGDOC NM _____ BGDOC TX _____						TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>		EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>							
										Remarks							

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
	1/25/24	S	1	SPComp 11-12'	11							X		
				SPComp 12-14'	12									
				SPComp 13-14'	13									
				SPComp 14-6'	14									
				SPComp 15-4'	15									
				SWComp 1-6'	16									
				SWComp 2-4'	17									
				SWComp 3-5'	18									
				SWComp 4-2'	19									
				SWComp 5-4'	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.

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) <u>BB</u> Date <u>1/25/24</u> Time _____ Relinquished by: (Signature) <u>Michelle Coyb</u> Date <u>1-26-24</u> Time <u>1715</u> Relinquished by: (Signature) <u>Andrew M880</u> Date <u>1-26-24</u> Time <u>2300</u>				Received by: (Signature) <u>Michelle Coyb</u> Date <u>1-26-24</u> Time <u>1340</u> Received by: (Signature) <u>Andrew M880</u> Date <u>1-26-24</u> Time <u>1715</u> Received by: (Signature) <u>Andrew M880</u> Date <u>1/27/24</u> Time <u>8:30</u>				Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					

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

Envirotech Analytical Laboratory

Printed: 1/29/2024 3:19:00PM

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:	01/27/24 08:30	Work Order ID:	E401176
Phone:	(575) 390-6397	Date Logged In:	01/26/24 16:06	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	01/29/24 17:00 (0 day TAT)		

Chain of Custody (COC)

- | | |
|---|-----|
| 1. Does the sample ID match the COC? | No |
| 2. Does the number of samples per sampling site location match the COC | Yes |
| 3. Were samples dropped off by client or carrier? | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No |
| 5. Were all samples received within holding time? | Yes |

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 | Yes |

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- | | |
|---|--|
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | |
|---|--|

Sample Container

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

Field Label

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

Sample Preservation

- | | |
|---|----|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved? | NA |
| 24. Is lab filtration 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

Time sampled is not documented on the COC by client. Sample IDs on COC did not match sample IDs on jars, client verification was needed by B. Corral. Project Jackson Unit 907H has been separated into 2 WO due to high sample volume. WO are: E401176/E401177.

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit 907 H

Work Order: E401177

Job Number: 20046-0001

Received: 1/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/30/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/30/24



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit 907 H
Workorder: E401177
Date Received: 1/27/2024 8:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/27/2024 8:30:00AM, under the Project Name: Jackson Unit 907 H.

The analytical test results summarized in this report with the Project Name: Jackson Unit 907 H 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/30/24 13:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SWCOMP6-6'	E401177-01A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP7-4'	E401177-02A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP8-4'	E401177-03A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP9-3'	E401177-04A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP10-11'	E401177-05A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP11-11'	E401177-06A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP12-12'	E401177-07A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP13-14'	E401177-08A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP14-6'	E401177-09A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP15-4'	E401177-10A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP16-6'	E401177-11A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SWCOMP17-4'	E401177-12A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.
SPCOMP11-6'	E401177-13A	Soil	01/25/24	01/27/24	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP6-6'
E401177-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	94.7 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	99.7 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	89.9	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson Unit 907 H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/30/2024 1:51:29PM

SWCOMP7-4'

E401177-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	91.6	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP8-4'
E401177-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	96.6 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.3 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	97.4 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	91.3	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP9-3'
E401177-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.5 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	97.4 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	89.7	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP10-11'
E401177-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.2 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	98.2 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	91.6	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP11-11'
E401177-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	91.9 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	97.7 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	90.3	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP12-12'
E401177-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	101 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	91.7	20.0	1	01/29/24	01/29/24	

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP13-14'
E401177-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.1 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	100 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	91.0	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP14-6'

E401177-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	90.2	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP15-4'

E401177-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	94.6 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.6 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	106 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	90.2	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP16-6'
E401177-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	95.7 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	106 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	91.4	20.0	1	01/29/24	01/29/24	



Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SWCOMP17-4'
E401177-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
Surrogate: 4-Bromochlorobenzene-PID	96.2 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.7 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
Surrogate: n-Nonane	108 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	92.3	20.0	1	01/29/24	01/29/24	

Sample Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported: 1/30/2024 1:51:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SPCOMP11-6'

E401177-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Benzene	ND	0.0250	1	01/28/24	01/29/24	
Ethylbenzene	ND	0.0250	1	01/28/24	01/29/24	
Toluene	ND	0.0250	1	01/28/24	01/29/24	
o-Xylene	ND	0.0250	1	01/28/24	01/29/24	
p,m-Xylene	ND	0.0500	1	01/28/24	01/29/24	
Total Xylenes	ND	0.0250	1	01/28/24	01/29/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/24	01/29/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		01/28/24	01/29/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405003	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/24	01/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/24	01/29/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/29/24	01/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2405008	
Chloride	90.0	20.0	1	01/29/24	01/29/24	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 1:51:29PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2405001-BLK1) Prepared: 01/28/24 Analyzed: 01/29/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID 7.35 8.00 91.9 70-130

LCS (2405001-BS1) Prepared: 01/28/24 Analyzed: 01/29/24

Benzene	4.97	0.0250	5.00		99.3	70-130			
Ethylbenzene	4.92	0.0250	5.00		98.5	70-130			
Toluene	4.98	0.0250	5.00		99.5	70-130			
o-Xylene	4.90	0.0250	5.00		98.1	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.6	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.33 8.00 91.7 70-130

Matrix Spike (2405001-MS1) Source: E401177-02 Prepared: 01/28/24 Analyzed: 01/29/24

Benzene	4.77	0.0250	5.00	ND	95.4	54-133			
Ethylbenzene	4.72	0.0250	5.00	ND	94.5	61-133			
Toluene	4.77	0.0250	5.00	ND	95.4	61-130			
o-Xylene	4.73	0.0250	5.00	ND	94.5	63-131			
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131			

Surrogate: 4-Bromochlorobenzene-PID 7.57 8.00 94.6 70-130

Matrix Spike Dup (2405001-MSD1) Source: E401177-02 Prepared: 01/28/24 Analyzed: 01/29/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	6.84	20	
Ethylbenzene	5.09	0.0250	5.00	ND	102	61-133	7.40	20	
Toluene	5.13	0.0250	5.00	ND	103	61-130	7.17	20	
o-Xylene	5.08	0.0250	5.00	ND	102	63-131	7.21	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	7.16	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	7.18	20	

Surrogate: 4-Bromochlorobenzene-PID 7.49 8.00 93.6 70-130



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 1:51:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2405001-BLK1) Prepared: 01/28/24 Analyzed: 01/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

LCS (2405001-BS2) Prepared: 01/28/24 Analyzed: 01/29/24

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Matrix Spike (2405001-MS2) Source: E401177-02 Prepared: 01/28/24 Analyzed: 01/29/24

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			

Matrix Spike Dup (2405001-MSD2) Source: E401177-02 Prepared: 01/28/24 Analyzed: 01/29/24

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.4	70-130	3.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 1:51:29PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2405003-BLK1) Prepared: 01/29/24 Analyzed: 01/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			

LCS (2405003-BS1) Prepared: 01/29/24 Analyzed: 01/29/24

Diesel Range Organics (C10-C28)	199	25.0	250		79.5	38-132			
Surrogate: n-Nonane	48.1		50.0		96.2	50-200			

Matrix Spike (2405003-MS1) Source: E401177-05 Prepared: 01/29/24 Analyzed: 01/29/24

Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.4	38-132			
Surrogate: n-Nonane	48.3		50.0		96.7	50-200			

Matrix Spike Dup (2405003-MSD1) Source: E401177-05 Prepared: 01/29/24 Analyzed: 01/29/24

Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.5	38-132	7.68	20	
Surrogate: n-Nonane	49.5		50.0		99.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit 907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/30/2024 1:51:29PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2405008-BLK1)					Prepared: 01/29/24 Analyzed: 01/29/24				
Chloride	ND	20.0							
LCS (2405008-BS1)					Prepared: 01/29/24 Analyzed: 01/29/24				
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2405008-MS1)					Source: E401177-05		Prepared: 01/29/24 Analyzed: 01/29/24		
Chloride	341	20.0	250	91.6	99.7	80-120			
Matrix Spike Dup (2405008-MSD1)					Source: E401177-05		Prepared: 01/29/24 Analyzed: 01/29/24		
Chloride	345	20.0	250	91.6	102	80-120	1.34	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 907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/30/24 13:51

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 3 of 4

Client: Top Rock
 Project: Jackson Unit 907H
 Project Manager: Natalie Chadden
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: _____
 Report due by: _____

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

Lab Use Only
 Lab WO# E461177 Job Number 200460001
 Analysis and Method
 DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0
 BGDOC NM BGDOC TX

TAT
 1D 2D 3D Standard

EPA Program
 CWA SDWA RCRA

State
 NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	1/25/24	S	1	SWComp 6-6'	1							X		
				SWComp 7-4'	2									
				SWComp 8-4'	3									
				SWComp 9-3'	4									
				SWComp 10-11'	5									
				SWComp 11-11'	6									
				SWComp 12-12'	7									
				SWComp 13-14'	8									
				SWComp 14-6'	9									
		S	1	SWComp 15-4'	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.

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	Lab Use Only
<u>[Signature]</u>	1/25/24		<u>[Signature]</u>	1-26-24	1340	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N
<u>[Signature]</u>	1-26-24	1715	<u>[Signature]</u>	1-26-24	1715	T1 _____ T2 _____ T3 _____
<u>[Signature]</u>	1-26-24	2300	<u>[Signature]</u>	1/27/24	830	AVG Temp °C <u>4</u>

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.

Rush



Envirotech Analytical Laboratory

Printed: 1/29/2024 3:29:38PM

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:	01/27/24 08:30	Work Order ID:	E401177
Phone:	(575) 390-6397	Date Logged In:	01/26/24 16:10	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	01/29/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? No
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Sample Turn Around Time (TAT)**

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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**Comments/Resolution**

Time sampled is not documented on the COC by client. Sample IDs on COC did not match sample IDs on jars, client verification was needed by B. Corral. Project Jackson Unit 907H has been separated into 2 WO due to high sample volume. WO are: E401176/E401177.

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

Date



envirotech Inc.

Project Information

Chain of Custody

Page 3 of 4

Push

Client: <u>Top Rock</u> Project: <u>Jackson Unit 907H</u> Project Manager: <u>Natalie Gladden</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Report due by: _____				Bill To Attention: <u>ENERGY STAFFING SERVICES</u> Address: <u>2724 NW COUNTY RD</u> City, State, Zip: <u>HOBBS, NM 88240</u> Phone: <u>575-393-9048</u> Email: <u>NATALIE@ENERGYSTAFFINGLLC.COM</u> <u>BRITTNEY@ENERGYSTAFFINGLLC.COM</u>				Lab Use Only Lab WO# <u>E401177</u> Job Number <u>200400001</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM TX BGDOC				TAT 1D 2D 3D Standard X State NM CO UT AZ TX EPA Program CWA SDWA RCRA				
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	TX	BGDOC	Remarks	
	1/25/24	S	1	SWComp 6-6'	1							X				
				SWComp 7-4'	2											
				SWComp 8-4'	3											
				SWComp 9-3'	4											
				SWComp 10-11'	5											
				SWComp 11-11'	6											
				SWComp 12-12'	7											
				SWComp 13-14'	8											
				SWComp 14-6'	9											
		S	1	SWComp 15-4'	10											
Additional Instructions:																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time									
1/25/24		1/26/24	1715	1/26/24		1715	1/27/24	830								
1/26/24		2300														
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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Page 4 of 4

Rush



Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson Unit #907 H

Work Order: E401217

Job Number: 20046-0001

Received: 1/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/31/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/31/24



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson Unit #907 H
Workorder: E401217
Date Received: 1/30/2024 8:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/30/2024 8:50:00AM, under the Project Name: Jackson Unit #907 H.

The analytical test results summarized in this report with the Project Name: Jackson Unit #907 H 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/31/24 14:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW COM 18-6'	E401217-01A	Soil	01/27/24	01/30/24	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson Unit #907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2024 2:45:03PM

SW COM 18-6'

E401217-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405026	
Benzene	ND	0.0250	1	01/30/24	01/30/24	
Ethylbenzene	ND	0.0250	1	01/30/24	01/30/24	
Toluene	ND	0.0250	1	01/30/24	01/30/24	
o-Xylene	ND	0.0250	1	01/30/24	01/30/24	
p,m-Xylene	ND	0.0500	1	01/30/24	01/30/24	
Total Xylenes	ND	0.0250	1	01/30/24	01/30/24	
Surrogate: 4-Bromochlorobenzene-PID	96.3 %	70-130		01/30/24	01/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/30/24	01/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.2 %	70-130		01/30/24	01/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405027	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/30/24	01/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/30/24	01/30/24	
Surrogate: n-Nonane	88.6 %	50-200		01/30/24	01/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2405031	
Chloride	92.2	20.0	1	01/30/24	01/30/24	



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2024 2:45:03PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2405026-BLK1) Prepared: 01/30/24 Analyzed: 01/30/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

LCS (2405026-BS1) Prepared: 01/30/24 Analyzed: 01/30/24

Benzene	3.62	0.0250	5.00		72.3	70-130			
Ethylbenzene	3.70	0.0250	5.00		74.0	70-130			
Toluene	3.71	0.0250	5.00		74.1	70-130			
o-Xylene	3.71	0.0250	5.00		74.2	70-130			
p,m-Xylene	7.56	0.0500	10.0		75.6	70-130			
Total Xylenes	11.3	0.0250	15.0		75.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

Matrix Spike (2405026-MS1) Source: E401213-04 Prepared: 01/30/24 Analyzed: 01/30/24

Benzene	4.74	0.0250	5.00	ND	94.7	54-133			
Ethylbenzene	4.85	0.0250	5.00	ND	96.9	61-133			
Toluene	4.85	0.0250	5.00	ND	97.1	61-130			
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131			
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

Matrix Spike Dup (2405026-MSD1) Source: E401213-04 Prepared: 01/30/24 Analyzed: 01/30/24

Benzene	4.92	0.0250	5.00	ND	98.4	54-133	3.86	20	
Ethylbenzene	5.05	0.0250	5.00	ND	101	61-133	4.16	20	
Toluene	5.05	0.0250	5.00	ND	101	61-130	3.97	20	
o-Xylene	5.09	0.0250	5.00	ND	102	63-131	4.30	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	4.03	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	4.12	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2024 2:45:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2405026-BLK1) Prepared: 01/30/24 Analyzed: 01/30/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2405026-BS2) Prepared: 01/30/24 Analyzed: 01/30/24

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

Matrix Spike (2405026-MS2) Source: E401213-04 Prepared: 01/30/24 Analyzed: 01/30/24

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2405026-MSD2) Source: E401213-04 Prepared: 01/30/24 Analyzed: 01/30/24

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	5.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2024 2:45:03PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2405027-BLK1)					Prepared: 01/30/24 Analyzed: 01/30/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		92.0	50-200			

LCS (2405027-BS1)					Prepared: 01/30/24 Analyzed: 01/30/24				
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	38-132			
Surrogate: n-Nonane	44.3		50.0		88.5	50-200			

Matrix Spike (2405027-MS1)					Source: E401214-01		Prepared: 01/30/24 Analyzed: 01/30/24		
Diesel Range Organics (C10-C28)	395	50.0	250	135	104	38-132			
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			

Matrix Spike Dup (2405027-MSD1)					Source: E401214-01		Prepared: 01/30/24 Analyzed: 01/30/24		
Diesel Range Organics (C10-C28)	399	50.0	250	135	105	38-132	1.10	20	
Surrogate: n-Nonane	45.4		50.0		90.7	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson Unit #907 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/31/2024 2:45:03PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2405031-BLK1)					Prepared: 01/30/24 Analyzed: 01/30/24				
Chloride	ND	20.0							
LCS (2405031-BS1)					Prepared: 01/30/24 Analyzed: 01/30/24				
Chloride	247	20.0	250		98.6	90-110			
Matrix Spike (2405031-MS1)					Source: E401214-01		Prepared: 01/30/24 Analyzed: 01/30/24		
Chloride	256	40.0	250	ND	102	80-120			
Matrix Spike Dup (2405031-MSD1)					Source: E401214-01		Prepared: 01/30/24 Analyzed: 01/30/24		
Chloride	254	40.0	250	ND	102	80-120	0.548	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 #907 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/31/24 14:45

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Envirotech Analytical Laboratory

Printed: 1/30/2024 8:53:49AM

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:	01/30/24 08:50	Work Order ID:	E401217
Phone:	(575) 390-6397	Date Logged In:	01/30/24 08:50	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	01/30/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled and project manager is not documented on the COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration 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.

JACKSON UNIT #907H REMEDATION PHOTOS





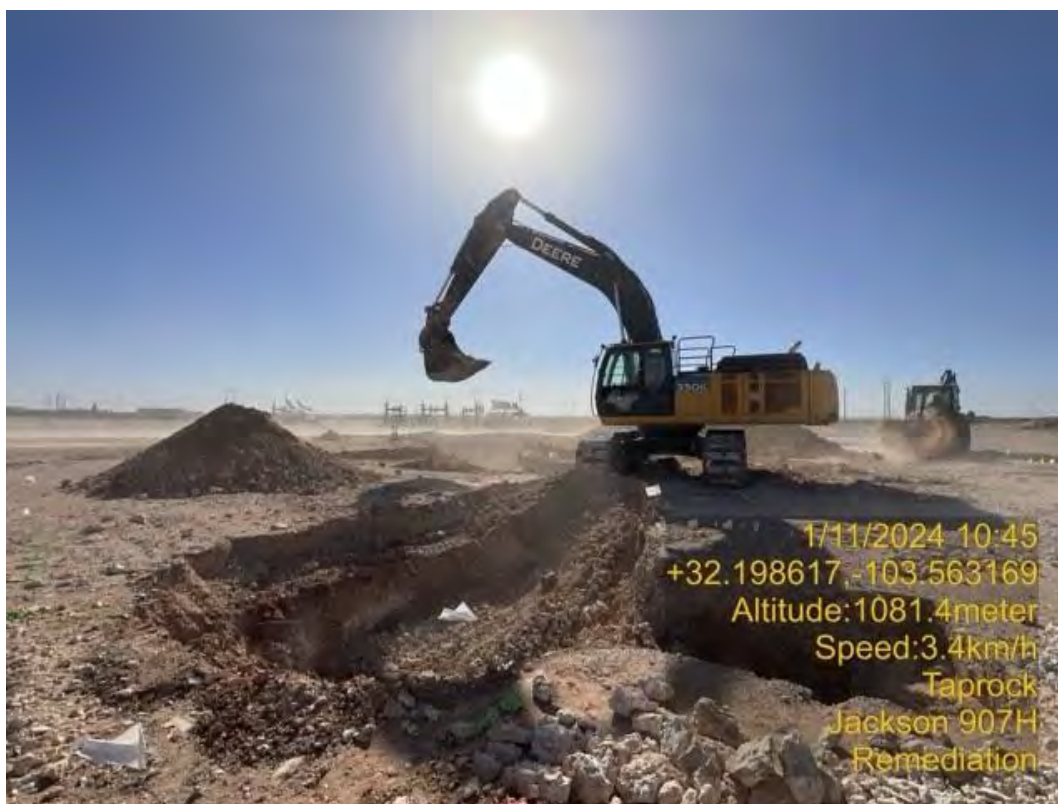




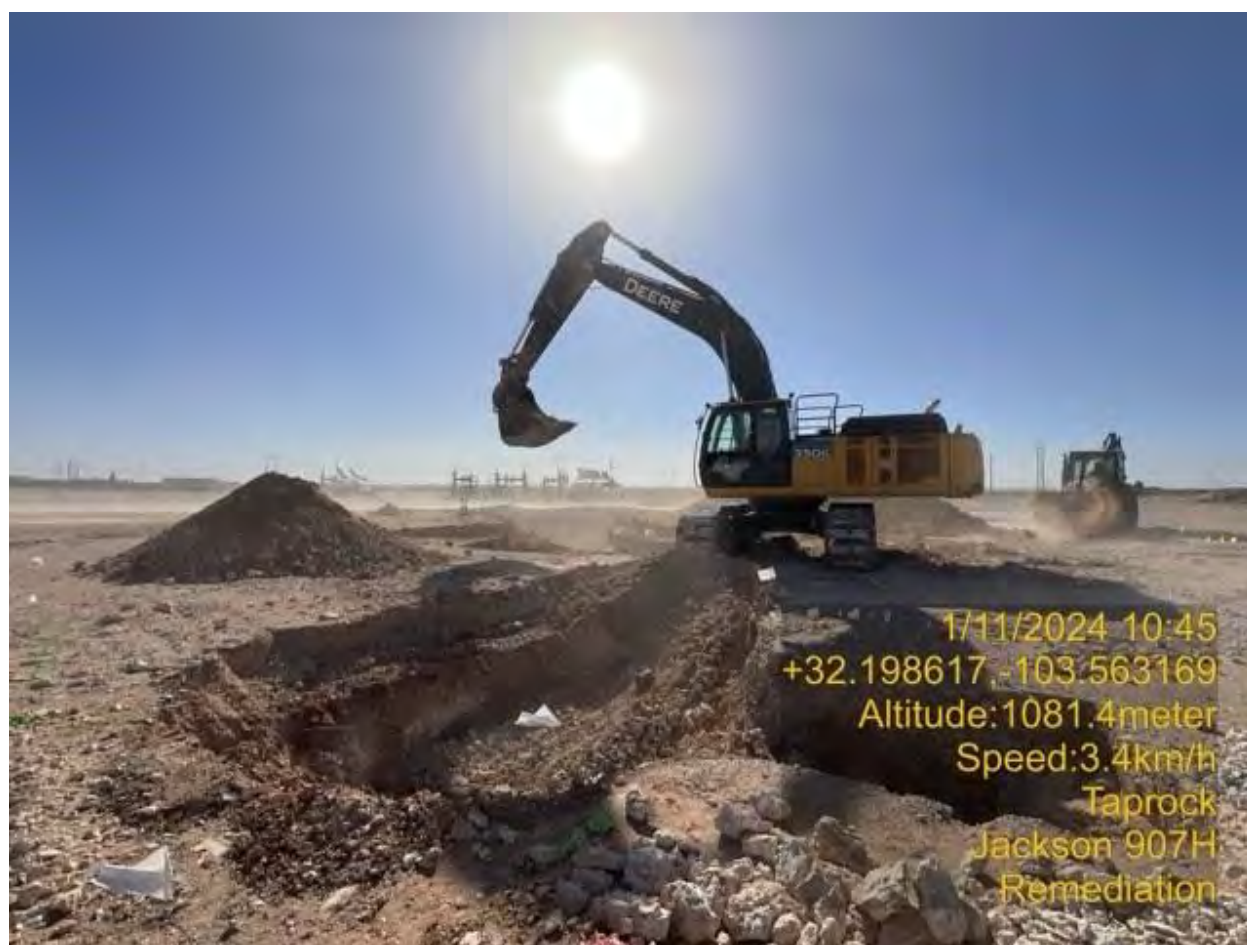






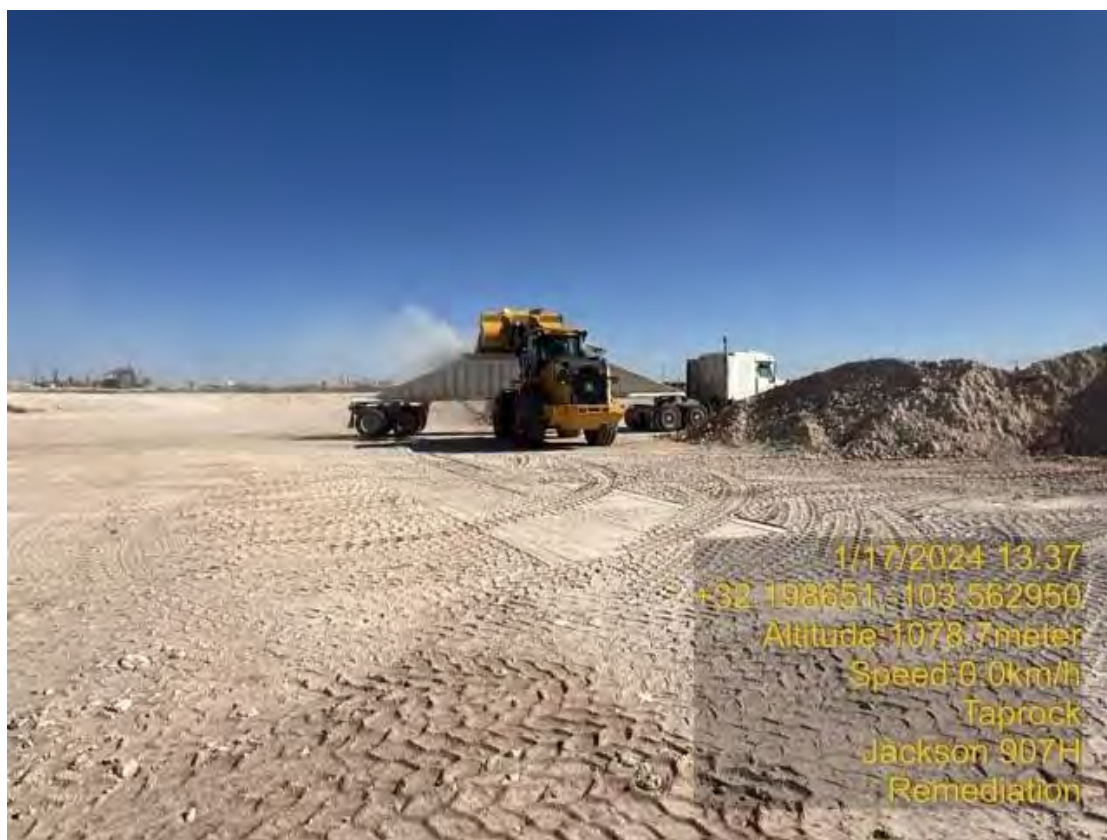




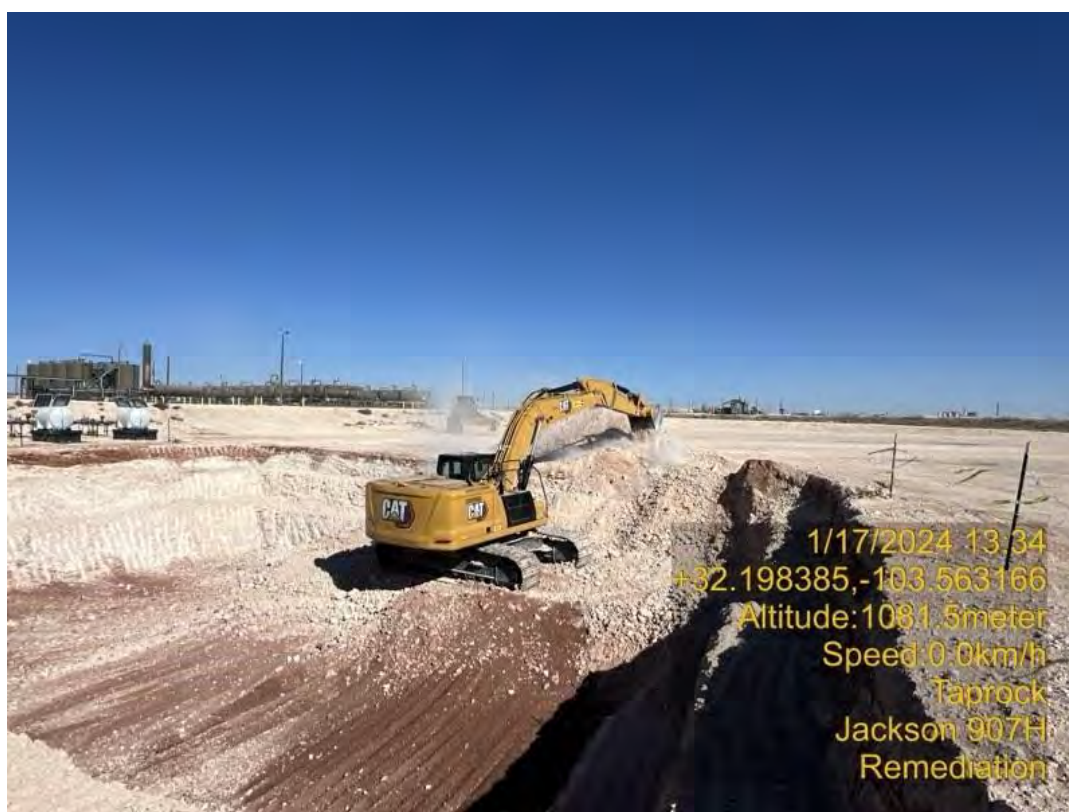




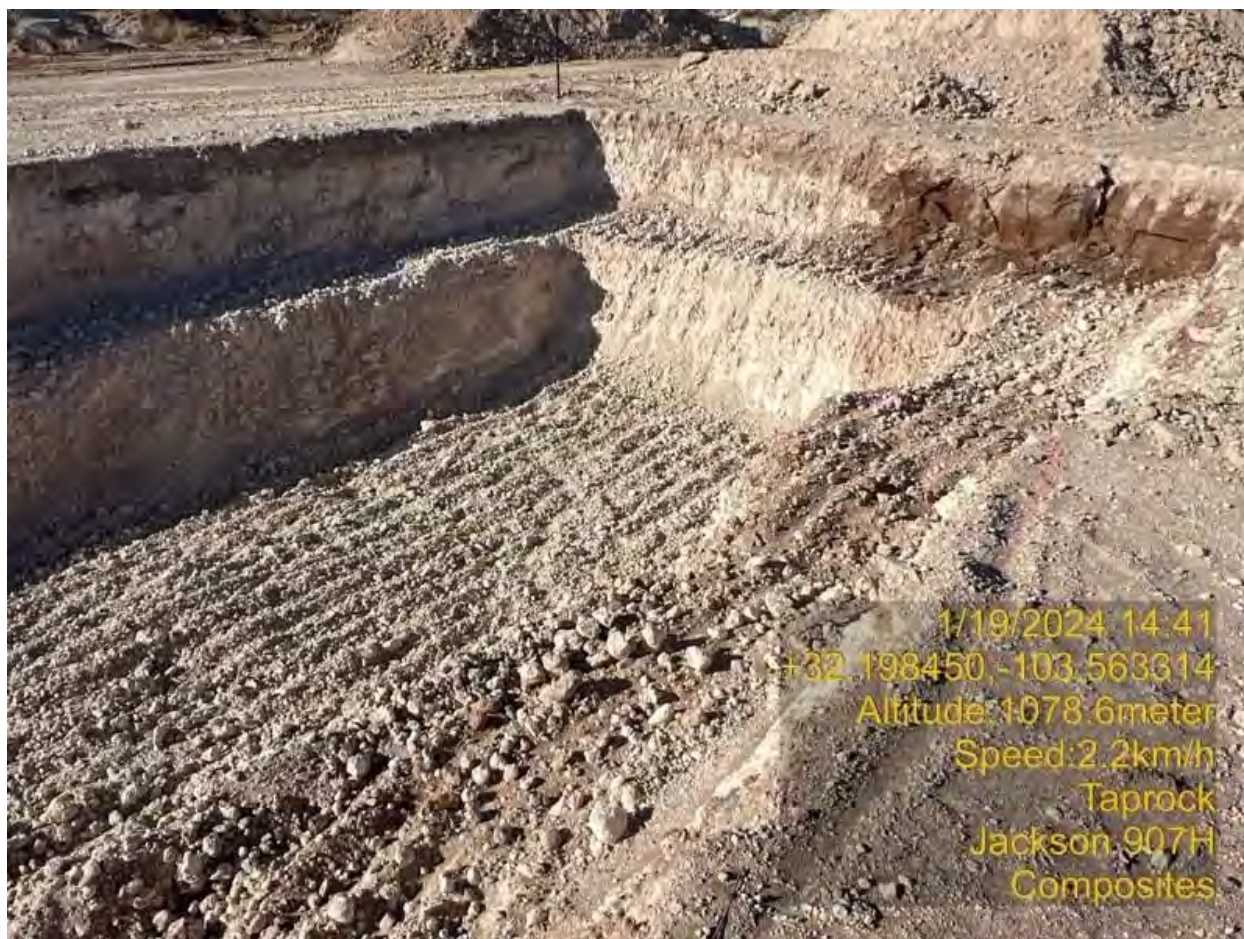






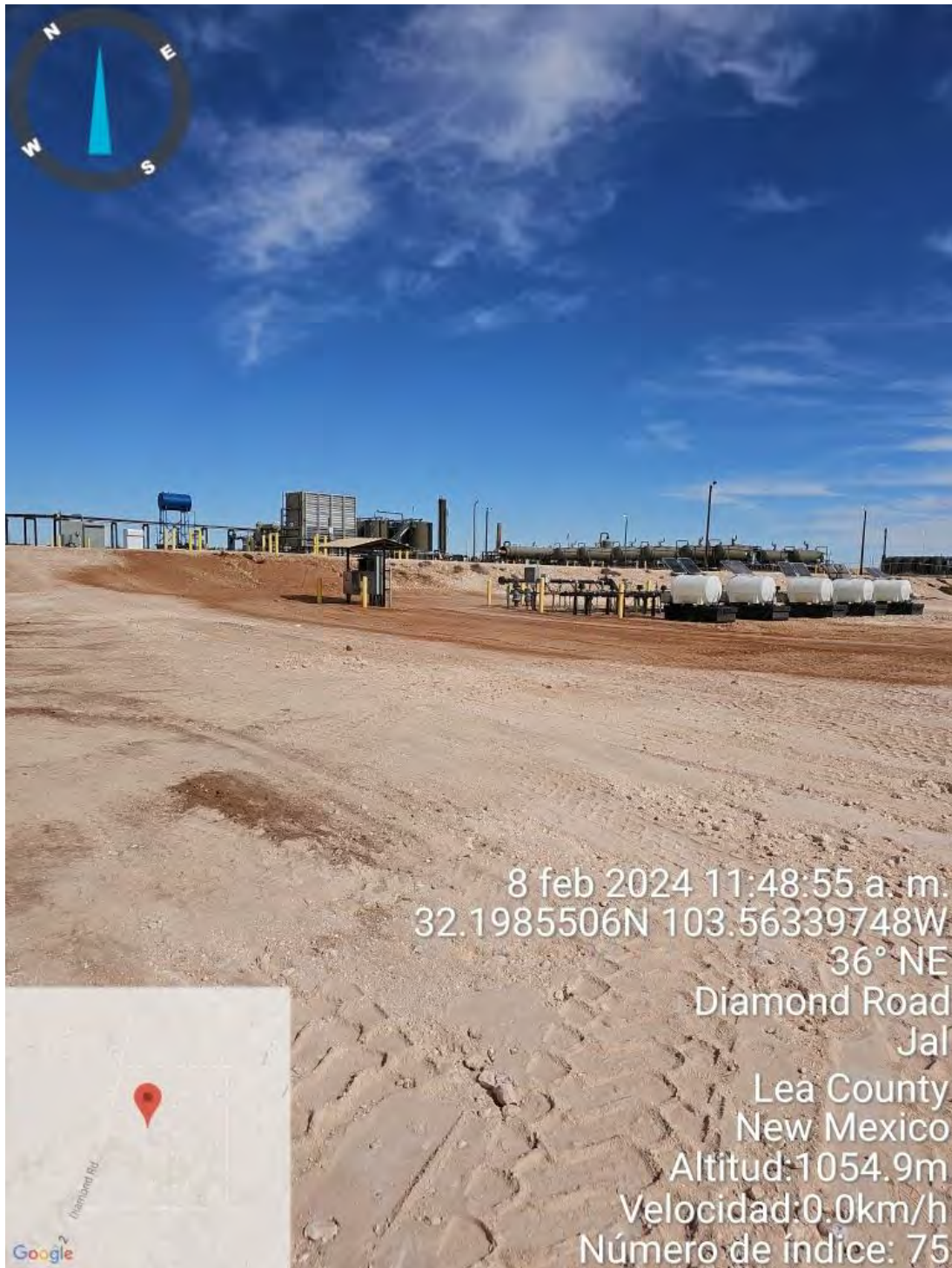


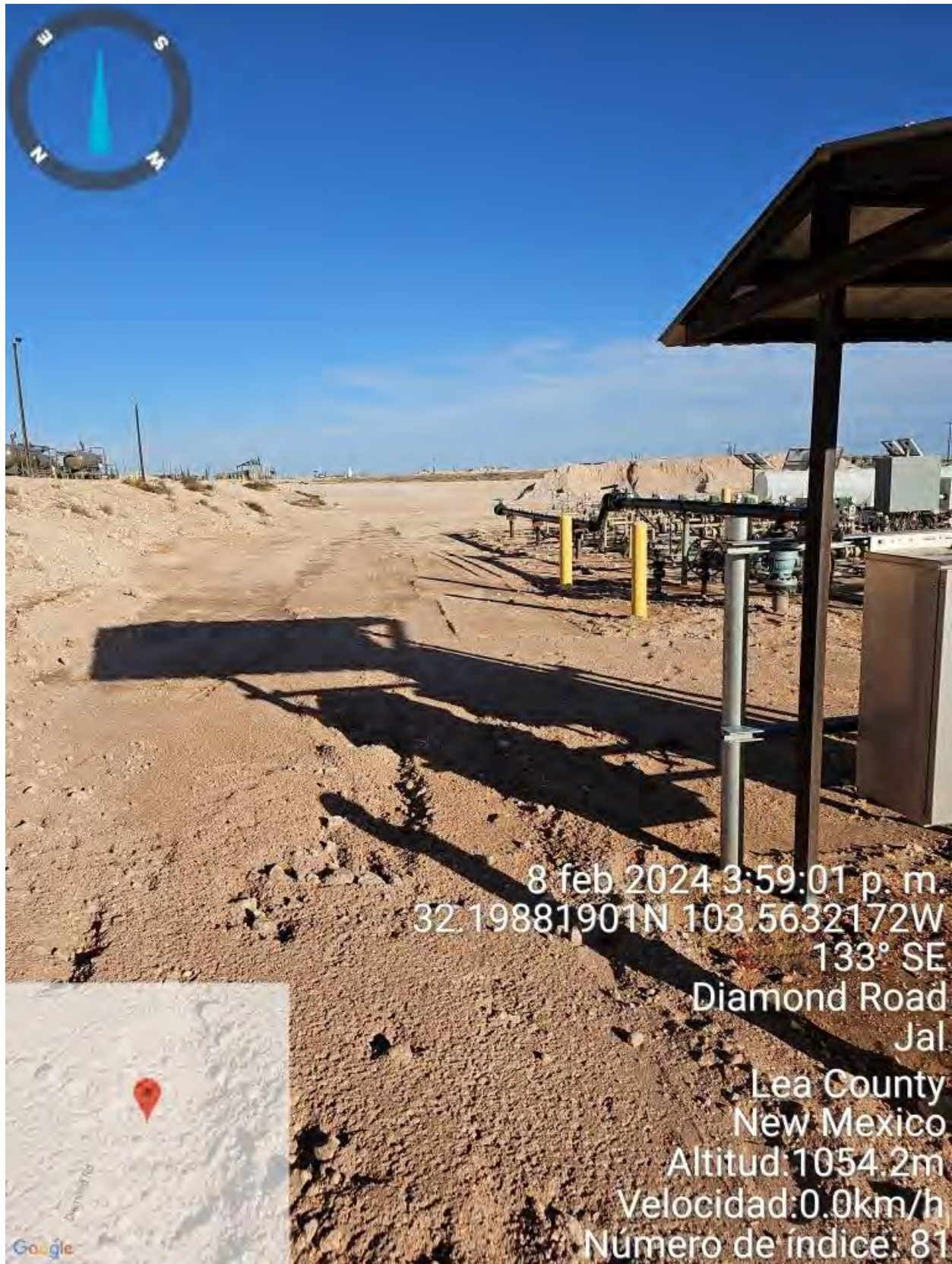




JACKSON UNIT #907H

FINAL PHOTOS





Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 383811

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315045211
Incident Name	NAPP2315045211 JACKSON UNIT 907H @ 30-025-48739
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-48739] JACKSON UNIT #907H

Location of Release Source*Please answer all the questions in this group.*

Site Name	JACKSON UNIT 907H
Date Release Discovered	05/28/2023
Surface Owner	State

Incident Details*Please answer all the questions in this group.*

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

Nature and Volume of Release*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 199 BBL Recovered: 0 BBL Lost: 199 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 383811

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 09/16/2024
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QUESTIONS, Page 3

Action 383811

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	29200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	112900
GRO+DRO (EPA SW-846 Method 8015M)	88774
BTEX (EPA SW-846 Method 8021B or 8260B)	57.4
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/02/2024
On what date will (or did) the final sampling or liner inspection occur	01/25/2024
On what date will (or was) the remediation complete(d)	02/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	14162
What is the estimated volume (in cubic yards) that will be remediated	4435
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 383811

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [JEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 09/16/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 383811

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 383811

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	306906
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/25/2024
What was the (estimated) number of samples that were to be gathered	100
What was the sampling surface area in square feet	14182

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	14162
What was the total volume (cubic yards) remediated	4435
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	ALL OF THE CONTAMINATION (SPILL AREA) WAS ON THE WELL PAD, NOTHING WAS RELEASED INTO THE PASTURE AREA, THEREFORE NO RECLAMATION WAS NEEDED FOR THIS SITE. ALL FLUIDS/CONTAMINATED SOIL WAS REMOVED AND THE PAD WAS FULLY EXCAVATED.

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

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

I hereby agree and sign off to the above statement	Name: Natalie Gladden Title: Environmental Email: natalie@energystaffingllc.com Date: 09/16/2024
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Action 383811

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 383811

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 383811
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	11/19/2024