



**JACKSON UNIT #16H
CLOSURE REQUEST**

**API NO. 30-025-41167
Unit Letter B, Section 15, Township 24S, Range 33E
LEA COUNTY, NEW MEXICO**

**DATE OF RELEASE: 01/22/2023
INCIDENT NO. NAPP2302365358**

**1/15/2024
Prepared by:**



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

January 15th, 2024

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

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

Subject: Closure Request for Tap Rock Operating- Jackson Unit #16H

API No. 30-025-41167
Incident No. NAPP2302365358
Unit Letter B, Section 15, Township 24 South, Range 33 East
Lea County, New Mexico

To Whom it May Concern:

Tap Rock Operating has retained Energy Staffing Services (ESS) to conduct a spill assessment, delineation, and remediation for the Jackson Unit #16H (hereinafter referred to as the "Jackson 16"), for the condensate release that occurred on January 22nd, 2023. ESS provided the immediate notification of the release to the *New Mexico Oil Conservation Division (NMOCD)*, District I Office. The notification was submitted via email on January 22nd, 2023, at 5:26 p.m. (Notification attached) On behalf of Tap Rock, ESS submitted the initial C141 Release Notification, along with the spill calculator form used to determine the volume of the release (attached) on January 23rd, 2023. The NMOCD accepted the initial C141 as record on January 24th, 2023, at 9:44 a.m. and assigned the NMOCD Incident Number of NAPP2302365358 to this release. (Notification of correspondence is attached).

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

Incident Description

On January 22nd, 2023, a dump valve malfunctioned causing fluid to be sent to the flare. This caused condensate to be released from the top of the flare onto the pad and into the pasture area.

Upon discovery of the release, ESS was notified and dispatched out to location to conduct an environmental site assessment of the release. It was determined, after measuring the area of impact, that approximately 67BBLS of condensate had been released onto the pad and into the pasture area of the Jackson 16. ESS was able to recover approximately 30BBLS of condensate with the use of a vacuum truck. Initial site photos and measuring of the impacted area were conducted. Please see initial site photos attached.

Site Characterization

The release at the Jackson 16 occurred on state land and is located at 32.224346 latitude and -103.559677 longitude, 25.4 miles northwest of Jal, New Mexico. The legal description of the site is Unit Letter B, Section 15, Township 24 South, and Range 33 East. This site is located in Lea County, New Mexico. Please see the site schematic attached.

The Jackson 16 consists of production lines and is near production facilities and well pads. The area of the release occurred on the pad and in the pasture area of the Jackson 16. The elevation is 3,615 feet. This site is also made up of Berino-Cacique Loamy Fine Sands Association and Simona Fine Sandy Loam with 0-3 percent slopes. Please find the Rangeland and Vegetation Classification and Soil Map.

The *United States Department of Agriculture Natural Resources Conservation Services* indicates that the soil type in the area of the Jackson 16 consists of Berino-Cacique loamy fine sands and Simona fine sandy loam with 0 to 3 percent slopes. (Soil Map Attached). In the area of the Jackson 16, the *FEMA National Flood Hazard Layer* indicates that there is a 0.2% annual chance of a flood hazard with a 1% chance of flood with an average depth of one foot or drainage areas of less than one square mile. (See map attached).

There is "low potential" for Karst Geology to be present near the Jackson 16 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 16. 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 16 site. (Attached Watercourse Map).

The nearest and most recent water well to the site according to the *New Mexico Office of the State Engineer* is C03565 POD8, drilled in 2013 with no depth to groundwater located, this well is 647' from the site. The second known water well is C04741 POD1, drilled in 2023, located

900' from the site, shows the well to be drilled to 55'bgs with no ground water data available. The third well is C03565 POD 9, located 1400' from site, drilled in 2013 and has no groundwater data available. The fourth well is C04339 POD7, drilled in 2019, 2326' from site, with a well depth of 43' but does not have any groundwater data available. An extended groundwater search was conducted using the *OSE Pod Location Mapping System* and it has been determined that three wells are within the ½ mile radius of the Jackson 16H. Furthermore, the information that is available, wells C03565 POD6, C03565 POD4 and C03565 POD1 do not have any water depth, well depth or groundwater information available. Please find the NMOSE, OSE POD and groundwater maps attached to this report.

Closure Criteria Determination

The closure criteria for Soils Impacted by a Release are shown in the chart below. No groundwater data was found 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.

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

Soil Sampling Procedures

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

- Collect clean samples in airtight glass jars supplied by laboratory to conduct the analysis.
- Each sample jar was labelled with site and sample information.

- Samples were kept in and stored in a cool place and packed on ice.
- Promptly ship sample to the lab for analysis following the chain of custody procedures

The following lab analysis method was used for reaching 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 January 23rd, 2023, ESS arrived on site of the Jackson 16, set delineation sample points, GPS'd each sample point, and began to obtain surface samples. Each surface sample was field tested, logged, then submitted to Envirotech Laboratory for confirmation.

On April 19th, 2023, at 7:43 a.m., an extension was requested to the NMOCD on behalf of Tap Rock and ESS for the delineation and remediation phases on the Jackson 16. (Please see email attached).

On April 20th, 2023, at 9:02 a.m., the NMOCD approved the extension for 60-days until June 30th. (Please see email correspondence attached).

A total of 50 vertical sample points were placed along with 16 horizontal sample points. Each sample point was then sampled by use of hand auger and backhoe in 1' and 2' intervals. Bottom hole samples were then submitted to the lab for confirmation. Please see the delineation sample data below, with the lab data indicated in yellow. Attached to this report you will find the sample data, delineation sample map, and the lab analysis.

SP ID	Depth	Tit	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	3120	H	114	857	77800	27900	105700	3760
	2	480							
	4	240							
	6	320							
	8	320							
	10	400							
	12	320							

	14	320	L	ND	ND	ND	ND	ND	264
SP2	SURF	2800	H	ND	ND	7490	3090	10580	3440
	2	480							
	4	480							
	6	1360							
	8	2560							
	10	1440							
	12	560							
	14	400							
	16	400							
	18	240	L	ND	ND	ND	ND	ND	49
SP3	SURF	>4000	H	ND	ND	670	336	1006	5530
	2	480							
	4	480							
	6	800							
	8	640							
	10	640							
	12	400							
	14	240	L	ND	ND	ND	ND	ND	46.9
SP4	SURF	>4000	H	ND	ND	109	99.4	208.4	20400
	2	>4000							
	4	3840							
	6	2370							
	8	320							
	10	160	L	ND	ND	ND	ND	ND	228
SP5	SURF	160	H	ND	ND	166	108	274	169
	2	80							
	4	80	L	ND	ND	ND	ND	ND	52.7
SP6	SURF	480	H	ND	ND	161	118	279	754
	2	400							
	4	160	L	ND	ND	ND	ND	ND	183
SP7	SURF	800	H	ND	ND	338	209	547	840
	2	160							
	4	80	L	ND	ND	ND	ND	ND	51

SP8	SURF	240	H	0.107	ND	2040	928	2968	289
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND

SP9	SURF	480	H	0.537	ND	6630	2330	8960	675
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND

SP10	SURF	>4000	H	140	1330	55100	18300	73400	4790
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND

SP11	SURF	80	H	2.7	62.3	6360	2260	8620	135
	1	400							
	2	240	L	ND	ND	ND	ND	ND	ND

SP12	SURF	560	H	ND	ND	783	439	1222	881
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND

SP13	SURF	80	L	0.726	45.9	47.2	ND	47.2	66.6
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND

SP14	SURF	80	H	0.221	ND	93.5	66.8	160.3	75.9
	2	160							
	4	160	L	ND	ND	ND	ND	ND	ND

SP15	SURF	320	H	ND	ND	226	116	342	412
	2	80							
	4	80	L	ND	ND	ND	ND	ND	30.4

SP16	SURF	160	H	ND	ND	81.1	74.7	155.8	328
	2	400							
	4	320	L	ND	ND	ND	ND	ND	218

SP17	SURF	80	H	ND	ND	89	69.3	158.3	52.3
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND

SP18	SURF	160	H	ND	ND	297	171	468	172
------	------	-----	---	----	----	-----	-----	-----	-----

	2	80							
	4	80	L	ND	ND	ND	ND	ND	25.4
SP19	SURF	80	H	ND	ND	707	395	1102	65.3
	2	160							
	4	80	L	ND	ND	ND	ND	ND	26.9
SP20	SURF	80	H	ND	ND	254	201	455	82.7
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP21	SURF	320	H	ND	ND	62.2	52.1	114.3	147
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP22	SURF	80	H	ND	ND	237	334	571	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	22
SP23	SURF	1440	H	ND	ND	64.5	ND	64.5	2310
	1	1120							
	2	1040							
	3	1280							
	4	720							
	5	480							
	6	80	L	ND	ND	ND	ND	ND	34.3
SP24	SURF	80	H	ND	ND	103	66.7	169.7	ND
	1	80							
	2	80							
	4		L	ND	ND	ND	ND	ND	30.8
SP25	SURF	1680	H	ND	ND	191	97.8	288.8	2090
	1	1080							
	2	640							
	3	400							
	4	80	L	ND	ND	ND	ND	ND	74
SP26	SURF	160	L	ND	ND	29.2	ND	29.2	ND
	2	80							

	4	80	L	ND	ND	ND	ND	ND	ND
SP27	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	34.4
SP28	SURF	80	L	ND	ND	ND	ND	ND	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP29	SURF	160	L	ND	ND	33.5	ND	33.5	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP30	SURF	80	L	ND	ND	ND	ND	ND	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP31	SURF	160	L	ND	ND	59.4	ND	59.4	ND
	1	80							
	2	80	L	ND	ND	31.2	ND	31.2	ND
SP32	SURF	160	H	ND	ND	123	53.8	176.8	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SP33	SURF	320	H	0.899	ND	10900	5180	16080	90.6
	1	320							
	2	240							
	3	160							
	4	80	L	ND	ND	ND	ND	ND	ND
SP34	SURF	160	H	ND	ND	362	194	556	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SP35	SURF	800	H	198	2160	40600	10400	51000	810
	1	400							
	2	320							
	3	320							
	4	240							

	5	160	L	ND	ND	ND	ND	ND	ND
SP36	SURF	560	H	112	900	19400	5180	24580	243
	1	640							
	2	480							
	3	400							
	4	240							
	5	160	L	ND	ND	ND	ND	ND	ND
SP37	SURF	400	H	142	1320	25300	6550	31850	413
	1	320							
	2	400							
	3	320							
	4	240							
	5	160	L	ND	ND	ND	ND	ND	ND
SP38	SURF	160	L	ND	ND	90.8	ND	90.8	ND
	2	320							
	4	240							
	6	80	L	ND	ND	ND	ND	ND	ND
SP39	SURF	160	H	33.7	415	15000	4250	19250	73.5
	2	160							
	4	80							
	6	80	L	ND	ND	ND	ND	ND	25.1
SP40	SURF	160	H	ND	ND	1160	452	1612	50.4
	2	>4000							
	4	>4000							
	6	240							
	8	160	L	ND	ND	ND	ND	ND	ND
SP41	SURF	160	H	0.0342	ND	775	329	1104	41
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
SP42	SURF	160	H	ND	ND	116	ND	116	ND
	2	400							
	4	80	L	ND	ND	ND	ND	ND	ND
SP43	SURF	160	L	ND	ND	34.6	ND	34.6	ND

	2	160							
	4	160	L	ND	ND	ND	ND	ND	ND
SP44	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
SP45	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	160							
	4	160	L	ND	ND	ND	ND	ND	46.8
SP46	SURF	160	H	ND	ND	151	83.3	234.3	ND
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
SP47	SURF	160	H	ND	ND	98.9	52.2	151.1	ND
	2	>4000							
	4	320							
	6	80	L	ND	ND	ND	ND	ND	ND
SP48	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
SP49	SURF	160	L	ND	ND	80.6	ND	80.6	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SP50	SURF	160	L	ND	ND	28.1	ND	28.1	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
SW1	SURF	80	H	ND	ND	74.5	50.1	124.6	26.5
	1	80							
	2	80	H	ND	ND	40.8	54.5	95.3	37.6
	3	80							
	4	80	L	ND	ND	ND	ND	ND	36.9
SW2	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND

SW3	SURF	480	L	ND	ND	56.5	ND	56.5	444
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW4	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW5	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW6	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW7	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW8	SURF	160	H	ND	ND	74.7	52.5	127.2	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW9	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW10	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW11	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW12	SURF	160	L	ND	ND	ND	ND	ND	200
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND

SW13	SURF	80	L	ND	ND	33.2	51.2	84.4	ND
	1	240							
	2	160	L	ND	ND	ND	ND	ND	36
SW14	SURF	80	H	ND	ND	58.3	53.7	112	41.5
	1	320							
	2	160	L	ND	ND	ND	ND	ND	36.6
SW15	SURF	640	H	ND	ND	165	137	302	805
	1	80							
	2	80	L	ND	ND	ND	ND	ND	64.2
SW16	SURF	80	H	ND	ND	47.4	72.9	120.3	31.7
	1	80							
	2	80	L	ND	ND	ND	ND	ND	63.5

Please see the delineation photos attached herein.

On October 19th, 2023, at 3:23 p.m., ESS submitted the composite notification request to the NMOCD to begin obtaining composites and requested the variance be changed from 250 sq. ft. to 500 sq. ft.

On October 20th, 2023, at 8:18 a.m., the request to begin composite sampling and variance increase was approved by the NMOCD.

On October 25th, 2023, ESS crews began to obtain 500 sq. ft. composites from the excavation area. A total of 177 bottoms 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	2	240	L	ND	ND	ND	ND	ND	150
COMP2	4	160	L	ND	ND	ND	ND	ND	91
COMP3	4	160	L	ND	ND	ND	ND	ND	205
COMP4	4	80	L	ND	ND	ND	ND	ND	35.8
COMP5	4	160	L	ND	ND	ND	ND	ND	77.6

COMP6	6	240	L	ND	ND	ND	ND	ND	145
COMP7	6	160	L	ND	ND	ND	ND	ND	220
COMP8	6	80	L	ND	ND	ND	ND	ND	34.7
COMP9	6	160	L	ND	ND	ND	ND	ND	82.7
COMP10	6	80	L	ND	ND	ND	ND	ND	34.5
COMP11	6	240	L	ND	ND	ND	ND	ND	157
COMP12	6	240	L	ND	ND	ND	ND	ND	159
COMP13	6	160	L	ND	ND	ND	ND	ND	218
COMP14	6	160	L	ND	ND	ND	ND	ND	82.1
COMP15	6	80	L	ND	ND	ND	ND	ND	41.5
COMP16	6	240	L	ND	ND	ND	ND	ND	163
COMP17	6	160	L	ND	ND	ND	ND	ND	166
COMP18	6	80	L	ND	ND	ND	ND	ND	69.4
COMP19	6	240	L	ND	ND	ND	ND	ND	159
COMP20	6	80	L	ND	ND	ND	ND	ND	81.3
COMP21	6	160	L	ND	ND	ND	ND	ND	181
COMP22	6	240	L	ND	ND	ND	ND	ND	163
COMP23	6	160	L	ND	ND	ND	ND	ND	180
COMP24	6	80	L	ND	ND	ND	ND	ND	93
COMP25	6	240	L	ND	ND	ND	ND	ND	90
COMP26	6	80	L	ND	ND	ND	ND	ND	48.9

COMP27	6	240	L	ND	ND	ND	ND	ND	76.9
COMP28	6	80	L	ND	ND	ND	ND	ND	48.7
COMP29	6	160	L	ND	ND	ND	ND	ND	119
COMP30	6	160	L	ND	ND	ND	ND	ND	44.4
COMP31	6	160	L	ND	ND	ND	ND	ND	121
COMP32	6	80	L	ND	ND	ND	ND	ND	46.9
COMP33	2	80	L	ND	ND	ND	ND	ND	ND
COMP34	2	80	L	ND	ND	ND	ND	ND	43.3
COMP35	2	160	L	ND	ND	ND	ND	ND	122
COMP36	2	160	L	ND	ND	ND	ND	ND	42.5
COMP37	6	160	L	ND	ND	ND	ND	ND	43.7
COMP38	2	160	L	ND	ND	ND	ND	ND	127
COMP39	2	80	L	ND	ND	ND	ND	ND	50.3
COMP40	6	80	L	ND	ND	ND	ND	ND	ND
COMP41	6	240	L	ND	ND	ND	ND	ND	81
COMP42	6	80	L	ND	ND	ND	ND	ND	ND
COMP43	6	160	L	ND	ND	ND	ND	ND	127
COMP44	6	160	L	ND	ND	ND	ND	ND	46.6
COMP45	6	80	L	ND	ND	ND	ND	ND	ND
COMP46	6	240	L	ND	ND	ND	ND	ND	67

COMP47	2	160	L	ND	ND	ND	ND	ND	124
COMP48	8	160	L	ND	ND	ND	ND	ND	48
COMP49	8	80	L	ND	ND	ND	ND	ND	ND
COMP50	10	240	L	ND	ND	ND	ND	ND	44.6
COMP51	10	160	L	ND	ND	ND	ND	ND	120
COMP52	10	80	L	ND	ND	ND	ND	ND	51.8
COMP53	4	80	L	ND	ND	ND	ND	ND	ND
COMP54	4	240	L	ND	ND	ND	ND	ND	ND
COMP55	4	160	L	ND	ND	ND	ND	ND	ND
COMP56	4	240	L	ND	ND	ND	ND	ND	ND
COMP57	4	160	L	ND	ND	ND	ND	ND	ND
COMP58	4	240	L	ND	ND	ND	ND	ND	ND
COMP59	4	80	L	ND	ND	ND	ND	ND	ND
COMP60	4	160	L	ND	ND	ND	ND	ND	ND
COMP61	4	80	L	ND	ND	ND	ND	ND	ND
COMP62	4	240	L	ND	ND	ND	ND	ND	ND
COMP63	4	80	L	ND	ND	ND	ND	ND	ND
COMP64	4	160	L	ND	ND	ND	ND	ND	ND
COMP65	4	240	L	ND	ND	ND	ND	ND	ND
COMP66	4	160	L	ND	ND	ND	ND	ND	ND
COMP67	4	80	L	ND	ND	ND	ND	ND	ND

COMP68	4	240	L	ND	ND	ND	ND	ND	ND
COMP69	4	80	L	ND	ND	ND	ND	ND	ND
COMP70	4	160	L	ND	ND	ND	ND	ND	ND
COMP71	4	240	L	ND	ND	ND	ND	ND	ND
COMP72	4	80	L	ND	ND	ND	ND	ND	ND
COMP73	4	80	L	ND	ND	ND	ND	ND	ND
COMP74	4	80	L	ND	ND	ND	ND	ND	ND
COMP75	4	160	L	ND	ND	ND	ND	ND	ND
COMP76	4	80	L	ND	ND	ND	ND	ND	ND
COMP77	4	160	L	ND	ND	ND	ND	ND	ND
COMP78	4	80	L	ND	ND	ND	ND	ND	ND
COMP79	4	80	L	ND	ND	ND	ND	ND	ND
COMP80	4	80	L	ND	ND	ND	ND	ND	ND
COMP81	4	80	L	ND	ND	ND	ND	ND	ND
COMP82	4	80	L	ND	ND	ND	ND	ND	ND
COMP83	4	160	L	ND	ND	ND	ND	ND	ND
COMP84	4	80	L	ND	ND	ND	ND	ND	ND
COMP85	4	80	L	ND	ND	ND	ND	ND	ND
COMP86	4	160	L	ND	ND	ND	ND	ND	ND
COMP87	4	80	L	ND	ND	ND	ND	ND	ND

COMP88	4	80	L	ND	ND	ND	ND	ND	ND
COMP89	4	80	L	ND	ND	ND	ND	ND	ND
COMP90	4	80	L	ND	ND	ND	ND	ND	ND
COMP91	4	160	L	ND	ND	ND	ND	ND	ND
COMP92	4	80	L	ND	ND	ND	ND	ND	ND
COMP93	4	80	L	ND	ND	ND	ND	ND	ND
COMP94	4	80	L	ND	ND	ND	ND	ND	ND
COMP95	4	80	L	ND	ND	ND	ND	ND	ND
COMP96	4	80	L	ND	ND	ND	ND	ND	ND
COMP97	4	160	L	ND	ND	ND	ND	ND	ND
COMP98	4	80	L	ND	ND	ND	ND	ND	ND
COMP99	4	80	L	ND	ND	ND	ND	ND	ND
COMP100	4	80	L	ND	ND	ND	ND	ND	ND
COMP101	4	80	L	ND	ND	ND	ND	ND	ND
COMP102	4	80	L	ND	ND	ND	ND	ND	ND
COMP103	4	80	L	ND	ND	ND	ND	ND	25.6
COMP104	4	80	L	ND	ND	ND	ND	ND	20.4
COMP105	4	80	L	ND	ND	ND	ND	ND	22
COMP106	4	80	L	ND	ND	ND	ND	ND	24.6
COMP107	4	80	L	ND	ND	ND	ND	ND	24.9
COMP108	4	80	L	ND	ND	ND	ND	ND	21

COMP109	4	80	L	ND	ND	ND	ND	ND	22.1
COMP110	4	80	L	ND	ND	ND	ND	ND	ND
COMP111	4	80	L	ND	ND	ND	ND	ND	21.8
COMP112	4	80	L	ND	ND	ND	ND	ND	20.1
COMP113	4	80	L	ND	ND	ND	ND	ND	ND
COMP114	4	80	L	ND	ND	ND	ND	ND	ND
COMP115	4	80	L	ND	ND	ND	ND	ND	ND
COMP116	4	80	L	ND	ND	ND	ND	ND	ND
COMP117	4	80	L	ND	ND	ND	ND	ND	ND
COMP118	4	80	L	ND	ND	ND	ND	ND	ND
COMP119	4	80	L	ND	ND	ND	ND	ND	ND
COMP120	4	80	L	ND	ND	ND	ND	ND	ND
COMP121	4	80	L	ND	ND	ND	ND	ND	ND
COMP122	4	80	L	ND	ND	ND	ND	ND	21.6
COMP123	4	80	L	ND	ND	ND	ND	ND	20.7
COMP124	4	80	L	ND	ND	ND	ND	ND	20.1
COMP125	4	80	L	ND	ND	ND	ND	ND	22.3
COMP126	4	80	L	ND	ND	ND	ND	ND	ND
COMP127	4	80	L	ND	ND	ND	ND	ND	27.8
COMP128	4	80	L	ND	ND	ND	ND	ND	34.1

COMP129	4	80	L	ND	ND	ND	ND	ND	30.6
COMP130	4	80	L	ND	ND	ND	ND	ND	33
COMP131	4	80	L	ND	ND	ND	ND	ND	30.1
COMP132	4	80	L	ND	ND	ND	ND	ND	27.9
COMP133	4	80	L	ND	ND	ND	ND	ND	30.4
COMP134	4	80	L	ND	ND	ND	ND	ND	39.4
COMP135	4	80	L	ND	ND	ND	ND	ND	34.1
COMP136	4	80	L	ND	ND	ND	ND	ND	30.4
COMP137	4	80	L	ND	ND	ND	ND	ND	29.6
COMP138	4	80	L	ND	ND	ND	ND	ND	28.6
COMP139	4	80	L	ND	ND	ND	ND	ND	31.8
COMP140	4	80	L	ND	ND	ND	ND	ND	32.7
COMP141	4	80	L	ND	ND	ND	ND	ND	25.7
COMP142	4	80	L	ND	ND	ND	ND	ND	24.3
COMP143	4	80	L	ND	ND	ND	ND	ND	28.9
COMP144	4	80	L	ND	ND	ND	ND	ND	28.4
COMP145	4	80	L	ND	ND	ND	ND	ND	29.9
COMP146	4	80	L	ND	ND	ND	ND	ND	28.9
SWCOMP1	4	160	L	ND	ND	ND	ND	ND	193
SWCOMP2	4	160	L	ND	ND	ND	ND	ND	189
SWCOMP3	4	160	L	ND	ND	ND	ND	ND	194

SWCOMP4	4	160	L	ND	ND	ND	ND	ND	190
SWCOMP5	4	160	L	ND	ND	ND	ND	ND	188
SWCOMP6	4	160	L	ND	ND	ND	ND	ND	180
SWCOMP7	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP8	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP9	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP10	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP11	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP12	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP13	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP14	4	160	L	ND	ND	ND	ND	ND	144
SWCOMP15	4	160	L	ND	ND	ND	ND	ND	144
SWCOMP16	4	160	L	ND	ND	ND	ND	ND	146
SWCOMP17	4	160	L	ND	ND	ND	ND	ND	146
SWCOMP18	4	160	L	ND	ND	ND	ND	ND	144
SWCOMP19	4	160	L	ND	ND	ND	ND	ND	142
SWCOMP20	4	160	L	ND	ND	ND	ND	ND	140
SWCOMP21	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP22	4	160	L	ND	ND	ND	ND	ND	ND
SWCOMP23	4	80	L	ND	ND	ND	ND	ND	ND

SWCOMP24	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP25	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP26	4	160	L	ND	ND	ND	ND	ND	ND
SWCOMP27	4	160	L	ND	ND	ND	ND	ND	ND
SWCOMP28	4	80	L	ND	ND	ND	ND	ND	ND
SWCOMP29	4	160	L	ND	ND	ND	ND	ND	ND
SWCOMP30	4	160	L	ND	ND	ND	ND	ND	ND
SWCOMP31	4	80	L	ND	ND	ND	ND	ND	ND

The impacted area of the Jackson 16 measured 76,952 sq. ft. During the remediation phase, 11,092CY of contaminated soil was excavated and hauled to the Owl Disposal. A total of 9,596CY of caliche and 1,524CY of topsoil was pushed up and hauled from the NGL and Yada pit for backfill. The backfill material was staged on the production pad of the Jackson 16 and then transferred to the impacted areas of the pad and pasture. The site was contoured and sloped back to its natural grade. Backfill was completed on December 1st, 2023.

Please find the remediation and final photos attached herein.

Closure Request

On behalf of Tap Rock, Energy Staffing Services requests that the incident (NAPP2302365358) be closed for the release that occurred on the pad and in the pasture area of the Jackson Unit #16H. Tap Rock and ESS certify that all information provided and that is detailed in this report is true and correct. We have complied with all applicable closure requirements for the release that occurred on the Jackson 16 site.

After review of the 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 Data (including inserts for Surface and Final Lab Analysis)
Delineation Sample Map
GPS Log for Delineation
Delineation Site Photos
Composite Notification
Composite Sample Data
Composite Sample Map
GPS Log for Composite Phase
Lab analysis for Delineation and Remediation
Excavation Site Photos
Remediation and Final Photos
Final C141

Natalie Gladden

From: Natalie Gladden
Sent: Sunday, January 22, 2023 5:26 PM
To: ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Cc: 'Bill Ramsey'; Christian Combs; Dakoatah Montanez
Subject: Taprock - Jackson Unit #16H

Importance: High

All,

A spill at the above-mentioned location was found today. The cause of the release was due to a dump valve malfunction causing fluid to go to the flare and release from the top of the flare. No fire occurred. Based on the size of the impacted area and depth of saturation it was determined that a total of 67bbls of condensate was released and 30bbls was recovered by vacuum truck. The initial C141 will be filed tomorrow.

Tap Rock Operating, LLC
Location: Jackson Unit 16H
Date of Release: 01/22/23
Volume Released: 67bbls
Volume Recovered: 30bbls
API NO. 30-025-41167
Legal: B-15-24S-33E
Lea County, New Mexico

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

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



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude **32.224346**Longitude **-103.559677***(NAD 83 in decimal degrees to 5 decimal places)*

Site Name JACKSON UNIT #16H	Site Type PRODUCTION
Date Release Discovered 1/22/23	API# <i>(if applicable)</i> 30-025-41167

Unit Letter	Section	Township	Range	County
B	15	24S	33E	LEA COUNTY

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

Nature and Volume of Release

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

<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 67BBLS	Volume Recovered (bbls) 30BBLS
<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)

Cause of Release

DUMP VALVE MALFUNCTIONED, CAUSING FLUID TO GO TO THE FLARE AND RELEASE FROM TOP OF THE FLARE. NO FIRE OCCURRED.

Form C-141

State of New Mexico

Page 2

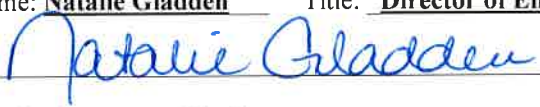
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? VOLUME OF RELEASE
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? EMAIL WAS SENT TO THE OCD, BRATCHER, HAMLET, NOBUI, HARIMON AT 5:26PM, BY NATALIE GLADDEN (ESS) BY EMAIL	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> 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: <u>Natalie Gladden</u>	Title: <u>Director of Environmental and Regulatory</u>
Signature: <u></u>	Date: <u>1-23-23</u>
email: <u>natalie@energystaffingllc.com</u>	Telephone: <u>575-390-6397</u>
<u>OCD Only</u>	
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	310.57	302.55	0.02	1879.2591	67.00	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

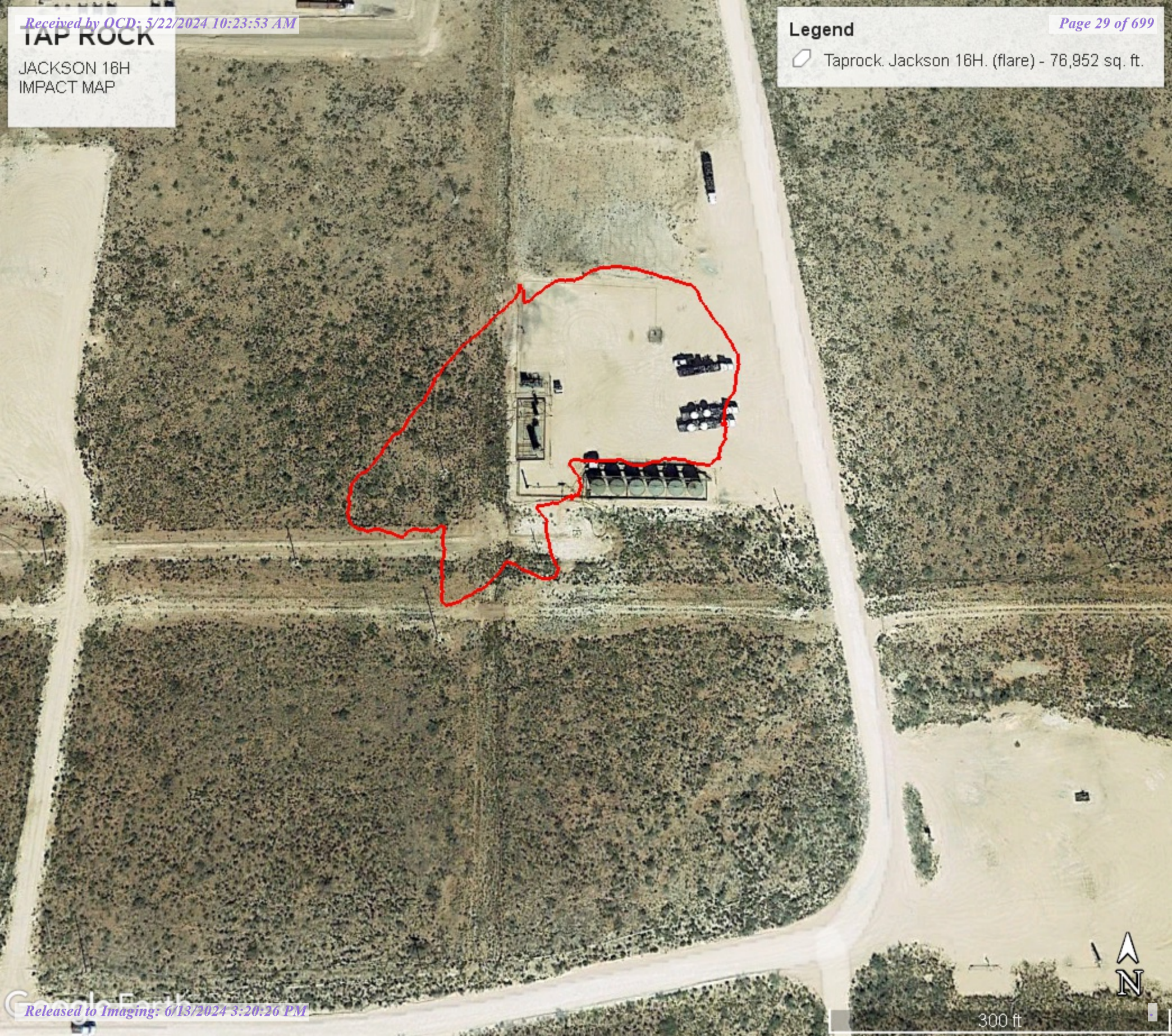
Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

TAP ROCK

JACKSON 16H
IMPACT MAP

Legend

 Taprock. Jackson 16H. (flare) - 76,952 sq. ft.



TAPROCK
JACKSON UNIT 16H
INITIAL PHOTOS



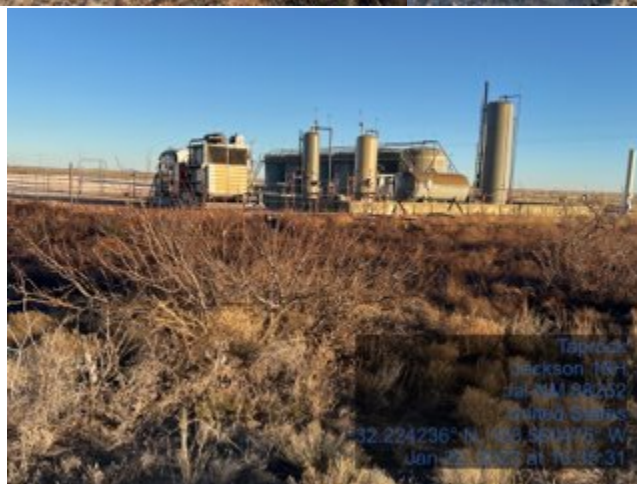































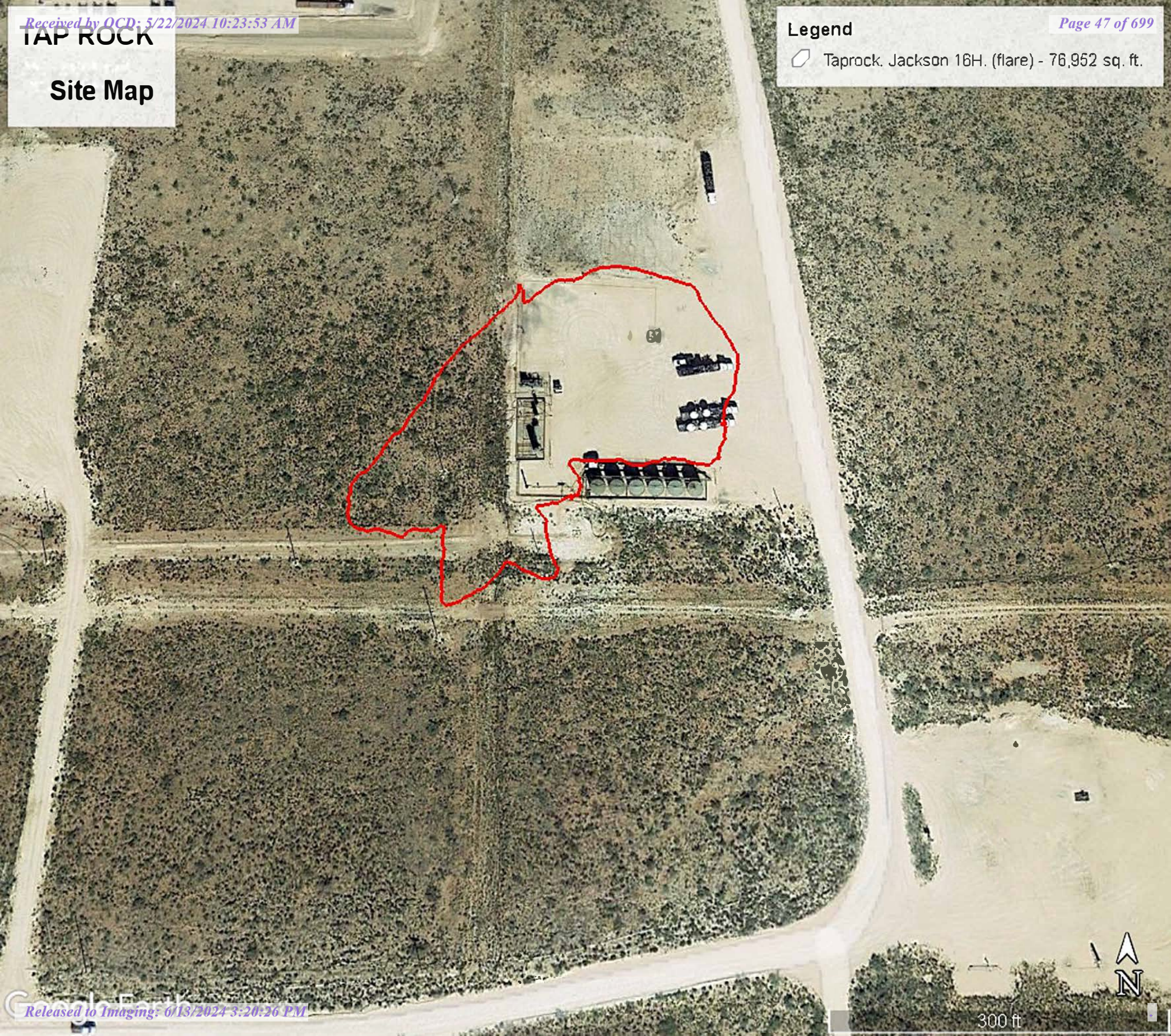


TAP ROCK

Site Map

Legend

 Taprock. Jackson 16H. (flare) - 76,952 sq. ft.



Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

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

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

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

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

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

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

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

Reference:

United States Department of Agriculture, Natural Resources Conservation Service, [National range and pasture handbook](#).

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



Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition---Lea County, New Mexico

JACKSON UNIT 16H

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	
BE—Berino-Cacique loamy fine sands association								
Berino	Loamy Sand (R070BD003NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					soaptree yucca	5		
					threeawn	5		
Cacique	Sandy (R070BD004NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					threeawn	5		
					yucca	5		



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/20/2024
Page 4 of 5

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition---Lea County, New Mexico

JACKSON UNIT 16H

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>	
SE—Simona fine sandy loam, 0 to 3 percent slopes								
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		

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

1/20/2024
Page 5 of 5

Soil Map—Lea County, New Mexico
(JACKSON UNIT 16H)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

1/20/2024
Page 1 of 3


Soil Map—Lea County, New Mexico
(JACKSON UNIT 16H)

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.

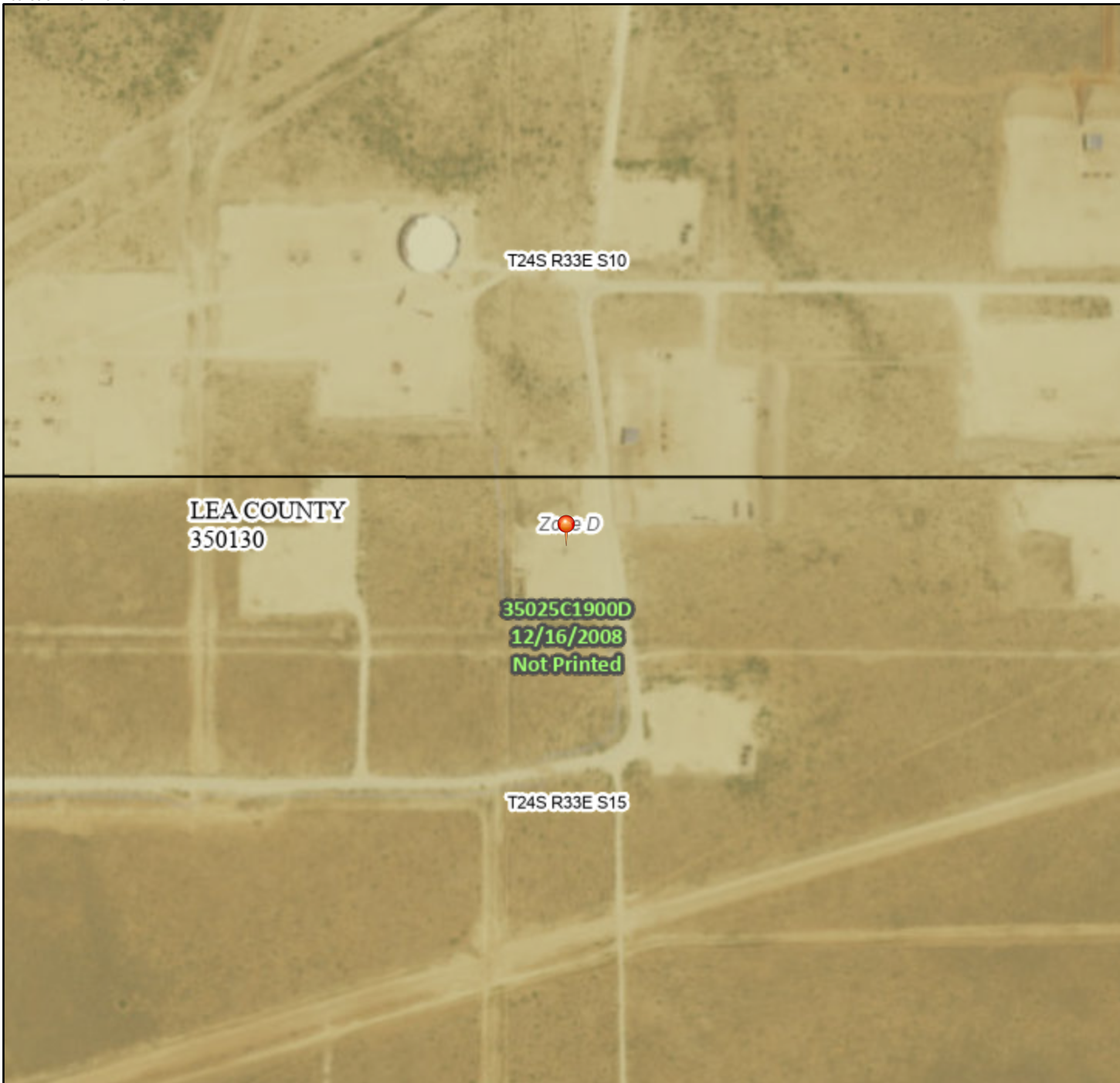
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	0.5	6.7%
SE	Simona fine sandy loam, 0 to 3 percent slopes	7.3	93.3%
Totals for Area of Interest		7.8	100.0%

National Flood Hazard Layer FIRMette



103°33'54"W 32°13'43"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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		Coastal Transect
		Base Flood Elevation Line (BFE)
MAP PANELS		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Hydrographic Feature
		Digital Data Available
MAP PANELS		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 1/20/2024 at 5:37 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.

Legend

- High
- Low
- Medium
- Taprock. Jackson 16H. (flare) - 76,952 sq. ft.







New Mexico Office of the State Engineer

Wells with Well Log Information

CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right

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

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

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q	q	q	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 03565 POD8		CUB	LE		4	1	15	24S	33E		635485	3565610	<input type="checkbox"/>	647			04/02/2013			
C 04741 POD1		CUB	LE		1	2	4	10	24S	33E	636076	3567039	<input type="checkbox"/>	900	05/08/2023	05/11/2023	06/15/2023	55	JOHN W WHITE	1456

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 635720.11

Northing (Y): 3566212.96

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)

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	Subbasin	County	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number	
C 03565 POD8		CUB	LE		4	1	15	24S	33E		635485	3565610	<div></div>	647			04/02/2013				
C 04741 POD1		CUB	LE		1	2	4	10	24S	33E	636076	3567039	<div></div>	900	05/08/2023	05/11/2023	06/15/2023	55		JOHN W WHITE	1456
C 03565 POD9		CUB	LE		4	4	15	24S	33E		636430	3565005	<div></div>	1400			04/02/2013				
C 04339 POD7		CUB	LE		4	4	2	23	24S	33E	636473	3564011	<div></div>	2326	07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEG..TY"ENER	1575
C 03662 POD1		C	LE	Shallow	3	1	2	23	24S	33E	637342	3564428	<div></div>	2411	08/19/2013	08/20/2013	09/16/2013	550	110	JOHN SIRMAN	1654
C 04339 POD6		CUB	LE		3	1	2	23	24S	33E	637340	3564386	<div></div>	2441	07/31/2019	07/31/2019	08/22/2019	60		CURRIE, SHANEG..TY"ENER	1575
C 04339 POD8		CUB	LE		1	1	3	23	24S	33E	636519	3563681	<div></div>	2654	07/31/2019	07/31/2019	08/22/2019	30		CURRIE, SHANEG..TY"ENER	1575
C 03917 POD1		C	LE	Shallow	4	1	3	13	24S	33E	638374	3565212	<div></div>	2836	03/01/2016	03/04/2016	03/11/2016	600	420	CASE KEY	1058
C 03565 POD3		CUB	LE		3	4	08	24S	33E		632763	3566546	<div></div>	2975	09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
C 04339 POD1		CUB	LE		1	3	3	23	24S	33E	636525	3563309	<div></div>	3013	08/01/2019	08/02/2019	08/22/2019	47		CURRIE, SHANEG..TY"ENER	1575
C 04339 POD9		CUB	LE		3	4	2	23	24S	33E	637731	3563913	<div></div>	3054	08/01/2019	08/01/2019	08/22/2019	45		CURRIE, SHANEG..TY"ENER	1575
C 04339 POD2		CUB	LE		2	3	3	23	24S	33E	636789	3563315	<div></div>	3088	08/06/2019	08/06/2019	08/22/2019			CURRIE, SHANEG..TY"ENER	1575
C 04339 POD3		CUB	LE		2	4	3	23	24S	33E	637273	3563323	<div></div>	3280	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	<div></div>	3280	08/06/2019	08/07/2019	08/22/2019	47		CURRIE, SHANEG..TY"ENER	1575
C 03601 POD1		CUB	LE	Shallow	4	4	2	23	24S	33E	638124	3563937	<div></div>	3310	12/21/2012	12/21/2012	01/08/2013			RODNEY HAMMER	1186
C 04708 POD1		CUB	LE		1	3	4	21	24S	33E	634149	3563262	<div></div>	3342	03/23/2023	03/27/2023	06/23/2023	100		JOE SKAGGS	1453
C 04339 POD10		CUB	LE		4	1	4	23	24S	33E	637688	3563503	<div></div>	3348	08/01/2019	08/01/2019	08/22/2019	49		CURRIE, SHANEG..TY"ENER	1575
C 03601 POD2		CUB	LE	Shallow	3	2	4	23	24S	33E	637846	3563588	<div></div>	3377	01/06/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 04595 POD1		CUB	LE		4	3	3	34	23S	33E	635150	3569564	<div></div>	3400	03/09/2022	03/09/2022	04/04/2022	55		JACKIE ATKINS	1249
C 04339 POD5		CUB	LE		2	3	4	23	24S	33E	637580	3563328	<div></div>	3432	08/06/2019	08/07/2019	08/22/2019	54		CURRIE, SHANEG..TY"ENER	1575
C 03600 POD1		CUB	LE	Shallow	2	2	1	26	24S	33E	637275	3563023	<div></div>	3548	01/07/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD6		CUB	LE	Shallow	1	4	4	23	24S	33E	637834	3563338	<div></div>	3567	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
C 04753 POD1		CUB	LE		4	4	3	35	23S	33E	637075	3569526	<div></div>	3579	07/27/2023	07/27/2023	08/21/2023	55		JASON MALEY 1833	
C 03666 POD1		C	LE	Shallow	2	3	4	13	24S	33E	639132	3565078	<div></div>	3596	10/18/2013	10/26/2013	11/14/2013	650	390	CASEY KEYS	1058
C 03601 POD5		CUB	LE	Shallow	2	4	4	23	24S	33E	637988	3563334	<div></div>	3664	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD3		CUB	LE	Shallow	1	3	3	24	24S	33E	638142	3563413	<div></div>	3701	01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
C 03601 POD7		CUB	LE	Shallow	4	4	4	23	24S	33E	637946	3563170	<div></div>	3769	01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186

C 03591 POD1	CUB	LE	Artesian	2	1	4	05	24S	33E	632731	3568518	<input type="checkbox"/>	3774	12/08/2012	01/10/2013	01/25/2013		PHILLIP STEWART	331
C 04707 POD1	CUB	LE		4	3	3	33	23S	33E	633413	3569469	<input type="checkbox"/>	3991	04/11/2023	04/12/2023	04/27/2023		ATKINS, JACKIE D.UELENER	1249
C 03600 POD4	CUB	LE	Shallow	3	3	1	26	24S	33E	636617	3562293	<input type="checkbox"/>	4020	01/08/2013	01/08/2013	01/30/2013		RODNEY HAMMER	1186
C 03600 POD7	CUB	LE	Shallow	3	1	3	26	24S	33E	636726	3561968	<input type="checkbox"/>	4362	01/08/2013	01/09/2013	01/30/2013		RODNEY HAMMER	1186
C 03600 POD3	CUB	LE	Shallow	3	4	2	26	24S	33E	637784	3562340	<input type="checkbox"/>	4388	01/16/2013	01/16/2013	01/30/2013		RODNEY HAMMER	1186
C 04014 POD4	CUB	LE	Shallow	3	4	2	01	24S	33E	639295	3568859	<input type="checkbox"/>	4448	02/13/2017	02/17/2017	03/03/2017	96	86 HAMMER, RODNEY	1186
C 03600 POD6	CUB	LE	Shallow	3	1	4	26	24S	33E	637383	3562026	<input type="checkbox"/>	4504	01/09/2013	01/09/2013	01/30/2013		RODNEY HAMMER	1186
C 04014 POD5	CUB	LE	Shallow	1	4	2	01	24S	33E	639284	3569086	<input type="checkbox"/>	4578	02/13/2017	02/17/2017	03/03/2017	95	85 HAMMER, RODNEY	1186
C 04014 POD3	CUB	LE	Shallow	2	4	2	01	24S	33E	639497	3569007	<input type="checkbox"/>	4698	02/13/2017	02/17/2017	03/03/2017	95	87 HAMMER, RODNEY	1186
C 03600 POD5	CUB	LE	Shallow	3	2	4	26	24S	33E	637857	3562020	<input type="checkbox"/>	4705	01/09/2013	01/09/2013	01/30/2013		RODNEY HAMMER	1186
C 04014 POD1	CUB	LE	Shallow	1	1	3	06	24S	34E	639811	3568638	<input type="checkbox"/>	4756	02/13/2017	02/17/2017	03/03/2017	91	81 HAMMER, RODNEY	1186
C 04014 POD2	CUB	LE	Shallow	4	4	2	01	24S	33E	639656	3568917	<input type="checkbox"/>	4774	02/13/2017	02/17/2017	03/03/2017	95	81 HAMMER, RODNEY	1186
C 03600 POD2	CUB	LE	Shallow	4	4	1	25	24S	33E	638824	3562329	<input type="checkbox"/>	4971	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	<input type="checkbox"/>	4971	01/15/2013	01/15/2013	01/30/2013		RODNEY HAMMER	1186

Record Count: 41**UTMNAD83 Radius Search (in meters):****Easting (X):** 635720.11**Northing (Y):** 3566212.96**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.


1/20/24 4:21 PM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03565 POD8	4	1	15	24S	33E		635485	3565610 

Driller License:**Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:** 04/02/2013**PCW Rcv Date:****Source:****Pump Type:****Pipe Discharge Size:****Estimated Yield:****Casing Size:****Depth Well:****Depth Water:**

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.

1/20/24 4:17 PM

Page 1 of 1

POD SUMMARY - C 03565 POD8



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 04741 POD1	1	2	4	10	24S	33E	636076	3567039

Driller License: 1456	Driller Company: WHITE DRILLING COMPANY
Driller Name: JOHN W WHITE	
Drill Start Date: 05/08/2023	Drill Finish Date: 05/11/2023
Log File Date: 06/15/2023	PCW Rcv Date:
Pump Type:	Pipe Discharge Size:
Casing Size:	Depth Well: 55 feet
	Plug Date:
	Source:
	Estimated Yield:
	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.

1/20/24 4:17 PM

Page 1 of 1


POD SUMMARY - C 04741 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
	C 03565 POD9	4	4	15	24S	33E	636430	3565005	

Driller License:		Driller Company:
Driller Name:		
Drill Start Date:	Drill Finish Date:	Plug Date:
Log File Date: 04/02/2013	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size:	Depth Well:	Depth Water:


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 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.

1/20/24 4:24 PM

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)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03565 POD6	3	3	10	24S	33E		635022	3566373

**Driller License:****Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:****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.

1/25/24 10:43 AM


POINT OF DIVERSION SUMMARY



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	Tw	Rng	X	Y
	C 03565 POD4	4	1	09	24S	33E		633672	3567057 

Driller License:	Driller Company:	
Driller Name:		
Drill Start Date:	Drill Finish Date:	Plug Date:
Log File Date:	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.

1/25/24 10:45 AM POINT OF DIVERSION SUMMARY



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	Tw	Rng	X	Y
	C 03565 POD1	1	4	06	24S	33E		630871	3568316

Driller License:**Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:****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.

1/25/24 10:45 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03565 POD6	3	3	10	24S	33E	635022	3566373	<input type="checkbox"/>

Driller License:**Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:****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.

1/25/24 10:43 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03565 POD4	4	1	09	24S	33E	633672	3567057	<input type="checkbox"/>

Driller License:

Driller Name:

Drill Start Date:

Log File Date:

Pump Type:

Casing Size:

Driller Company:

Drill Finish Date:

PCW Rcv Date:

Pipe Discharge Size:

Depth Well:

Plug Date:

Source:

Estimated Yield:

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.

1/25/24 10:45 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

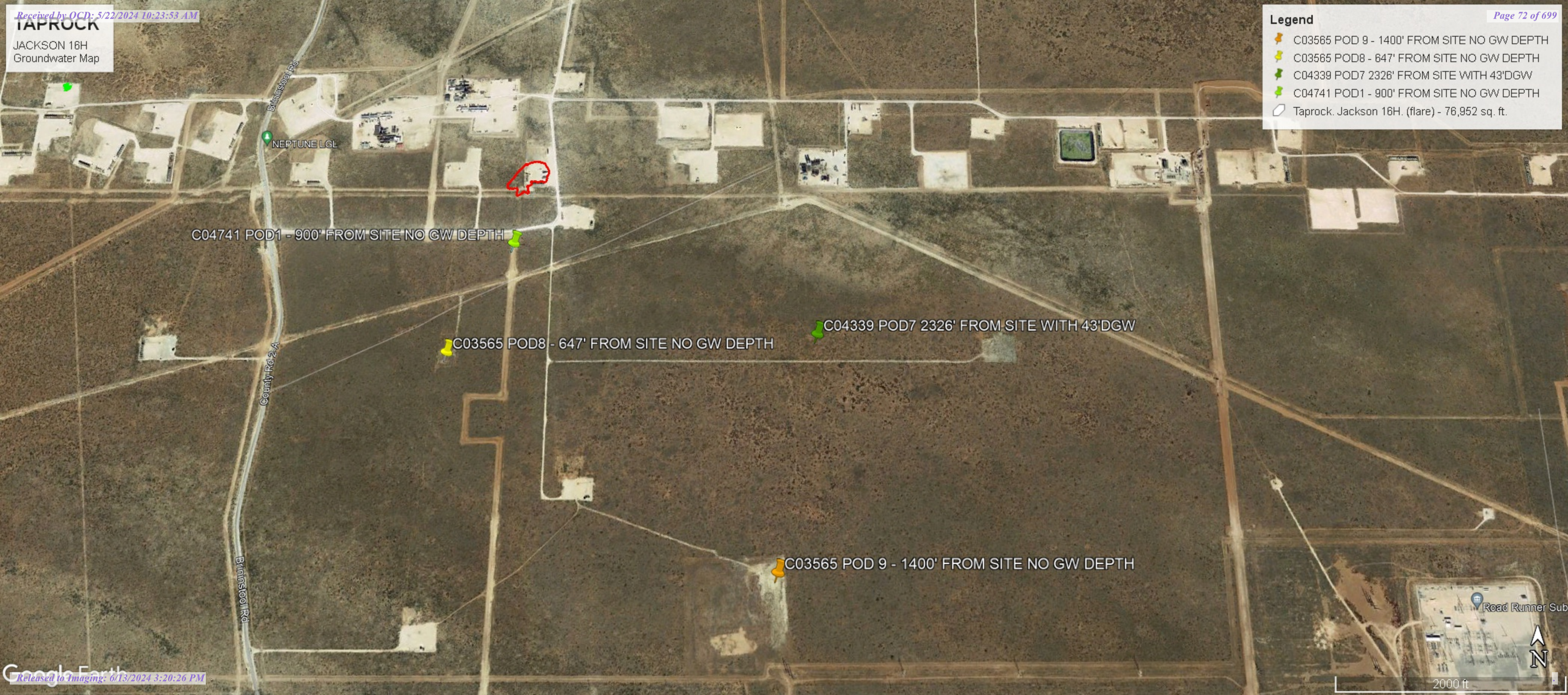
		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03565 POD1	1	4	06	24S	33E	630871	3568316	<input type="text"/>

Driller License:	Driller Company:	
Driller Name:		
Drill Start Date:	Drill Finish Date:	Plug Date:
Log File Date:	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.

1/25/24 10:45 AM

POINT OF DIVERSION SUMMARY



Page 72 of 699

Legend

- C03565 POD 9 - 1400' FROM SITE NO GW DEPTH
- C03565 POD8 - 647' FROM SITE NO GW DEPTH
- C04339 POD7 2326' FROM SITE WITH 43'DGW
- C04741 POD1 - 900' FROM SITE NO GW DEPTH
- Taprock. Jackson 16H. (flare) - 76,952 sq. ft.

C04741 POD1 - 900' FROM SITE NO GW DEPTH

C03565 POD8 - 647' FROM SITE NO GW DEPTH

C04339 POD7 2326' FROM SITE WITH 43'DGW

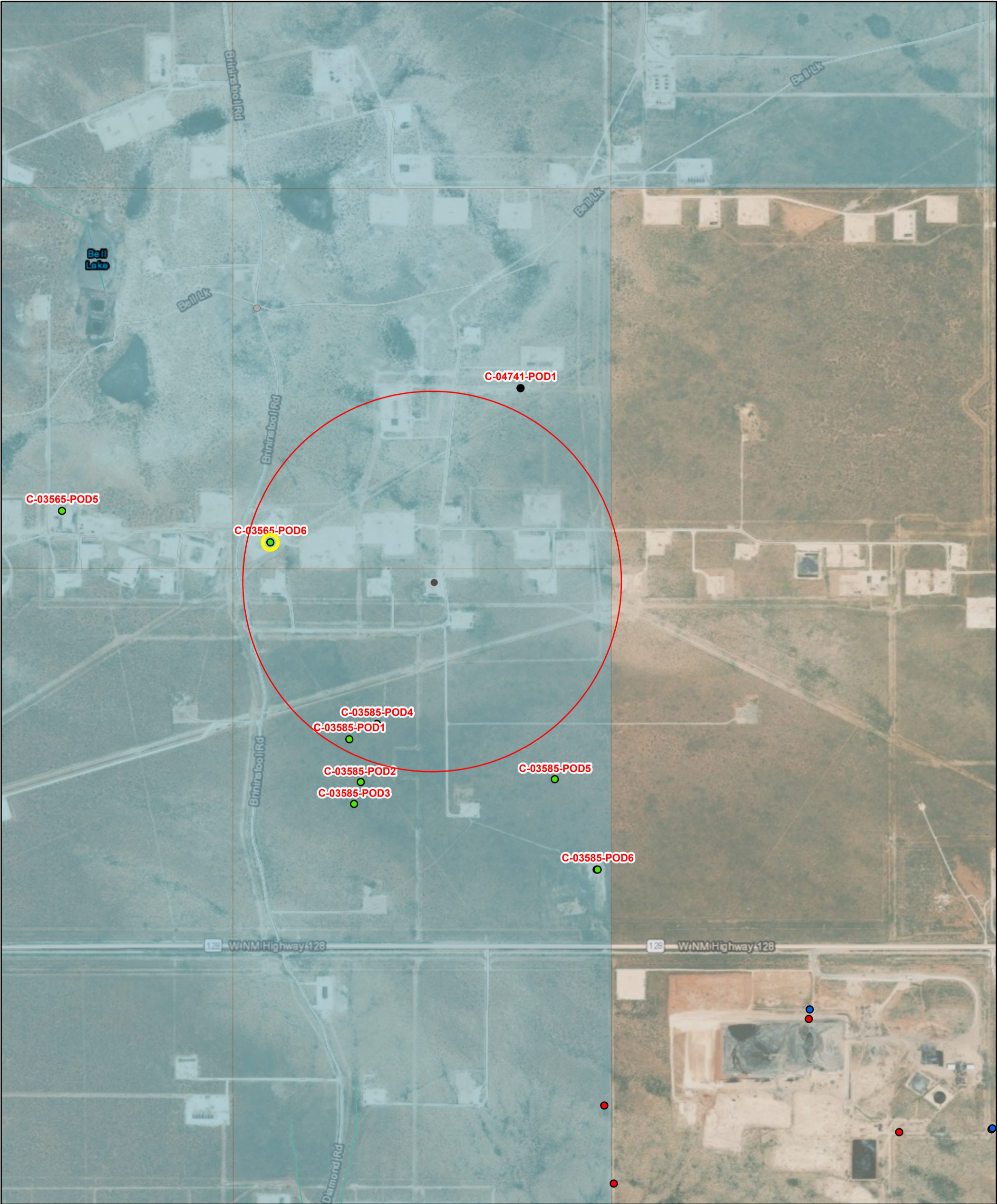
C03565 POD 9 - 1400' FROM SITE NO GW DEPTH

Road Runner Sub

2000 ft

N

OSE POD Location Map



1/25/2024, 10:48:27 AM

GIS WATERS PODs

- Active

● Pending

● Inactive
- Plugged

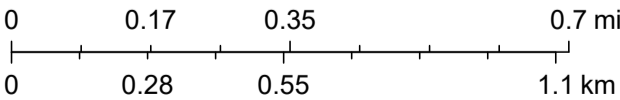
● OSE District Boundary

Water Right Regulations

■ Closure Area

- New Mexico State Trust Lands
- Both Estates
- NHD Flowlines
- Artificial Path
- Stream River

1:18,056



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

Natalie Gladden

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Thursday, April 20, 2023 9:02 AM
To: Natalie Gladden
Cc: Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] Extension Request - Jackson 16 H - Tap Rock

Hello Natalie

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

Thanks,
Jennifer Nobui

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Wednesday, April 19, 2023 7:43 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>
Cc: 'Bill Ramsey' <bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] Extension Request - Jackson 16 H - Tap Rock
Importance: High

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

All,

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

Site: Jackson Unit #16H
API No. 30-025-41167
Incident ID: nAPP2302365358
Legals: B-15-24S-33E
DOR: 1/22/23

The site has been partially delineated. We will need to complete delineation and remediate the site to state regs. Let me know if you have any questions.

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



Company Name: TAP ROCK Location Name: JACKSON 16H Release Date: _____

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURF	3120	H	114	857	77800	27900	105700	3760	CALICHE	23-Jan
	2	480								CALICHE	
	4	240								CALICHE	
	6	320								CALICHE	
	8	320									
	10	400									
	12	320									
	14	320	L	ND	ND	ND	ND	ND	264	CALICHE	

SP2	SURF	2800	H	ND	ND	7490	3090	10580	3440	CALICHE	23-Jan
	2	480								CALICHE	
	4	480								CALICHE	
	6	1360								CALICHE	
	8	2560									
	10	1440									
	12	560									
	14	400									
	16	400									
	18	240	L	ND	ND	ND	ND	ND	49	CALICHE	

SP3	SURF	>4000	H	ND	ND	670	336	1006	5530	CALICHE	23-Jan
	2	480								CALICHE	
	4	480								CALICHE	
	6	800								CALICHE	
	8	640									
	10	640									
	12	400									
	14	240	L	ND	ND	ND	ND	ND	46.9		

SP4	SURF	>4000	H	ND	ND	109	99.4	208.4	20400	CALICHE	23-Jan
	2	>4000								CALICHE	20-Apr

	4	3840								CALICHE	20-Apr
	6	2370								CALICHE	20-Apr
	8	320									20-Apr
	10	160	L	ND	ND	ND	ND	ND	228		20-Apr
SP5	SURF	160	H	ND	ND	166	108	274	169	CALICHE	23-Jan
	2	80								CALICHE	20-Apr
	4	80	L	ND	ND	ND	ND	ND	52.7	CALICHE	20-Apr
SP6	SURF	480	H	ND	ND	161	118	279	754	CALICHE	23-Jan
	2	400								CALICHE	20-Apr
	4	160	L	ND	ND	ND	ND	ND	183	CALICHE	20-Apr
SP7	SURF	800	H	ND	ND	338	209	547	840	CALICHE	23-Jan
	2	160								CALICHE	20-Apr
	4	80	L	ND	ND	ND	ND	ND	51	CALICHE	20-Apr
SP8	SURF	240	H	0.107	ND	2040	928	2968	289	CALICHE	23-Jan
	2	80								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	ND	CALICHE	21-Apr
SP9	SURF	480	H	0.537	ND	6630	2330	8960	675	CALICHE	23-Jan
	2	80								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	ND	CALICHE	21-Apr
SP10	SURF	>4000	H	140	1330	55100	18300	73400	4790	CALICHE	23-Jan
	1	80								CALICHE	20-Apr
	2	80	L	ND	ND	ND	ND	ND	ND	CALICHE	20-Apr
SP11	SURF	80	H	2.7	62.3	6360	2260	8620	135	CALICHE	23-Jan
	1	400								CALICHE	20-Apr
	2	240	L	ND	ND	ND	ND	ND	ND	CALICHE	20-Apr
SP12	SURF	560	H	ND	ND	783	439	1222	881	CALICHE	23-Jan

	2	80								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	ND	CALICHE	21-Apr
SP13	SURF	80	L	0.726	45.9	47.2	ND	47.2	66.6	CALICHE	23-Jan
	2	80								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	ND	CALICHE	21-Apr
SP14	SURF	80	H	0.221	ND	93.5	66.8	160.3	75.9	CALICHE	23-Jan
	2	160								CALICHE	21-Apr
	4	160	L	ND	ND	ND	ND	ND	ND	CALICHE	21-Apr
SP15	SURF	320	H	ND	ND	226	116	342	412	CALICHE	23-Jan
	2	80								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	30.4	CALICHE	21-Apr
SP16	SURF	160	H	ND	ND	81.1	74.7	155.8	328	CALICHE	23-Jan
	2	400								CALICHE	21-Apr
	4	320	L	ND	ND	ND	ND	ND	218	CALICHE	21-Apr
SP17	SURF	80	H	ND	ND	89	69.3	158.3	52.3	CALICHE	23-Jan
	2	160								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	ND	CALICHE	21-Apr
SP18	SURF	160	H	ND	ND	297	171	468	172	CALICHE	23-Jan
	2	80								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	25.4	CALICHE	21-Apr
SP19	SURF	80	H	ND	ND	707	395	1102	65.3	CALICHE	23-Jan
	2	160								CALICHE	21-Apr
	4	80	L	ND	ND	ND	ND	ND	26.9	CALICHE	21-Apr
SP20	SURF	80	H	ND	ND	254	201	455	82.7	CALICHE	23-Jan
	2	80								CALICHE	24-Apr
	4	80	L	ND	ND	ND	ND	ND	ND	CALICHE	24-Apr

SP21	SURF	320	H	ND	ND	62.2	52.1	114.3	147		
	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	ND		24-Apr
SP22	SURF	80	H	ND	ND	237	334	571	ND		
	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	22		24-Apr
SP23	SURF	1440	H	ND	ND	64.5	ND	64.5	2310		
	1	1120									24-Apr
	2	1040									24-Apr
	3	1280									24-Apr
	4	720									24-Apr
	5	480									24-Apr
	6	80	L	ND	ND	ND	ND	ND	34.3		24-Apr
SP24	SURF	80	H	ND	ND	103	66.7	169.7	ND		
	1	80									24-Apr
	2	80									24-Apr
	4		L	ND	ND	ND	ND	ND	30.8		
SP25	SURF	1680	H	ND	ND	191	97.8	288.8	2090		
	1	1080									24-Apr
	2	640									24-Apr
	3	400									24-Apr
	4	80	L	ND	ND	ND	ND	ND	74		24-Apr
SP26	SURF	160	L	ND	ND	29.2	ND	29.2	ND		
	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	ND		24-Apr
SP27	SURF	160	L	ND	ND	ND	ND	ND	ND		

	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	34.4		24-Apr
SP28	SURF	80	L	ND	ND	ND	ND	ND	ND		
	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	ND		24-Apr
SP29	SURF	160	L	ND	ND	33.5	ND	33.5	ND		
	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	ND		24-Apr
SP30	SURF	80	L	ND	ND	ND	ND	ND	ND		
	2	80									24-Apr
	4	80	L	ND	ND	ND	ND	ND	ND		24-Apr
SP31	SURF	160	L	ND	ND	59.4	ND	59.4	ND		
	1	80									
	2	80	L	ND	ND	31.2	ND	31.2	ND		
SP32	SURF	160	H	ND	ND	123	53.8	176.8	ND		
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SP33	SURF	320	H	0.899	ND	10900	5180	16080	90.6		
	1	320									
	2	240									
	3	160									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP34	SURF	160	H	ND	ND	362	194	556	ND		
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SP35	SURF	800	H	198	2160	40600	10400	51000	810		

	1	400									
	2	320									
	3	320									
	4	240									
	5	160	L	ND	ND	ND	ND	ND	ND		
SP36	SURF	560	H	112	900	19400	5180	24580	243		2/1/2023
	1	640									
	2	480									
	3	400									
	4	240									
	5	160	L	ND	ND	ND	ND	ND	ND		
SP37	SURF	400	H	142	1320	25300	6550	31850	413		2/1/2023
	1	320									
	2	400									
	3	320									
	4	240									
	5	160	L	ND	ND	ND	ND	ND	ND		
SP38	SURF	160	L	ND	ND	90.8	ND	90.8	ND		2/1/2023
	2	320									
	4	240									
	6	80	L	ND	ND	ND	ND	ND	ND		
SP39	SURF	160	H	33.7	415	15000	4250	19250	73.5		2/1/2023
	2	160									
	4	80									
	6	80	L	ND	ND	ND	ND	ND	25.1		
SP40	SURF	160	H	ND	ND	1160	452	1612	50.4		2/1/2023
	2	>4000									
	4	>4000									
	6	240									

	8	160	L	ND	ND	ND	ND	ND	ND		
SP41	SURF	160	H	0.0342	ND	775	329	1104	41		2/1/2023
	2	160									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP42	SURF	160	H	ND	ND	116	ND	116	ND		2/1/2023
	2	400									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP43	SURF	160	L	ND	ND	34.6	ND	34.6	ND		2/1/2023
	2	160									
	4	160	L	ND	ND	ND	ND	ND	ND		
SP44	SURF	160	L	ND	ND	ND	ND	ND	ND		2/1/2023
	2	160									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP45	SURF	160	L	ND	ND	ND	ND	ND	ND		2/1/2023
	2	160									
	4	160	L	ND	ND	ND	ND	ND	46.8		
SP46	SURF	160	H	ND	ND	151	83.3	234.3	ND		2/2/2023
	2	160									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP47	SURF	160	H	ND	ND	98.9	52.2	151.1	ND		2/2/2023
	2	>4000									
	4	320									
	6	80	L	ND	ND	ND	ND	ND	ND		
SP48	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	2	160									
	4	80	L	ND	ND	ND	ND	ND	ND		

SP49	SURF	160	L	ND	ND	80.6	ND	80.6	ND		2/2/2023
	2	80									
	4	80	L	ND	ND	ND	ND	ND	ND		
SP50	SURF	160	L	ND	ND	28.1	ND	28.1	ND		2/2/2023
	2	80									
	4	80	L	ND	ND	ND	ND	ND	ND		
SW1	SURF	80	H	ND	ND	74.5	50.1	124.6	26.5		2/2/2026
	1	80									
	2	80	H	ND	ND	40.8	54.5	95.3	37.6		
	3	80									
	4	80	L	ND	ND	ND	ND	ND	36.9		
SW2	SURF	80	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW3	SURF	480	L	ND	ND	56.5	ND	56.5	444		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW4	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW5	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW6	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		

SW7	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW8	SURF	160	H	ND	ND	74.7	52.5	127.2	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW9	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW10	SURF	160	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW11	SURF	80	L	ND	ND	ND	ND	ND	ND		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW12	SURF	160	L	ND	ND	ND	ND	ND	200		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	ND		
SW13	SURF	80	L	ND	ND	33.2	51.2	84.4	ND		2/2/2023
	1	240									
	2	160	L	ND	ND	ND	ND	ND	36		
SW14	SURF	80	H	ND	ND	58.3	53.7	112	41.5		2/2/2023
	1	320									
	2	160	L	ND	ND	ND	ND	ND	36.6		
SW15	SURF	640	H	ND	ND	165	137	302	805		2/2/2023

	1	80									
	2	80	L	ND	ND	ND	ND	ND	64.2		
SW16	SURF	80	H	ND	ND	47.4	72.9	120.3	31.7		2/2/2023
	1	80									
	2	80	L	ND	ND	ND	ND	ND	63.5		

TAPROCK

JACKSON 18H
DELINEATION MAP

Legend

HORIZONTAL SAMPLE POINTS

Taprock, Jackson 18H. (flare) - 76,952 sq. ft.

VERTICAL SAMPLE POINTS



CLIENTS TAPROCK
LOCATION JACKSON 16H
DELINEATION SAMPLE MAP

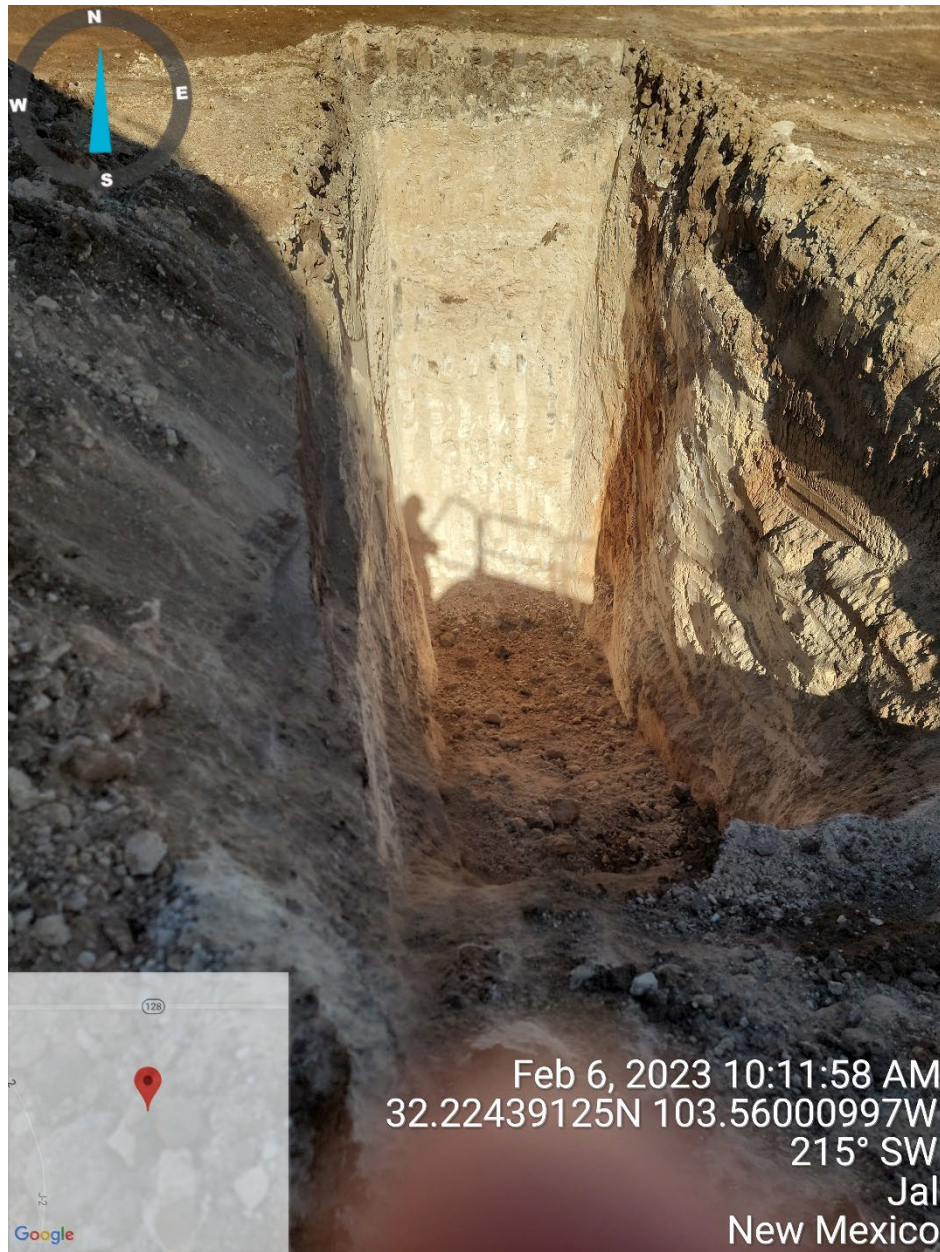
SAMPLE ID	LAT	LONG
SP1	32.224401	-103.560116
SP2	32.224442	-103.560019
SP3	32.224479	-103.559913
SP4	32.224485	-103.559778
SP5	32.224459	-103.559639
SP6	32.224354	-103.559546
SP7	32.224354	-103.559685
SP8	32.224352	-103.559830
SP9	32.224349	-103.559948
SP10	32.224316	-103.560099
SP11	32.224219	-103.560105
SP12	32.224223	-103.559987
SP13	32.224226	-103.559832
SP14	32.224224	-103.559663
SP15	32.224247	-103.559511
SP16	32.224112	-103.599529
SP17	32.224106	-103.559701
SP18	32.224105	-103.598550
SP19	32.224019	-103.560032
SP20	32.223988	-103.559894
SP21	32.223987	-103.559744
SP22	32.223977	-103.559588
SP23	32.223885	-103.559992
SP24	32.223914	-103.560120
SP25	32.223857	-103.560063
SP26	32.223781	-103.560131
SP27	32.223667	-103.560093
SP28	32.223699	-103.560204
SP29	32.223781	-103.560232
SP30	32.223891	-103.560223
SP31	32.223996	-103.560220
SP32	32.224114	-103.560218
SP33	32.224205	-103.560209
SP34	32.224272	-103.560194
SP35	32.224330	-103.560187
SP36	32.224391	-103.560183
SP37	32.224447	-103.560163
SP38	32.222318	-103.560279
SP39	32.224242	-103.560307
SP40	32.224111	-103.560319
SP41	32.223978	-103.560334
SP42	32.223839	-103.560322

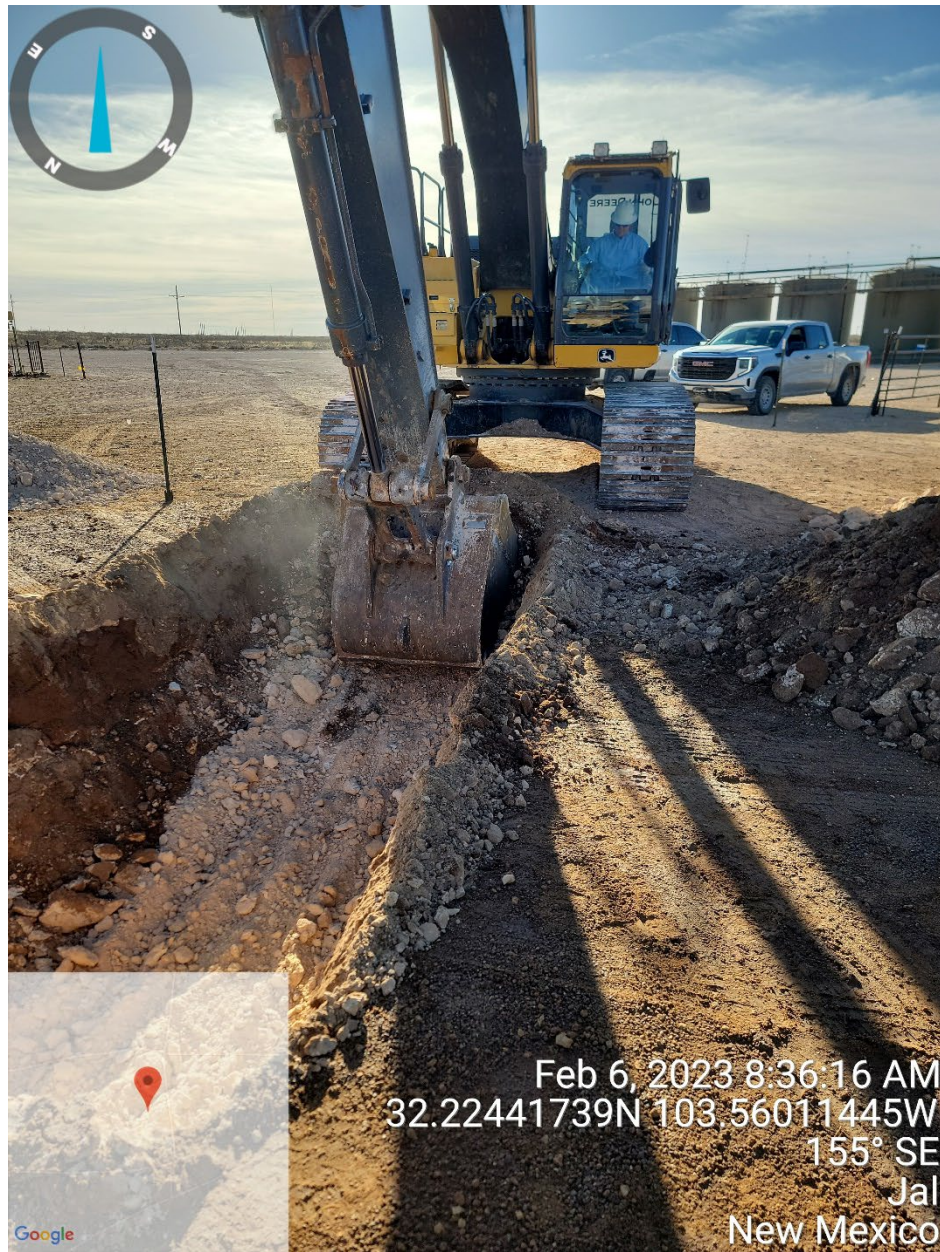
SP43	32.223733	-103.560331
SP44	32.223658	-103.560294
SP45	32.223583	-103.560352
SP46	32.223834	-103.560476
SP47	32.223983	-103.560454
SP48	32.224133	-103.560406
SP49	32.223918	-103.560572
SP50	32.223826	-103.560620
SW1	32.224539	-103.559876
SW2	32.224450	-103.560097
SW3	32.224404	-103.560218
SW4	32.224311	-103.560331
SW5	32.224195	-103.560441
SW6	32.224038	-103.560545
SW7	32.223851	-103.560711
SW8	32.223735	-103.560563
SW9	32.223695	-103.560393
SW10	32.223544	-103.560379
SW11	32.223658	-103.560193
SW12	32.223742	-103.560064
SW13	32.223943	-103.559985
SW14	32.223945	-103.559691
SW15	32.224148	-103.559450
SW16	32.224428	-103.559552

TAPROCK
JACKSON 16H – DELINEATION PHOTOS

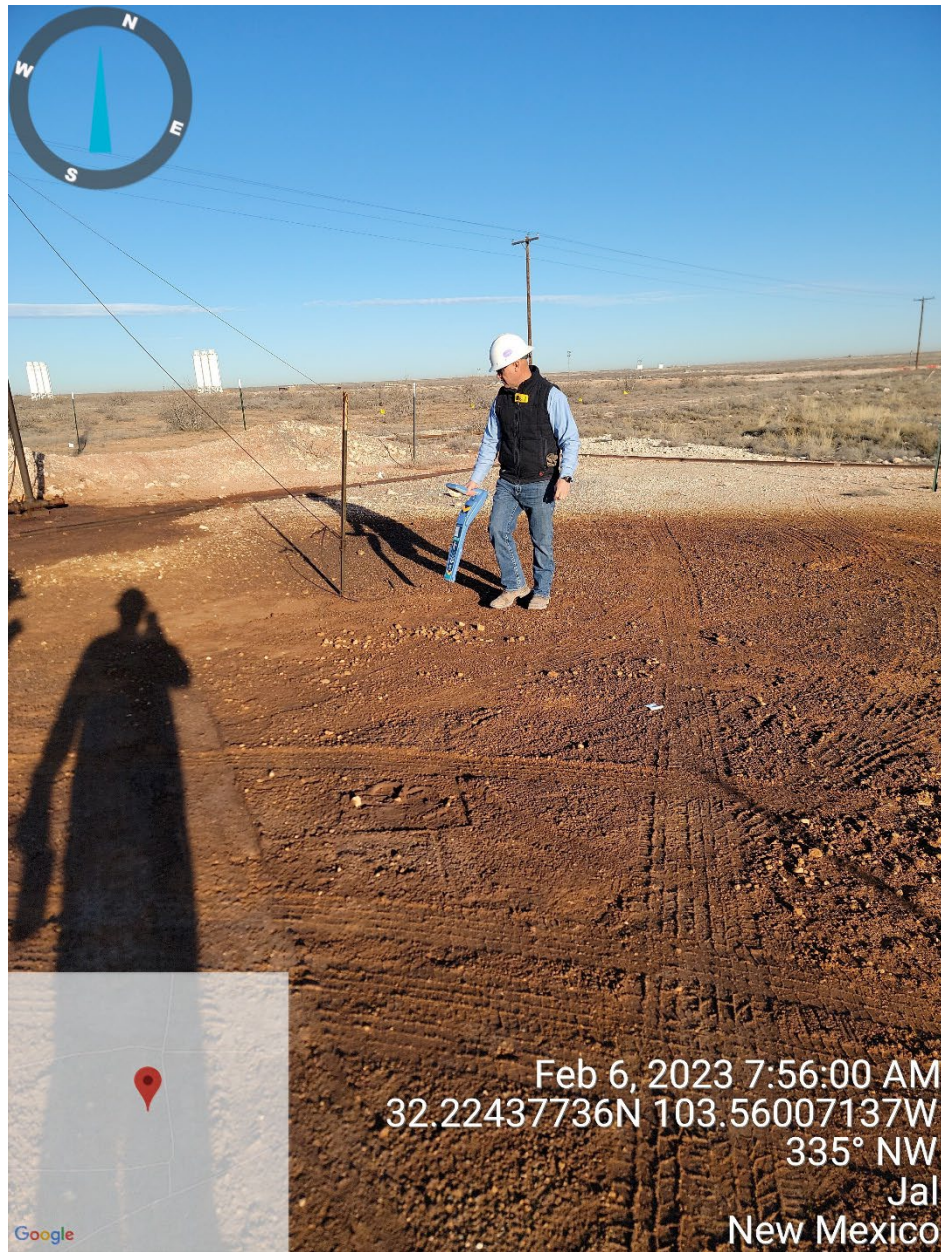












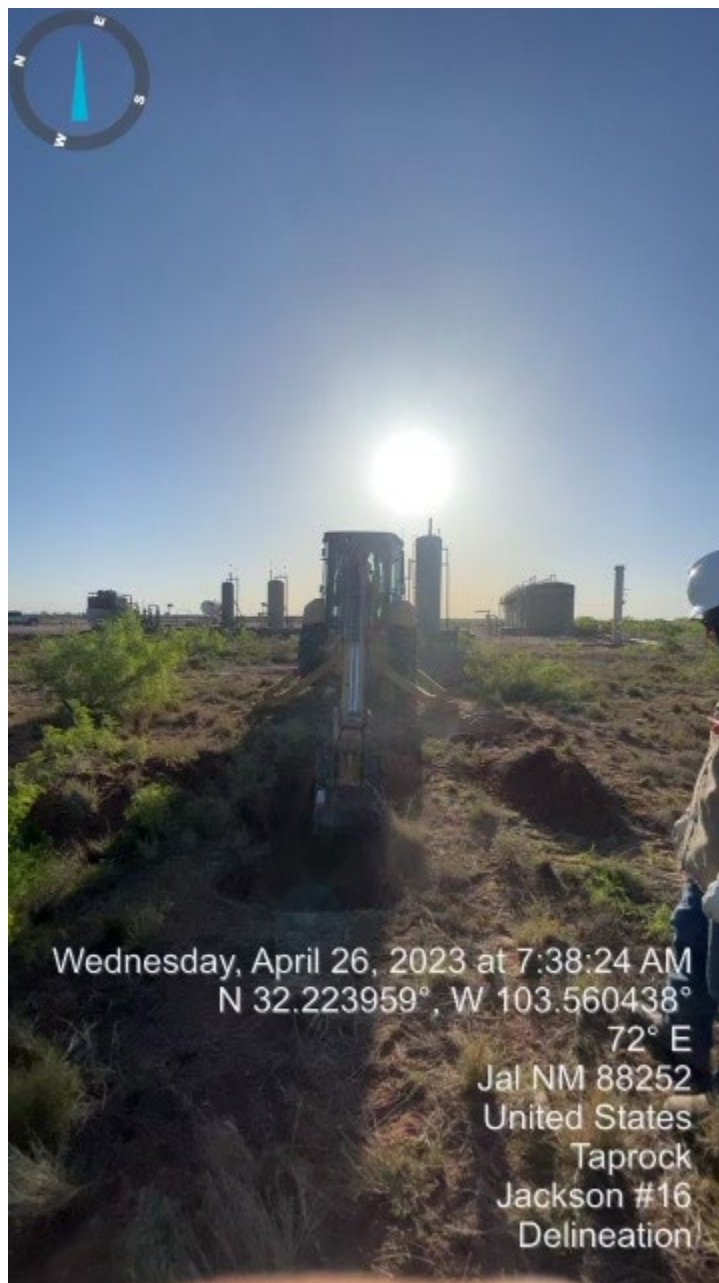
















Natalie Gladden

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, October 20, 2023 8:18 AM
To: Natalie Gladden; ocdonline, emnrd, EMNRD; Bratcher, Michael, EMNRD
Cc: 'Bill Ramsey'; Christian Combs; Brittney Corral
Subject: Re: [EXTERNAL] Taprock Jackson 16H Composite Request and notification

Good morning Natalie,

Your request to increase the sampling area for each five point composite sample not to exceed 500 square feet is approved.

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

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

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: Thursday, October 19, 2023 3:23 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>
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Brittney Corral <brittney@energystaffingllc.com>
Subject: [EXTERNAL] Taprock Jackson 16H Composite Request and notification

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

All,

The site has been fully delineated and excavated. We are ready for composites. The impact area measures 76,952 sq. ft. We would like to request a variance moving the composite requirement from 250 sq. ft. to 500 sq. ft. Attached you will find the composite map of the excavation area. Please let me know if you have any questions.

Site: Jackson 16H
DOR: 1/22/23
API NO: 30-025-41167
Incident #: nAPP2302365358

Once approved crews will immediately start on obtaining composites.

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



Company Name: TAP ROCK Location Name: JACKSON 16H Release Date: _____

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
COMP1	2	240	L	ND	ND	ND	ND	ND	150		
COMP2	4	160	L	ND	ND	ND	ND	ND	91		
COMP3	4	160	L	ND	ND	ND	ND	ND	205		
COMP4	4	80	L	ND	ND	ND	ND	ND	35.8		
COMP5	4	160	L	ND	ND	ND	ND	ND	77.6		
COMP6	6	240	L	ND	ND	ND	ND	ND	145		
COMP7	6	160	L	ND	ND	ND	ND	ND	220		
COMP8	6	80	L	ND	ND	ND	ND	ND	34.7		
COMP9	6	160	L	ND	ND	ND	ND	ND	82.7		
COMP10	6	80	L	ND	ND	ND	ND	ND	34.5		
COMP11	6	240	L	ND	ND	ND	ND	ND	157		
COMP12	6	240	L	ND	ND	ND	ND	ND	159		
COMP13	6	160	L	ND	ND	ND	ND	ND	218		
COMP14	6	160	L	ND	ND	ND	ND	ND	82.1		
COMP15	6	80	L	ND	ND	ND	ND	ND	41.5		
COMP16	6	240	L	ND	ND	ND	ND	ND	163		

COMP17	6	160	L	ND	ND	ND	ND	ND	166		
COMP18	6	80	L	ND	ND	ND	ND	ND	69.4		
COMP19	6	240	L	ND	ND	ND	ND	ND	159		
COMP20	6	80	L	ND	ND	ND	ND	ND	81.3		
COMP21	6	160	L	ND	ND	ND	ND	ND	181		
COMP22	6	240	L	ND	ND	ND	ND	ND	163		
COMP23	6	160	L	ND	ND	ND	ND	ND	180		
COMP24	6	80	L	ND	ND	ND	ND	ND	93		
COMP25	6	240	L	ND	ND	ND	ND	ND	90		
COMP26	6	80	L	ND	ND	ND	ND	ND	48.9		
COMP27	6	240	L	ND	ND	ND	ND	ND	76.9		
COMP28	6	80	L	ND	ND	ND	ND	ND	48.7		
COMP29	6	160	L	ND	ND	ND	ND	ND	119		
COMP30	6	160	L	ND	ND	ND	ND	ND	44.4		
COMP31	6	160	L	ND	ND	ND	ND	ND	121		
COMP32	6	80	L	ND	ND	ND	ND	ND	46.9		
COMP33	2	80	L	ND	ND	ND	ND	ND	ND		

COMP34	2	80	L	ND	ND	ND	ND	ND	43.3		
COMP35	2	160	L	ND	ND	ND	ND	ND	122		
COMP36	2	160	L	ND	ND	ND	ND	ND	42.5		
COMP37	6	160	L	ND	ND	ND	ND	ND	43.7		
COMP38	2	160	L	ND	ND	ND	ND	ND	127		
COMP39	2	80	L	ND	ND	ND	ND	ND	50.3		
COMP40	6	80	L	ND	ND	ND	ND	ND	ND		
COMP41	6	240	L	ND	ND	ND	ND	ND	81		
COMP42	6	80	L	ND	ND	ND	ND	ND	ND		
COMP43	6	160	L	ND	ND	ND	ND	ND	127		
COMP44	6	160	L	ND	ND	ND	ND	ND	46.6		
COMP45	6	80	L	ND	ND	ND	ND	ND	ND		
COMP46	6	240	L	ND	ND	ND	ND	ND	67		
COMP47	2	160	L	ND	ND	ND	ND	ND	124		
COMP48	8	160	L	ND	ND	ND	ND	ND	48		
COMP49	8	80	L	ND	ND	ND	ND	ND	ND		
COMP50	10	240	L	ND	ND	ND	ND	ND	44.6		

COMP51	10	160	L	ND	ND	ND	ND	ND	120		
COMP52	10	80	L	ND	ND	ND	ND	ND	51.8		
COMP53	4	80	L	ND	ND	ND	ND	ND	ND		
COMP54	4	240	L	ND	ND	ND	ND	ND	ND		
COMP55	4	160	L	ND	ND	ND	ND	ND	ND		
COMP56	4	240	L	ND	ND	ND	ND	ND	ND		
COMP57	4	160	L	ND	ND	ND	ND	ND	ND		
COMP58	4	240	L	ND	ND	ND	ND	ND	ND		
COMP59	4	80	L	ND	ND	ND	ND	ND	ND		
COMP60	4	160	L	ND	ND	ND	ND	ND	ND		
COMP61	4	80	L	ND	ND	ND	ND	ND	ND		
COMP62	4	240	L	ND	ND	ND	ND	ND	ND		
COMP63	4	80	L	ND	ND	ND	ND	ND	ND		
COMP64	4	160	L	ND	ND	ND	ND	ND	ND		
COMP65	4	240	L	ND	ND	ND	ND	ND	ND		
COMP66	4	160	L	ND	ND	ND	ND	ND	ND		
COMP67	4	80	L	ND	ND	ND	ND	ND	ND		

COMP68	4	240	L	ND	ND	ND	ND	ND	ND		
COMP69	4	80	L	ND	ND	ND	ND	ND	ND		
COMP70	4	160	L	ND	ND	ND	ND	ND	ND		
COMP71	4	240	L	ND	ND	ND	ND	ND	ND		
COMP72	4	80	L	ND	ND	ND	ND	ND	ND		
COMP73	4	80	L	ND	ND	ND	ND	ND	ND		
COMP74	4	80	L	ND	ND	ND	ND	ND	ND		
COMP75	4	160	L	ND	ND	ND	ND	ND	ND		
COMP76	4	80	L	ND	ND	ND	ND	ND	ND		
COMP77	4	160	L	ND	ND	ND	ND	ND	ND		
COMP78	4	80	L	ND	ND	ND	ND	ND	ND		
COMP79	4	80	L	ND	ND	ND	ND	ND	ND		
COMP80	4	80	L	ND	ND	ND	ND	ND	ND		
COMP81	4	80	L	ND	ND	ND	ND	ND	ND		
COMP82	4	80	L	ND	ND	ND	ND	ND	ND		
COMP83	4	160	L	ND	ND	ND	ND	ND	ND		
COMP84	4	80	L	ND	ND	ND	ND	ND	ND		

COMP85	4	80	L	ND	ND	ND	ND	ND	ND		
COMP86	4	160	L	ND	ND	ND	ND	ND	ND		
COMP87	4	80	L	ND	ND	ND	ND	ND	ND		
COMP88	4	80	L	ND	ND	ND	ND	ND	ND		
COMP89	4	80	L	ND	ND	ND	ND	ND	ND		
COMP90	4	80	L	ND	ND	ND	ND	ND	ND		
COMP91	4	160	L	ND	ND	ND	ND	ND	ND		
COMP92	4	80	L	ND	ND	ND	ND	ND	ND		
COMP93	4	80	L	ND	ND	ND	ND	ND	ND		
COMP94	4	80	L	ND	ND	ND	ND	ND	ND		
COMP95	4	80	L	ND	ND	ND	ND	ND	ND		
COMP96	4	80	L	ND	ND	ND	ND	ND	ND		
COMP97	4	160	L	ND	ND	ND	ND	ND	ND		
COMP98	4	80	L	ND	ND	ND	ND	ND	ND		
COMP99	4	80	L	ND	ND	ND	ND	ND	ND		
COMP100	4	80	L	ND	ND	ND	ND	ND	ND		
COMP101	4	80	L	ND	ND	ND	ND	ND	ND		

COMP102	4	80	L	ND	ND	ND	ND	ND	ND		
COMP103	4	80	L	ND	ND	ND	ND	ND	25.6		
COMP104	4	80	L	ND	ND	ND	ND	ND	20.4		
COMP105	4	80	L	ND	ND	ND	ND	ND	22		
COMP106	4	80	L	ND	ND	ND	ND	ND	24.6		
COMP107	4	80	L	ND	ND	ND	ND	ND	24.9		
COMP108	4	80	L	ND	ND	ND	ND	ND	21		
COMP109	4	80	L	ND	ND	ND	ND	ND	22.1		
COMP110	4	80	L	ND	ND	ND	ND	ND	ND		
COMP111	4	80	L	ND	ND	ND	ND	ND	21.8		
COMP112	4	80	L	ND	ND	ND	ND	ND	20.1		
COMP113	4	80	L	ND	ND	ND	ND	ND	ND		
COMP114	4	80	L	ND	ND	ND	ND	ND	ND		
COMP115	4	80	L	ND	ND	ND	ND	ND	ND		
COMP116	4	80	L	ND	ND	ND	ND	ND	ND		
COMP117	4	80	L	ND	ND	ND	ND	ND	ND		
COMP118	4	80	L	ND	ND	ND	ND	ND	ND		

COMP119	4	80	L	ND	ND	ND	ND	ND	ND		
COMP120	4	80	L	ND	ND	ND	ND	ND	ND		
COMP121	4	80	L	ND	ND	ND	ND	ND	ND		
COMP122	4	80	L	ND	ND	ND	ND	ND	21.6		
COMP123	4	80	L	ND	ND	ND	ND	ND	20.7		
COMP124	4	80	L	ND	ND	ND	ND	ND	20.1		
COMP125	4	80	L	ND	ND	ND	ND	ND	22.3		
COMP126	4	80	L	ND	ND	ND	ND	ND	ND		
COMP127	4	80	L	ND	ND	ND	ND	ND	27.8		
COMP128	4	80	L	ND	ND	ND	ND	ND	34.1		
COMP129	4	80	L	ND	ND	ND	ND	ND	30.6		
COMP130	4	80	L	ND	ND	ND	ND	ND	33		
COMP131	4	80	L	ND	ND	ND	ND	ND	30.1		
COMP132	4	80	L	ND	ND	ND	ND	ND	27.9		
COMP133	4	80	L	ND	ND	ND	ND	ND	30.4		
COMP134	4	80	L	ND	ND	ND	ND	ND	39.4		
COMP135	4	80	L	ND	ND	ND	ND	ND	34.1		

COMP136	4	80	L	ND	ND	ND	ND	ND	30.4		
COMP137	4	80	L	ND	ND	ND	ND	ND	29.6		
COMP138	4	80	L	ND	ND	ND	ND	ND	28.6		
COMP139	4	80	L	ND	ND	ND	ND	ND	31.8		
COMP140	4	80	L	ND	ND	ND	ND	ND	32.7		
COMP141	4	80	L	ND	ND	ND	ND	ND	25.7		
COMP142	4	80	L	ND	ND	ND	ND	ND	24.3		
COMP143	4	80	L	ND	ND	ND	ND	ND	28.9		
COMP144	4	80	L	ND	ND	ND	ND	ND	28.4		
COMP145	4	80	L	ND	ND	ND	ND	ND	29.9		
COMP146	4	80	L	ND	ND	ND	ND	ND	28.9		
SWCOMP1	4	160	L	ND	ND	ND	ND	ND	193		
SWCOMP2	4	160	L	ND	ND	ND	ND	ND	189		
SWCOMP3	4	160	L	ND	ND	ND	ND	ND	194		
SWCOMP4	4	160	L	ND	ND	ND	ND	ND	190		
SWCOMP5	4	160	L	ND	ND	ND	ND	ND	188		
SWCOMP6	4	160	L	ND	ND	ND	ND	ND	180		

SWCOMP7	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP8	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP9	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP10	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP11	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP12	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP13	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP14	4	160	L	ND	ND	ND	ND	ND	144		
SWCOMP15	4	160	L	ND	ND	ND	ND	ND	144		
SWCOMP16	4	160	L	ND	ND	ND	ND	ND	146		
SWCOMP17	4	160	L	ND	ND	ND	ND	ND	146		
SWCOMP18	4	160	L	ND	ND	ND	ND	ND	144		
SWCOMP19	4	160	L	ND	ND	ND	ND	ND	142		
SWCOMP20	4	160	L	ND	ND	ND	ND	ND	140		
SWCOMP21	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP22	4	160	L	ND	ND	ND	ND	ND	ND		
SWCOMP23	4	80	L	ND	ND	ND	ND	ND	ND		

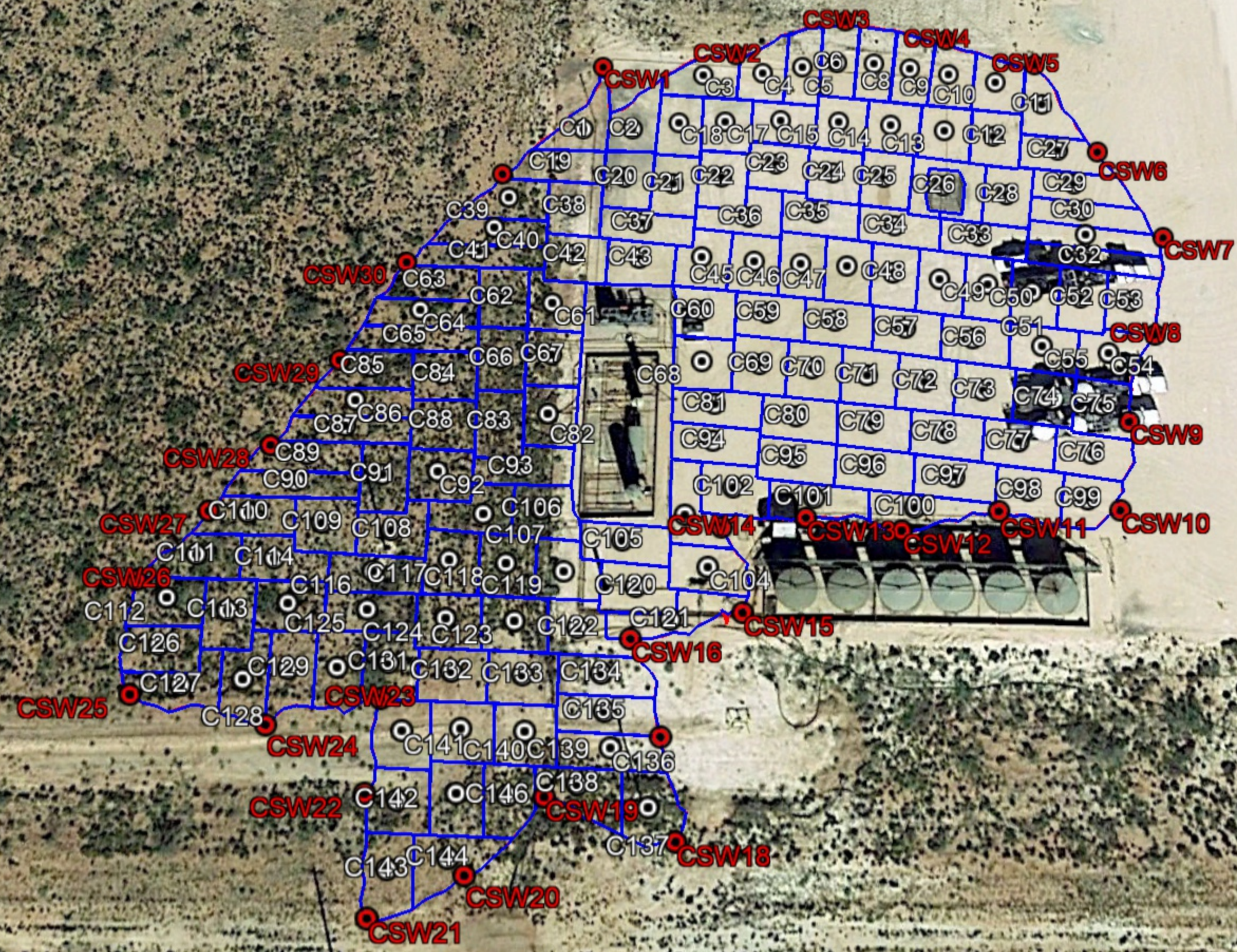
SWCOMP24	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP25	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP26	4	160	L	ND	ND	ND	ND	ND	ND		
SWCOMP27	4	160	L	ND	ND	ND	ND	ND	ND		
SWCOMP28	4	80	L	ND	ND	ND	ND	ND	ND		
SWCOMP29	4	160	L	ND	ND	ND	ND	ND	ND		
SWCOMP30	4	160	L	ND	ND	ND	ND	ND	ND		
SWCOMP31	4	80	L	ND	ND	ND	ND	ND	ND		

TAPROCK

JACKSON 16H
COMPOSITE MAP

Legend

- COMPOSITES
- EXCAVATION AREA
- SIDEWALL COMPOSITES



100 ft

CLIENTS	TAPROCK
LOCATION	JACKSON 16H

SAMPLE ID	LAT	LONG
C1	32.224394	-103.560184
C2	32.224394	-103.560119
C3	32.224465	-103.560027
C4	32.224467	-103.559948
C5	32.224474	-103.559895
C6	32.224479	-103.559848
C7	32.224478	-103.559799
C8	32.224472	-103.559751
C9	32.224464	-103.559699
C10	32.224454	-103.559637
C11	32.224426	-103.559576
C12	32.224385	-103.559643
C13	32.224392	-103.559707
C14	32.224400	-103.559778
C15	32.224404	-103.559846
C16	32.224406	-103.559923
C17	32.224404	-103.559997
C18	32.224403	-103.560058
C19	32.224352	-103.560214
C20	32.224334	-103.560127
C21	32.224326	-103.560063
C22	32.224335	-103.560000
C23	32.224351	-103.559929
C24	32.22434	-103.559854
C25	32.224334	-103.559788
C26	32.224324	-103.559711
C27	32.224368	-103.559559
C28	32.224313	-103.559628
C29	32.224326	-103.55954
C30	32.224293	-103.559531
C31	32.224264	-103.559529
C32	32.224237	-103.559526
C33	32.224262	-103.559666
C34	32.224275	-103.559775
C35	32.224291	-103.559876
C36	32.224236	-103.559963
C37	32.224279	-103.560102
C38	32.224299	-103.560192
C39	32.22431	-103.560277
C40	32.224274	-103.560293
C41	32.224245	-103.560311
C42	32.22424	-103.560189

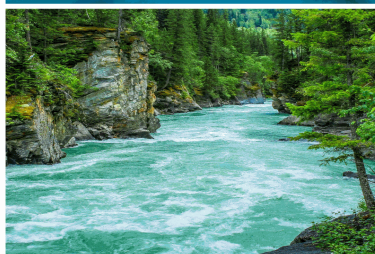
C43	32.224236	-103.560104
C44	32.224238	-103.560024
C45	32.224232	-103.559956
C46	32.22423	-103.559896
C47	32.224227	-103.559837
C48	32.224219	-103.559778
C49	32.224211	-103.559719
C50	32.224205	-103.559657
C51	32.224195	-103.559601
C52	32.224188	-103.55954
C53	32.224185	-103.559477
C54	32.224125	-103.559508
C55	32.224133	-103.559592
C56	32.224142	-103.559678
C57	32.224154	-103.559763
C58	32.224162	-103.559853
C59	32.224172	-103.559939
C60	32.224174	-103.560022
C61	32.224183	-103.560213
C62	32.224191	-103.560279
C63	32.224211	-103.560367
C64	32.224177	-103.560381
C65	32.224147	-103.560387
C66	32.22412	-103.560275
C67	32.224124	-103.56021
C68	32.224116	-103.56002
C69	32.224112	-103.559948
C70	32.224107	-103.559882
C71	32.2241	-103.559813
C72	32.224092	-103.559741
C73	32.224082	-103.559668
C74	32.224074	-103.559591
C75	32.224065	-103.55952
C76	32.224012	-103.559537
C77	32.224025	-103.559626
C78	32.224035	-103.559719
C79	32.224046	-103.559808
C80	32.224053	-103.559901
C81	32.224067	-103.560003
C82	32.224057	-103.560211
C83	32.224048	-103.560272
C84	32.224102	-103.560346
C85	32.224111	-103.560437
C86	32.224073	-103.560454
C87	32.224045	-103.560463
C88	32.22405	-103.560345
C89	32.224013	-103.560507

C90	32.223984	-103.560518
C91	32.223991	-103.560412
C92	32.223994	-103.560344
C93	32.223998	-103.560242
C94	32.224026	-103.560005
C95	32.224008	-103.559904
C96	32.223998	-103.559807
C97	32.223986	-103.559707
C98	32.223971	-103.559617
C99	32.223962	-103.559544
C100	32.223952	-103.559756
C101	32.223963	-103.559879
C102	32.223975	-103.559979
C103	32.223945	-103.560037
C104	32.22389	-103.560008
C105	32.223918	-103.560112
C106	32.223952	-103.560213
C107	32.223948	-103.560284
C108	32.223931	-103.560395
C109	32.223938	-103.560481
C110	32.22395	-103.560572
C111	32.223905	-103.560629
C112	32.22386	-103.560659
C113	32.223846	-103.560584
C114	32.223901	-103.560534
C115	32.223853	-103.560512
C116	32.223887	-103.560413
C117	32.223899	-103.560322
C118	32.223895	-103.560252
C119	32.223886	-103.560182
C120	32.223869	-103.560094
C121	32.223835	-103.560051
C122	32.223828	-103.560162
C123	32.223835	-103.560238
C124	32.223838	-103.560321
C125	32.223847	-103.560416
C126	32.223811	-103.560661
C127	32.22377	-103.560629
C128	32.223776	-103.560556
C129	32.223786	-103.560503
C130	32.223788	-103.560446
C131	32.223792	-103.5600385
C132	32.223783	-103.56031
C133	32.22378	-103.560225
C134	32.223781	-103.560132
C135	32.223743	-103.560126
C136	32.223707	-103.560118

C137	32.223649	-103.560071
C138	32.223671	-103.560154
C139	32.223723	-103.560219
C140	32.223726	-103.560294
C141	32.223724	-103.560363
C142	32.223656	-103.560362
C143	32.22359	-103.560368
C144	32.223601	-103.560299
C145	32.223663	-103.560294
C146	32.223661	-103.560235
CSW1	32.224473	-103.560161
CSW2	32.22449	-103.559984
CSW3	32.224534	-103.559837
CSW4	32.224509	-103.559701
CSW5	32.224477	-103.559584
CSW6	32.224366	-103.559506
CSW7	32.224261	-103.559428
CSW8	32.224146	-103.559448
CSW9	32.224047	-103.559488
CSW10	32.22395	-103.559505
CSW11	32.223948	-103.559654
CSW12	32.223927	-103.559773
CSW13	32.2223942	-103.559889
CSW14	32.223932	-103.559992
CSW15	32.223842	-103.559965
CSW16	32.223816	-103.560099
CSW17	32.223717	-103.560059
CSW18	32.223616	-103.560039
CSW19	32.223659	-103.560192
CSW20	32.223585	-103.560279
CSW21	32.223544	-103.560386
CSW22	32.223663	-103.560401
CSW23	32.223756	-103.560391
CSW24	32.22373	-103.560524
CSW25	32.23376	-103.560689
CSW26	32.223878	-103.560698
CSW27	32.223951	-103.560621
CSW28	32.224023	-103.560554
CSW29	32.224119	-103.560478
CSW30	32.224233	-103.560404
CSW31	32.224339	-103.560287

Report to:

Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16H

Work Order: E301128

Job Number: 20046-0001

Received: 1/26/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/27/23

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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/27/23



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson 16H
Workorder: E301128
Date Received: 1/26/2023 8:25:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/26/2023 8:25:00AM, under the Project Name: Jackson 16H.

The analytical test results summarized in this report with the Project Name: Jackson 16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP1 - SURF	6
SP2 - SURF	7
SP3 - SURF	8
SP4 - SURF	9
SP5 - SURF	10
SP6 - SURF	11
SP7 - SURF	12
SP8 - SURF	13
SP9 - SURF	14
SP10 - SURF	15
SP11 - SURF	16
SP12 - SURF	17
SP13 - SURF	18
SP14 - SURF	19
SP15 - SURF	20
SP16 - SURF	21
SP17 - SURF	22
SP18 - SURF	23
SP19 - SURF	24
SP20 - SURF	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/27/23 16:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - SURF	E301128-01A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP2 - SURF	E301128-02A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP3 - SURF	E301128-03A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP4 - SURF	E301128-04A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP5 - SURF	E301128-05A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP6 - SURF	E301128-06A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP7 - SURF	E301128-07A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP8 - SURF	E301128-08A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP9 - SURF	E301128-09A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP10 - SURF	E301128-10A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP11 - SURF	E301128-11A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP12 - SURF	E301128-12A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP13 - SURF	E301128-13A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP14 - SURF	E301128-14A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP15 - SURF	E301128-15A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP16 - SURF	E301128-16A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP17 - SURF	E301128-17A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP18 - SURF	E301128-18A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP19 - SURF	E301128-19A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SP20 - SURF	E301128-20A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson 16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/27/2023 4:24:55PM

SP1 - SURF

E301128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	3.05	0.250	10	01/25/23	01/27/23	
Ethylbenzene	24.3	0.250	10	01/25/23	01/27/23	
Toluene	45.4	0.250	10	01/25/23	01/27/23	
o-Xylene	32.8	0.250	10	01/25/23	01/27/23	
p,m-Xylene	80.9	0.500	10	01/25/23	01/27/23	
Total Xylenes	114	0.250	10	01/25/23	01/27/23	
Surrogate: 4-Bromochlorobenzene-PID	108 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	857	200	10	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	77800	2500	100	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	27900	5000	100	01/26/23	01/27/23	
Surrogate: n-Nonane	1140 %	50-200		01/26/23	01/27/23	SS
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	3760	40.0	2	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP2 - SURF
E301128-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	7490	125	5	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	3090	250	5	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	3440	40.0	2	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP3 - SURF

E301128-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	670	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	336	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
		98.5 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2304038
Chloride	5530	200	10	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP4 - SURF
E301128-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	109	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	99.4	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	99.3 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	20400	2000	100	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP5 - SURF

E301128-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	0.0382	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	166	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	108	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2304038
Chloride	169	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP6 - SURF
E301128-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	161	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	118	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		101 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	754	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP7 - SURF

E301128-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	338	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	209	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2304038
Chloride	840	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP8 - SURF
E301128-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	0.0424	0.0250	1	01/25/23	01/27/23	
o-Xylene	0.0361	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	0.0713	0.0500	1	01/25/23	01/27/23	
Total Xylenes	0.107	0.0250	1	01/25/23	01/27/23	
Surrogate: 4-Bromochlorobenzene-PID	98.8 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.5 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	2040	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	928	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane	103 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	289	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP9 - SURF

E301128-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0500	2	01/25/23	01/27/23	
Ethylbenzene	0.0731	0.0500	2	01/25/23	01/27/23	
Toluene	0.0914	0.0500	2	01/25/23	01/27/23	
o-Xylene	0.226	0.0500	2	01/25/23	01/27/23	
p,m-Xylene	0.311	0.100	2	01/25/23	01/27/23	
Total Xylenes	0.537	0.0500	2	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	40.0	2	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	6630	50.0	2	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	2330	100	2	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>		110 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	675	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP10 - SURF
E301128-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	6.44	0.500	20	01/25/23	01/27/23	
Ethylbenzene	30.0	0.500	20	01/25/23	01/27/23	
Toluene	67.2	0.500	20	01/25/23	01/27/23	
o-Xylene	39.6	0.500	20	01/25/23	01/27/23	
p,m-Xylene	101	1.00	20	01/25/23	01/27/23	
Total Xylenes	140	0.500	20	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	1330	400	20	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	55100	1250	50	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	18300	2500	50	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	932 %	50-200		01/26/23	01/27/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	4790	40.0	2	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP11 - SURF

E301128-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2304030
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	0.301	0.0250	1	01/25/23	01/27/23	
Toluene	0.0493	0.0250	1	01/25/23	01/27/23	
o-Xylene	0.903	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	1.79	0.0500	1	01/25/23	01/27/23	
Total Xylenes	2.70	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		122 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	62.3	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	6360	50.0	2	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	2260	100	2	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>		132 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2304038
Chloride	135	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP12 - SURF

E301128-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	0.0652	0.0250	1	01/25/23	01/27/23	
Toluene	0.0296	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	783	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	439	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2304038
Chloride	881	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP13 - SURF
E301128-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	0.107	0.0250	1	01/25/23	01/27/23	
Toluene	0.0637	0.0250	1	01/25/23	01/27/23	
o-Xylene	0.259	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	0.468	0.0500	1	01/25/23	01/27/23	
Total Xylenes	0.726	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	121 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	45.9	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.4 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	47.2	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	66.6	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP14 - SURF
E301128-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	0.181	0.0250	1	01/25/23	01/27/23	
Toluene	0.0701	0.0250	1	01/25/23	01/27/23	
o-Xylene	0.155	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	0.0658	0.0500	1	01/25/23	01/27/23	
Total Xylenes	0.221	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	93.5	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	66.8	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	75.9	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP15 - SURF

E301128-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	0.0337	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	226	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	116	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	412	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP16 - SURF
E301128-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	ND	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	81.1	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	74.7	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	328	20.0	1	01/26/23	01/27/23	

Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP17 - SURF
E301128-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	ND	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
Surrogate: 4-Bromochlorobenzene-PID	98.7 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.4 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	89.0	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	69.3	50.0	1	01/26/23	01/27/23	
Surrogate: n-Nonane	102 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	52.3	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP18 - SURF
E301128-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	ND	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
Surrogate: 4-Bromochlorobenzene-PID	96.6 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	297	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	171	50.0	1	01/26/23	01/27/23	
Surrogate: n-Nonane	103 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	172	20.0	1	01/26/23	01/27/23	

Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 1/27/2023 4:24:55PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP19 - SURF
E301128-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	ND	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	707	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	395	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	65.3	20.0	1	01/26/23	01/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
1/27/2023 4:24:55PM

SP20 - SURF

E301128-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Benzene	ND	0.0250	1	01/25/23	01/27/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/27/23	
Toluene	ND	0.0250	1	01/25/23	01/27/23	
o-Xylene	ND	0.0250	1	01/25/23	01/27/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2304030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.3 %	70-130		01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	254	25.0	1	01/26/23	01/27/23	
Oil Range Organics (C28-C36)	201	50.0	1	01/26/23	01/27/23	
<i>Surrogate: n-Nonane</i>	108 %	50-200		01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2304038	
Chloride	82.7	20.0	1	01/26/23	01/27/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/27/2023 4:24:55PM

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 (2304030-BLK1) Prepared: 01/25/23 Analyzed: 01/26/23

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	8.13		8.00		102	70-130			

LCS (2304030-BS1) Prepared: 01/25/23 Analyzed: 01/26/23

Benzene	4.76	0.0250	5.00		95.2	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
Toluene	5.25	0.0250	5.00		105	70-130			
o-Xylene	5.41	0.0250	5.00		108	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			

LCS Dup (2304030-BSD1) Prepared: 01/25/23 Analyzed: 01/26/23

Benzene	4.51	0.0250	5.00		90.1	70-130	5.48	20	
Ethylbenzene	4.96	0.0250	5.00		99.1	70-130	5.50	20	
Toluene	4.96	0.0250	5.00		99.2	70-130	5.70	20	
o-Xylene	5.14	0.0250	5.00		103	70-130	5.12	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	5.48	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	5.36	20	
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/27/2023 4:24:55PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2304030-BLK1) Prepared: 01/25/23 Analyzed: 01/26/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

LCS (2304030-BS2) Prepared: 01/25/23 Analyzed: 01/26/23

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			

LCS Dup (2304030-BSD2) Prepared: 01/25/23 Analyzed: 01/26/23

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130	5.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/27/2023 4:24:55PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2304032-BLK1) Prepared: 01/26/23 Analyzed: 01/26/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.6		50.0		101	50-200			

LCS (2304032-BS1) Prepared: 01/26/23 Analyzed: 01/26/23

Diesel Range Organics (C10-C28)	275	25.0	250		110	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike (2304032-MS1) Source: E301128-05 Prepared: 01/26/23 Analyzed: 01/26/23

Diesel Range Organics (C10-C28)	433	25.0	250	166	107	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			

Matrix Spike Dup (2304032-MSD1) Source: E301128-05 Prepared: 01/26/23 Analyzed: 01/26/23

Diesel Range Organics (C10-C28)	422	25.0	250	166	103	38-132	2.58	20	
Surrogate: n-Nonane	51.1		50.0		102	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/27/2023 4:24:55PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2304038-BLK1)					Prepared: 01/26/23 Analyzed: 01/27/23				
Chloride	ND	20.0							
LCS (2304038-BS1)					Prepared: 01/26/23 Analyzed: 01/27/23				
Chloride	264	20.0	250		106	90-110			
LCS Dup (2304038-BSD1)					Prepared: 01/26/23 Analyzed: 01/27/23				
Chloride	253	20.0	250		101	90-110	4.06	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 16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/27/23 16:24

- 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 2

Client: <u>TAPROCK</u>				Bill To				Lab Use Only				TAT				EPA Program																											
Project: <u>JACKSON 16 H</u>				Attention: <u>ESS</u>				Lab WO# <u>E 301128</u>				Job Number <u>20046-0001</u>				1D	2D	3D	Standard	CWA	SDWA																						
Project Manager:				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				BTX by 8021				VOC by 8260				Metals 6010				Chloride 300.0				BGDOC NM				BGDOC TX							
Phone:				EMAIL TO: <u>Natalie@energystaffingllc.com</u>																																							
Email:				<u>Dakoatah@energystaffingllc.com</u>																																							
Report due by:																																											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															State				Remarks																			
	1/23/23	S	1	SP1- SYRF	1															NM				CO				UT				AZ				TX							
				SP2- SYRF	2																																						
				SP3- SYRF	3																																						
				SP4- SYRF	4																																						
				SP5- SYRF	5																																						
				SP6- SYRF	6																																						
				SP7- SYRF	7																																						
				SP8- SYRF	8																																						
				SP9- SYRF	9																																						
				SP10- SYRF	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: 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) <u>M. Rivera</u>	Date <u>1/23/23</u>	Time	Received by: (Signature) <u>Michelle Cays</u>	Date <u>1-25-23</u>	Time <u>1315</u>	Lab Use Only	
Relinquished by: (Signature) <u>Michelle Cays</u>	Date <u>1-25-23</u>	Time <u>1700</u>	Received by: (Signature) <u>Lorena</u>	Date <u>1-25-23</u>	Time <u>1730</u>	Received on ice: <u>0</u> / N	
Relinquished by: (Signature) <u>Lorena</u>	Date <u>1-25-23</u>	Time <u>235</u>	Received by: (Signature) <u>Carla Chate</u>	Date <u>1/26/23</u>	Time <u>8:25</u>	T1 T2 T3	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						AVG Temp °C <u>4</u>	

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. 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 2

Client: <u>TAPROCK</u>		Bill To		Lab Use Only		TAT		EPA Program						
Project: <u>JACKSON 16H</u>		Attention: <u>ESS</u>		Lab WO# <u>E 301128</u>		Job Number <u>20046-0001</u>		1D	2D	3D	Standard	CWA	SDWA	
Project Manager:		Address: <u>2724 NW COUNTY ROAD</u>							<u>X</u>					
Address:		City, State, Zip <u>HOBBS, NM 88240</u>		Analysis and Method								RCRA		
City, State, Zip		Phone: <u>575-393-9048</u>										State		
Phone:		EMAIL TO: <u>Natalie@energystaffingllc.com</u>										NM		
Email:		<u>Dakoatah@energystaffingllc.com</u>										CO		
Report due by:												UT		
												AZ		
												TX		
												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	BDOC NM	BDOC TX	
	1/23/23	S	1	SP11-54RF	11							X		
				SP12-54RF	12									
				SP13-54RF	13									
				SP14-54RF	14									
				SP15-54RF	15									
				SP16-54RF	16									
				SP17-54RF	17									
				SP18-54RF	18									
				SP19-54RF	19									
				SP20-54RF	20									

Additional Instructions:

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

Sampled by: M. RIVERA R

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: <u>Y / N</u> T1 T2 T3 AVG Temp °C <u>4</u>
<u>M. Rivera R</u>	1/23/23		<u>Miguel Gueles</u>	1-25-23	1315	
<u>Miguel Gueles</u>	1-25-23	1700	<u>Horacio Lei</u>	1-25-23	1730	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Horacio Lei</u>	1-25-23	2315	<u>Carla Chate</u>	1/26/23	8:25	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - OtherContainer 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. 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 _____ be returned to client or disposed of at the client expense. The amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 1/26/2023 9:13:54AM

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:	01/26/23 08:25	Work Order ID:	E301128
Phone:	(575) 390-6397	Date Logged In:	01/25/23 15:53	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	01/27/23 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

Project manager and time sampled not provided on 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? 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

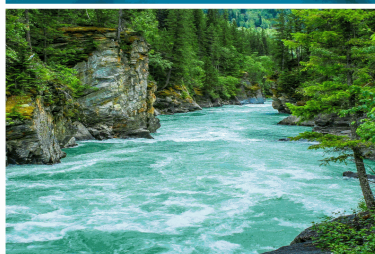
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16H

Work Order: E302017

Job Number: 20046-0001

Received: 2/3/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/6/23

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

Date Reported: 2/6/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16H
Workorder: E302017
Date Received: 2/3/2023 7:40:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2023 7:40:00AM, under the Project Name: Jackson #16H.

The analytical test results summarized in this report with the Project Name: Jackson #16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP 36 - SURF	5
SP 37 - SURF	6
SP 38 - SURF	7
SP 39 - SURF	8
SP 40 - SURF	9
SP 41 - SURF	10
SP 42 - SURF	11
SP 43 - SURF	12
SP 44 - SURF	13
SP 45 - SURF	14
QC Summary Data	15
QC - Volatile Organics by EPA 8021B	15
QC - Nonhalogenated Organics by EPA 8015D - GRO	16
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	18
Definitions and Notes	19
Chain of Custody etc.	20

Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/06/23 15:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 36 - SURF	E302017-01A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 37 - SURF	E302017-02A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 38 - SURF	E302017-03A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 39 - SURF	E302017-04A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 40 - SURF	E302017-05A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 41 - SURF	E302017-06A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 42 - SURF	E302017-07A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 43 - SURF	E302017-08A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 44 - SURF	E302017-09A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.
SP 45 - SURF	E302017-10A	Soil	02/01/23	02/03/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/6/2023 3:35:48PM

SP 36 - SURF

E302017-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	11.2	0.125	5	02/02/23	02/04/23	
Ethylbenzene	26.6	0.125	5	02/02/23	02/04/23	
Toluene	88.5	0.125	5	02/02/23	02/04/23	
o-Xylene	31.3	0.125	5	02/02/23	02/04/23	
p,m-Xylene	80.2	0.250	5	02/02/23	02/04/23	
Total Xylenes	112	0.125	5	02/02/23	02/04/23	
Surrogate: 4-Bromochlorobenzene-PID	110 %	70-130		02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	900	100	5	02/02/23	02/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.7 %	70-130		02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	19400	250	10	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	5180	500	10	02/03/23	02/03/23	
Surrogate: n-Nonane	500 %	50-200		02/03/23	02/03/23	SS
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	243	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 37 - SURF

E302017-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	24.2	0.250	10	02/02/23	02/06/23	
Ethylbenzene	33.9	0.250	10	02/02/23	02/06/23	
Toluene	126	0.250	10	02/02/23	02/06/23	
o-Xylene	38.3	0.250	10	02/02/23	02/06/23	
p,m-Xylene	103	0.500	10	02/02/23	02/06/23	
Total Xylenes	142	0.250	10	02/02/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/02/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	1320	200	10	02/02/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	02/02/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	25300	250	10	02/03/23	02/04/23	
Oil Range Organics (C28-C36)	6550	500	10	02/03/23	02/04/23	
<i>Surrogate: n-Nonane</i>						
		806 %	50-200	02/03/23	02/04/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	413	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 38 - SURF

E302017-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	ND	0.0250	1	02/02/23	02/03/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/03/23	
Toluene	ND	0.0250	1	02/02/23	02/03/23	
o-Xylene	ND	0.0250	1	02/02/23	02/03/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/03/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.2 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	90.8	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>						
		84.4 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	ND	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 39 - SURF

E302017-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	ND	0.125	5	02/02/23	02/06/23	
Ethylbenzene	5.31	0.125	5	02/02/23	02/06/23	
Toluene	0.962	0.125	5	02/02/23	02/06/23	
o-Xylene	9.98	0.125	5	02/02/23	02/06/23	
p,m-Xylene	23.8	0.250	5	02/02/23	02/06/23	
Total Xylenes	33.7	0.125	5	02/02/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		118 %	70-130	02/02/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	415	100	5	02/02/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	02/02/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	15000	250	10	02/03/23	02/04/23	
Oil Range Organics (C28-C36)	4250	500	10	02/03/23	02/04/23	
<i>Surrogate: n-Nonane</i>						
		233 %	50-200	02/03/23	02/04/23	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	73.5	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 40 - SURF

E302017-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305051
Benzene	ND	0.0250	1	02/02/23	02/03/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/03/23	
Toluene	ND	0.0250	1	02/02/23	02/03/23	
o-Xylene	ND	0.0250	1	02/02/23	02/03/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/03/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	1160	50.0	2	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	452	100	2	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>						
		87.6 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305067
Chloride	50.4	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 41 - SURF

E302017-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	ND	0.0250	1	02/02/23	02/03/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/03/23	
Toluene	ND	0.0250	1	02/02/23	02/03/23	
o-Xylene	0.0342	0.0250	1	02/02/23	02/03/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/03/23	
Total Xylenes	0.0342	0.0250	1	02/02/23	02/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	775	50.0	2	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	329	100	2	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>		84.9 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	41.0	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 42 - SURF

E302017-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2305051
Benzene	ND	0.0250	1	02/02/23	02/04/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/04/23	
Toluene	ND	0.0250	1	02/02/23	02/04/23	
o-Xylene	ND	0.0250	1	02/02/23	02/04/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	116	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>						
	87.5 %	50-200		02/03/23	02/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 43 - SURF

E302017-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	ND	0.0250	1	02/02/23	02/04/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/04/23	
Toluene	ND	0.0250	1	02/02/23	02/04/23	
o-Xylene	ND	0.0250	1	02/02/23	02/04/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	34.6	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>						
	88.3 %	50-200		02/03/23	02/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	ND	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 2/6/2023 3:35:48PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 44 - SURF
E302017-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	ND	0.0250	1	02/02/23	02/04/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/04/23	
Toluene	ND	0.0250	1	02/02/23	02/04/23	
o-Xylene	ND	0.0250	1	02/02/23	02/04/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.6 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>						
		87.8 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	ND	20.0	1	02/03/23	02/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/6/2023 3:35:48PM

SP 45 - SURF

E302017-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Benzene	ND	0.0250	1	02/02/23	02/04/23	
Ethylbenzene	ND	0.0250	1	02/02/23	02/04/23	
Toluene	ND	0.0250	1	02/02/23	02/04/23	
o-Xylene	ND	0.0250	1	02/02/23	02/04/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2305064	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/23	02/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
<i>Surrogate: n-Nonane</i>						
		89.4 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305067	
Chloride	ND	20.0	1	02/03/23	02/03/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/6/2023 3:35:48PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2305051-BLK1) Prepared: 02/02/23 Analyzed: 02/03/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		103	70-130			

LCS (2305051-BS1) Prepared: 02/02/23 Analyzed: 02/03/23

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.3	70-130			
Toluene	5.10	0.0250	5.00		102	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			

Matrix Spike (2305051-MS1) Source: E302010-01 Prepared: 02/02/23 Analyzed: 02/03/23

Benzene	4.63	0.0250	5.00	ND	92.6	54-133			
Ethylbenzene	4.71	0.0250	5.00	ND	94.1	61-133			
Toluene	4.80	0.0250	5.00	ND	96.1	61-130			
o-Xylene	4.85	0.0250	5.00	ND	97.1	63-131			
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			

Matrix Spike Dup (2305051-MSD1) Source: E302010-01 Prepared: 02/02/23 Analyzed: 02/03/23

Benzene	4.89	0.0250	5.00	ND	97.9	54-133	5.56	20	
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133	5.27	20	
Toluene	5.07	0.0250	5.00	ND	101	61-130	5.39	20	
o-Xylene	5.13	0.0250	5.00	ND	103	63-131	5.48	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	5.42	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	5.44	20	
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/6/2023 3:35:48PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2305051-BLK1)

Prepared: 02/02/23 Analyzed: 02/03/23

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

LCS (2305051-BS2)

Prepared: 02/02/23 Analyzed: 02/03/23

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.6	70-130			

Matrix Spike (2305051-MS2)

Source: E302010-01 Prepared: 02/02/23 Analyzed: 02/03/23

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

Matrix Spike Dup (2305051-MSD2)

Source: E302010-01 Prepared: 02/02/23 Analyzed: 02/03/23

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	0.0427	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/6/2023 3:35:48PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2305064-BLK1)					Prepared: 02/03/23 Analyzed: 02/03/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			

LCS (2305064-BS1)					Prepared: 02/03/23 Analyzed: 02/03/23				
Diesel Range Organics (C10-C28)	217	25.0	250		87.0	38-132			
Surrogate: n-Nonane	42.2		50.0		84.4	50-200			

Matrix Spike (2305064-MS1)					Source: E302017-10		Prepared: 02/03/23 Analyzed: 02/03/23		
Diesel Range Organics (C10-C28)	240	25.0	250	ND	95.8	38-132			
Surrogate: n-Nonane	44.2		50.0		88.4	50-200			

Matrix Spike Dup (2305064-MSD1)					Source: E302017-10		Prepared: 02/03/23 Analyzed: 02/03/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	3.72	20	
Surrogate: n-Nonane	41.5		50.0		83.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/6/2023 3:35:48PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2305067-BLK1)				Prepared: 02/03/23 Analyzed: 02/03/23					
Chloride	ND	20.0							
LCS (2305067-BS1)				Prepared: 02/03/23 Analyzed: 02/03/23					
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2305067-MS1)				Source: E302017-01		Prepared: 02/03/23 Analyzed: 02/03/23			
Chloride	512	20.0	250	243	108	80-120			
Matrix Spike Dup (2305067-MSD1)				Source: E302017-01		Prepared: 02/03/23 Analyzed: 02/03/23			
Chloride	491	20.0	250	243	99.3	80-120	4.26	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 #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/06/23 15:35

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

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

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



Project Information

Chain of Custody

Page 1 of 1

Client: <u>TopRock</u>					Bill To					Lab Use Only				TAT				EPA Program			
Project: <u>Jackson #16H</u>					Attention: <u>ESS</u>					Lab WO# <u>E302017</u>		Job Number <u>20046-0001</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager:					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 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX										State	
City, State, Zip					Phone: <u>575-393-9048</u>															NM	
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>															Remarks	
Email:					Dakoatah@energystaffingllc.com															X	
Report due by:																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
	02/01/23	S	1	SP 36 - Surf	1																
				SP 37 - Surf	2																
				SP 38 - Surf	3																
				SP 39 - Surf	4																
				SP 40 - Surf	5																
				SP 41 - Surf	6																
				SP 42 - Surf	7																
				SP 43 - Surf	8																
				SP 44 - Surf	9																
	02/01/23	S	1	SP 45 - Surf	10																

Additional Instructions:

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

Sampled by: 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: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
<u>Juan Solis</u>	02/01/23		<u>Michelle Cuyuk</u>	2-2-23	1330	
<u>Michelle Cuyuk</u>	2-2-23	1645	<u>Lorena Rei</u>	2-2-23	1645	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Lorena Rei</u>	2-2-23	2230	<u>Jane Zozzi</u>	02/03/23	7:40	

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

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

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

Envirotech Analytical Laboratory

Printed: 2/3/2023 9:49:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	02/03/23 07:40	Work Order ID:	E302017
Phone:	(575) 390-6397	Date Logged In:	02/02/23 16:24	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/06/23 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

Project manager and time sampled not provided on 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? 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

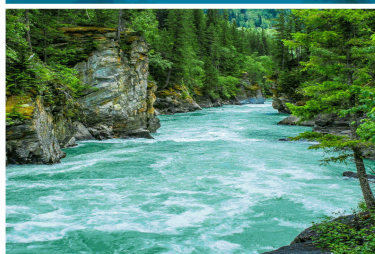
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16H

Work Order: E302021

Job Number: 20046-0001

Received: 2/4/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/7/23

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

Date Reported: 2/7/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16H
Workorder: E302021
Date Received: 2/4/2023 6:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/4/2023 6:30:00AM, under the Project Name: Jackson #16H.

The analytical test results summarized in this report with the Project Name: Jackson #16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW 1 - SURF	5
SW 2 - SURF	6
SW 3 - SURF	7
SW 4 - SURF	8
SW 5 - SURF	9
SW 6 - SURF	10
SW 7 - SURF	11
SW 8 - SURF	12
SW 9 - SURF	13
SW 10 - SURF	14
QC Summary Data	15
QC - Volatile Organics by EPA 8021B	15
QC - Nonhalogenated Organics by EPA 8015D - GRO	16
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	18
Definitions and Notes	19
Chain of Custody etc.	20

Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/07/23 11:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 1 - SURF	E302021-01A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 2 - SURF	E302021-02A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 3 - SURF	E302021-03A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 4 - SURF	E302021-04A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 5 - SURF	E302021-05A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 6 - SURF	E302021-06A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 7 - SURF	E302021-07A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 8 - SURF	E302021-08A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 9 - SURF	E302021-09A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SW 10 - SURF	E302021-10A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 11:43:45AM

SW 1 - SURF

E302021-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	74.5	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	50.1	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>		98.1 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	26.5	20.0	1	02/04/23	02/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 2 - SURF

E302021-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 3 - SURF

E302021-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305071
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306002
Diesel Range Organics (C10-C28)	56.5	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		98.8 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305072
Chloride	444	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 4 - SURF

E302021-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.1 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		96.8 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 5 - SURF

E302021-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	0.0487	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		94.4 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 6 - SURF

E302021-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.8 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		97.0 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 7 - SURF

E302021-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.3 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		97.5 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 8 - SURF

E302021-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.5 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	74.7	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	52.5	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 9 - SURF

E302021-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		96.5 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 11:43:45AM

SW 10 - SURF

E302021-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
<i>Surrogate: n-Nonane</i>						
		95.2 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 11:43:45AM

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 (2305071-BLK1) Prepared: 02/04/23 Analyzed: 02/06/23

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	8.28		8.00		103	70-130			

LCS (2305071-BS1) Prepared: 02/04/23 Analyzed: 02/06/23

Benzene	4.70	0.0250	5.00		94.0	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.5	70-130			
Toluene	4.89	0.0250	5.00		97.7	70-130			
o-Xylene	4.93	0.0250	5.00		98.7	70-130			
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			

LCS Dup (2305071-BSD1) Prepared: 02/04/23 Analyzed: 02/06/23

Benzene	4.75	0.0250	5.00		94.9	70-130	0.991	20	
Ethylbenzene	4.82	0.0250	5.00		96.5	70-130	1.03	20	
Toluene	4.93	0.0250	5.00		98.5	70-130	0.814	20	
o-Xylene	4.98	0.0250	5.00		99.5	70-130	0.882	20	
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130	0.867	20	
Total Xylenes	14.8	0.0250	15.0		98.3	70-130	0.872	20	
Surrogate: 4-Bromochlorobenzene-PID	8.37		8.00		105	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 11:43:45AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2305071-BLK1) Prepared: 02/04/23 Analyzed: 02/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

LCS (2305071-BS2) Prepared: 02/04/23 Analyzed: 02/06/23

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

LCS Dup (2305071-BSD2) Prepared: 02/04/23 Analyzed: 02/06/23

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.7	70-130	3.50	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 11:43:45AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2306002-BLK1)					Prepared: 02/06/23 Analyzed: 02/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.1		50.0		112	50-200			

LCS (2306002-BS1)					Prepared: 02/06/23 Analyzed: 02/06/23				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			

Matrix Spike (2306002-MS1)					Source: E302021-10		Prepared: 02/06/23 Analyzed: 02/06/23		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	40.5		50.0		81.1	50-200			

Matrix Spike Dup (2306002-MSD1)					Source: E302021-10		Prepared: 02/06/23 Analyzed: 02/06/23		
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132	3.52	20	
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 11:43:45AM

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 (2305072-BLK1)					Prepared: 02/04/23 Analyzed: 02/04/23				
Chloride	ND	20.0							
LCS (2305072-BS1)					Prepared: 02/04/23 Analyzed: 02/04/23				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2305072-MS1)					Source: E302021-01		Prepared: 02/04/23 Analyzed: 02/05/23		
Chloride	274	20.0	250	26.5	99.0	80-120			
Matrix Spike Dup (2305072-MSD1)					Source: E302021-01		Prepared: 02/04/23 Analyzed: 02/05/23		
Chloride	293	20.0	250	26.5	107	80-120	6.70	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 #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/07/23 11:43

- 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 4 of 4

Client: **JALROCK**
 Project: **Jackson HIGH**
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only
 Lab WO# **E 302021** Job Number **20046-0001**
 Analysis and Method
 TAT
 1D 2D 3D Standard
 EPA Program
 CWA SDWA
 RCRA

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	BDOC NM	BDOC TX	Remarks
	02/02/23	S	1	SW 1 - SURF	1							X		
				SW 2 - SURF	2									
				SW 3 - SURF	3									
				SW 4 - SURF	4									
				SW 5 - SURF	5									
				SW 6 - SURF	6									
				SW 7 - SURF	7									
				SW 8 - SURF	8									
				SW 9 - SURF	9									
	02/04/23	S	1	SW 10 - SURF	10							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.

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) Juan Solis	Date 02/02/23	Time	Received by: (Signature) Michelle Cuyah	Date 2-3-23	Time 1220	Lab Use Only Received on ice: Y / N
Relinquished by: (Signature) Michelle Cuyah	Date 2-3-23	Time 1630	Received by: (Signature) Lozano Lei	Date 2-3-23	Time 1715	T1 T2 T3
Relinquished by: (Signature) Lozano Lei	Date 2-3-23	Time 2315	Received by: (Signature) Dene Zibbi	Date 2/4/23	Time 6:30	AVG Temp °C 4.0

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

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

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

Envirotech Analytical Laboratory

Printed: 2/6/2023 9:00:35AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	02/04/23 06:30	Work Order ID:	E302021
Phone:	(575) 390-6397	Date Logged In:	02/03/23 15:53	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/07/23 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

Project manager and time sampled not provided on 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?	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



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16H

Work Order: E302022

Job Number: 20046-0001

Received: 2/4/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/7/23

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

Date Reported: 2/7/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16H
Workorder: E302022
Date Received: 2/4/2023 6:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/4/2023 6:30:00AM, under the Project Name: Jackson #16H.

The analytical test results summarized in this report with the Project Name: Jackson #16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP 46 - SURF	5
SP 47 - SURF	6
SP 48 - SURF	7
SP 49 - SURF	8
SP 50 - SURF	9
QC Summary Data	10
QC - Volatile Organic Compounds by EPA 8260B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/07/23 12:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 46 - SURF	E302022-01A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SP 47 - SURF	E302022-02A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SP 48 - SURF	E302022-03A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SP 49 - SURF	E302022-04A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.
SP 50 - SURF	E302022-05A	Soil	02/02/23	02/04/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson #16H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 2/7/2023 12:31:45PM
---	--	---

SP 46 - SURF

E302022-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305070
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2305070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306002
Diesel Range Organics (C10-C28)	151	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	83.3	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane	99.9 %	50-200		02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2305073
Chloride	ND	20.0	1	02/04/23	02/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 12:31:45PM

SP 47 - SURF

E302022-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306002	
Diesel Range Organics (C10-C28)	98.9	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	52.2	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane	100 %	50-200		02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305073	
Chloride	ND	20.0	1	02/04/23	02/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 12:31:45PM

SP 48 - SURF

E302022-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane	104 %	50-200		02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305073	
Chloride	ND	20.0	1	02/04/23	02/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 12:31:45PM

SP 49 - SURF

E302022-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	101 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306002	
Diesel Range Organics (C10-C28)	80.6	25.0	1	02/06/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/07/23	
Surrogate: n-Nonane	99.4 %	50-200		02/06/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305073	
Chloride	ND	20.0	1	02/04/23	02/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/7/2023 12:31:45PM

SP 50 - SURF

E302022-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Benzene	ND	0.0250	1	02/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23	
Toluene	ND	0.0250	1	02/04/23	02/06/23	
o-Xylene	ND	0.0250	1	02/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	102 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2305070	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		02/04/23	02/06/23	
Surrogate: Toluene-d8	102 %	70-130		02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306002	
Diesel Range Organics (C10-C28)	28.1	25.0	1	02/06/23	02/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane	87.4 %	50-200		02/06/23	02/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2305073	
Chloride	ND	20.0	1	02/04/23	02/04/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 12:31:45PM

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 (2305070-BLK1) Prepared: 02/04/23 Analyzed: 02/04/23

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	0.452		0.500		90.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS (2305070-BS1) Prepared: 02/04/23 Analyzed: 02/04/23

Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.61	0.0250	2.50		104	70-130			
o-Xylene	2.68	0.0250	2.50		107	70-130			
p,m-Xylene	5.13	0.0500	5.00		103	70-130			
Total Xylenes	7.82	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS Dup (2305070-BSD1) Prepared: 02/04/23 Analyzed: 02/04/23

Benzene	2.47	0.0250	2.50		98.9	70-130	3.03	23	
Ethylbenzene	2.49	0.0250	2.50		99.5	70-130	1.58	27	
Toluene	2.54	0.0250	2.50		102	70-130	2.43	24	
o-Xylene	2.62	0.0250	2.50		105	70-130	2.28	27	
p,m-Xylene	5.03	0.0500	5.00		101	70-130	1.95	27	
Total Xylenes	7.66	0.0250	7.50		102	70-130	2.06	27	
Surrogate: Bromofluorobenzene	0.467		0.500		93.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 12:31:45PM

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 (2305070-BLK1) Prepared: 02/04/23 Analyzed: 02/04/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.452		0.500		90.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS (2305070-BS2) Prepared: 02/04/23 Analyzed: 02/04/23

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.463		0.500		92.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS Dup (2305070-BSD2) Prepared: 02/04/23 Analyzed: 02/04/23

Gasoline Range Organics (C6-C10)	59.0	20.0	50.0		118	70-130	4.92	20	
Surrogate: Bromofluorobenzene	0.457		0.500		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 12:31:45PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

Blank (2306002-BLK1)					Prepared: 02/06/23 Analyzed: 02/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.1		50.0		112	50-200			

LCS (2306002-BS1)					Prepared: 02/06/23 Analyzed: 02/06/23				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			

Matrix Spike (2306002-MS1)					Source: E302021-10		Prepared: 02/06/23 Analyzed: 02/06/23		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	40.5		50.0		81.1	50-200			

Matrix Spike Dup (2306002-MSD1)					Source: E302021-10		Prepared: 02/06/23 Analyzed: 02/06/23		
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132	3.52	20	
Surrogate: n-Nonane	42.5		50.0		84.9	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2023 12:31:45PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2305073-BLK1)					Prepared: 02/04/23 Analyzed: 02/04/23				
Chloride	ND	20.0							
LCS (2305073-BS1)					Prepared: 02/04/23 Analyzed: 02/04/23				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2305073-MS1)					Source: E302019-01		Prepared: 02/04/23 Analyzed: 02/04/23		
Chloride	270	20.0	250	27.7	96.9	80-120			
Matrix Spike Dup (2305073-MSD1)					Source: E302019-01		Prepared: 02/04/23 Analyzed: 02/04/23		
Chloride	269	20.0	250	27.7	96.7	80-120	0.205	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 #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/07/23 12:31

- 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 L of 1

Client: TC PRODU
 Project: Jacuson #16H
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only
 Lab WO# E 302022 Job Number 20046-0001
 TAT
 1D 2D 3D Standard
 X

EPA Program

CWA SDWA

RCRA

State

NM CO UT AZ TX

X

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 30010	BGDOC NM	BGDOC TX	Remarks
	02/02/23	S	1	SP 46 - SUBF	1							X		
				SP 47 - SUBF	2									
				SP 48 - SUBF	3									
				SP 49 - SUBF	4									
	02/02/23	S	1	SP 50 - SUBF	5							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) <u>Juan Solis</u>	Date <u>02/02/23</u>	Time	Received by: (Signature) <u>Michelle Cuyals</u>	Date <u>2-3-23</u>	Time <u>1220</u>	Lab Use Only Received on ice: <u>Y</u> / N
Relinquished by: (Signature) <u>Michelle Cuyals</u>	Date <u>2-3-23</u>	Time <u>1630</u>	Received by: (Signature) <u>Lorencelei</u>	Date <u>2-3-23</u>	Time <u>1715</u>	T1 T2 T3
Relinquished by: (Signature) <u>Lorencelei</u>	Date <u>2-3-23</u>	Time <u>2315</u>	Received by: (Signature) <u>Juan Solis</u>	Date <u>2/4/23</u>	Time <u>6:30</u>	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 of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/6/2023 9:03:05AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	02/04/23 06:30	Work Order ID:	E302022
Phone:	(575) 390-6397	Date Logged In:	02/03/23 15:55	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/07/23 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

Project manager and time sampled not provided on 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? 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

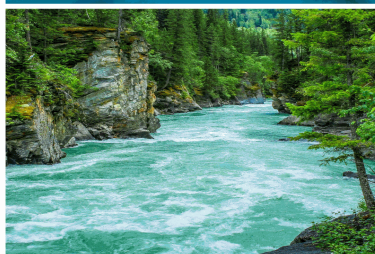
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16H

Work Order: E302029

Job Number: 20046-0001

Received: 2/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/23

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

Date Reported: 2/8/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16H
Workorder: E302029
Date Received: 2/7/2023 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/7/2023 8:15:00AM, under the Project Name: Jackson #16H.

The analytical test results summarized in this report with the Project Name: Jackson #16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW 11 - SURF	5
SW 12 - SURF	6
SW 13 - SURF	7
SW 14 - SURF	8
SW 15 - SURF	9
SW 16 - SURF	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/08/23 14:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 11 - SURF	E302029-01A	Soil	02/03/23	02/07/23	Glass Jar, 2 oz.
SW 12 - SURF	E302029-02A	Soil	02/03/23	02/07/23	Glass Jar, 2 oz.
SW 13 - SURF	E302029-03A	Soil	02/03/23	02/07/23	Glass Jar, 2 oz.
SW 14 - SURF	E302029-04A	Soil	02/03/23	02/07/23	Glass Jar, 2 oz.
SW 15 - SURF	E302029-05A	Soil	02/03/23	02/07/23	Glass Jar, 2 oz.
SW 16 - SURF	E302029-06A	Soil	02/03/23	02/07/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/8/2023 2:47:38PM

SW 11 - SURF

E302029-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306019
Benzene	ND	0.0250	1	02/07/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/07/23	02/07/23	
Toluene	ND	0.0250	1	02/07/23	02/07/23	
o-Xylene	ND	0.0250	1	02/07/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/07/23	02/07/23	
Surrogate: 4-Bromochlorobenzene-PID	106 %	70-130		02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2306019
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.7 %	70-130		02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306023
Diesel Range Organics (C10-C28)	28.9	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane	107 %	50-200		02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306031
Chloride	ND	20.0	1	02/07/23	02/07/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/8/2023 2:47:38PM

SW 12 - SURF

E302029-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Benzene	ND	0.0250	1	02/07/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/07/23	02/07/23	
Toluene	ND	0.0250	1	02/07/23	02/07/23	
o-Xylene	ND	0.0250	1	02/07/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/07/23	02/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	104 %	70-130		02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306023	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		02/07/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306031	
Chloride	200	20.0	1	02/07/23	02/07/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/8/2023 2:47:38PM

SW 13 - SURF

E302029-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Benzene	ND	0.0250	1	02/07/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/07/23	02/07/23	
Toluene	ND	0.0250	1	02/07/23	02/07/23	
o-Xylene	ND	0.0250	1	02/07/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/07/23	02/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306023	
Diesel Range Organics (C10-C28)	33.2	25.0	1	02/07/23	02/08/23	
Oil Range Organics (C28-C36)	51.2	50.0	1	02/07/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306031	
Chloride	ND	20.0	1	02/07/23	02/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/8/2023 2:47:38PM

SW 14 - SURF

E302029-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Benzene	ND	0.0250	1	02/07/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/07/23	02/07/23	
Toluene	ND	0.0250	1	02/07/23	02/07/23	
o-Xylene	ND	0.0250	1	02/07/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/07/23	02/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.7 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306023	
Diesel Range Organics (C10-C28)	58.3	25.0	1	02/07/23	02/08/23	
Oil Range Organics (C28-C36)	53.7	50.0	1	02/07/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306031	
Chloride	41.5	20.0	1	02/07/23	02/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/8/2023 2:47:38PM

SW 15 - SURF

E302029-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Benzene	ND	0.0250	1	02/07/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/07/23	02/07/23	
Toluene	ND	0.0250	1	02/07/23	02/07/23	
o-Xylene	ND	0.0250	1	02/07/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/07/23	02/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306023	
Diesel Range Organics (C10-C28)	165	25.0	1	02/07/23	02/08/23	
Oil Range Organics (C28-C36)	137	50.0	1	02/07/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306031	
Chloride	805	20.0	1	02/07/23	02/08/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 2/8/2023 2:47:38PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 16 - SURF
E302029-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Benzene	ND	0.0250	1	02/07/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/07/23	02/07/23	
Toluene	ND	0.0250	1	02/07/23	02/07/23	
o-Xylene	ND	0.0250	1	02/07/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/07/23	02/07/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306023	
Diesel Range Organics (C10-C28)	47.4	25.0	1	02/07/23	02/08/23	
Oil Range Organics (C28-C36)	72.9	50.0	1	02/07/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306031	
Chloride	31.7	20.0	1	02/07/23	02/08/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/8/2023 2:47:38PM

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 (2306019-BLK1)Prepared: 02/07/23 Analyzed: 02/07/23

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	8.43		8.00		105	70-130			

LCS (2306019-BS1)Prepared: 02/07/23 Analyzed: 02/08/23

Benzene	4.46	0.0250	5.00		89.3	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.65	0.0250	5.00		92.9	70-130			
o-Xylene	4.77	0.0250	5.00		95.3	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	14.0	0.0250	15.0		93.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

Matrix Spike (2306019-MS1)Source: E302029-01Prepared: 02/07/23 Analyzed: 02/07/23

Benzene	4.68	0.0250	5.00	ND	93.6	54-133			
Ethylbenzene	4.72	0.0250	5.00	ND	94.5	61-133			
Toluene	4.84	0.0250	5.00	ND	96.9	61-130			
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131			
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			

Matrix Spike Dup (2306019-MSD1)Source: E302029-01Prepared: 02/07/23 Analyzed: 02/07/23

Benzene	5.54	0.0250	5.00	ND	111	54-133	16.8	20	
Ethylbenzene	5.60	0.0250	5.00	ND	112	61-133	16.9	20	
Toluene	5.73	0.0250	5.00	ND	115	61-130	16.8	20	
o-Xylene	5.76	0.0250	5.00	ND	115	63-131	16.6	20	
p,m-Xylene	11.4	0.0500	10.0	ND	114	63-131	17.0	20	
Total Xylenes	17.1	0.0250	15.0	ND	114	63-131	16.8	20	
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/8/2023 2:47:38PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2306019-BLK1)

Prepared: 02/07/23 Analyzed: 02/07/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.5	70-130			

LCS (2306019-BS2)

Prepared: 02/07/23 Analyzed: 02/07/23

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			

Matrix Spike (2306019-MS2)

Source: E302029-01 Prepared: 02/07/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			

Matrix Spike Dup (2306019-MSD2)

Source: E302029-01 Prepared: 02/07/23 Analyzed: 02/07/23

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130	5.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/8/2023 2:47:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

Blank (2306023-BLK1)					Prepared: 02/07/23 Analyzed: 02/07/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			

LCS (2306023-BS1)					Prepared: 02/07/23 Analyzed: 02/07/23				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	51.9		50.0		104	50-200			

Matrix Spike (2306023-MS1)					Source: E302028-05		Prepared: 02/07/23 Analyzed: 02/07/23		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike Dup (2306023-MSD1)					Source: E302028-05		Prepared: 02/07/23 Analyzed: 02/07/23		
Diesel Range Organics (C10-C28)	256	25.0	250	ND	103	38-132	1.08	20	
Surrogate: n-Nonane	51.2		50.0		102	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/8/2023 2:47:38PM

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 (2306031-BLK1)					Prepared: 02/07/23 Analyzed: 02/07/23				
Chloride	ND	20.0							
LCS (2306031-BS1)					Prepared: 02/07/23 Analyzed: 02/07/23				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2306031-MS1)					Source: E302028-01		Prepared: 02/07/23 Analyzed: 02/07/23		
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2306031-MSD1)					Source: E302028-01		Prepared: 02/07/23 Analyzed: 02/07/23		
Chloride	268	20.0	250	ND	107	80-120	1.46	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 #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/08/23 14:47

- 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.



Released to: Imvicta, 6/13/2024 5:20:26 PM

Received by OCD: 5/22/2024 10:23:53 AM

Project Information

Chain of Custody

Client: TapRock
Project: Scusson #164
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

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

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 302029</u>	<u>20046-0001</u>		<input checked="" type="checkbox"/>				
Analysis and Method						RCRA	
DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State	
						NM	CO
						<input checked="" type="checkbox"/>	
						UT	AZ
						TX	
						Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
	02/03/23	S	1	SW 11 - SUGF	1
				SW 12 - SUGF	2
				SW 13 - SUGF	3
				SW 14 - SUGF	4
				SW 15 - SUGF	5
	02/03/23	S	1	SW 16 - SUGF	6

Additional Instructions:

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

Relinquished by: (Signature) <u>Juan Solis</u>	Date <u>02/03/23</u>	Time	Received by: (Signature) <u>Michelle Cuyals</u>	Date <u>2-6-23</u>	Time <u>1030</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 Cuyals</u>	Date <u>2-6-23</u>	Time <u>11:15</u>	Received by: (Signature) <u>Lorena Feri</u>	Date <u>2-6-23</u>	Time <u>1700</u>	
Relinquished by: (Signature) <u>Lorena Feri</u>	Date <u>2-6-23</u>	Time <u>2300</u>	Received by: (Signature) <u>Carla Chito</u>	Date <u>2/7/23</u>	Time <u>8:15</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.

Page 228 of 699

Envirotech Analytical Laboratory

Printed: 2/7/2023 8:45:53AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	02/07/23 08:15	Work Order ID:	E302029
Phone:	(575) 390-6397	Date Logged In:	02/06/23 14:06	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/08/23 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

Project manager and time sampled not provided on 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?	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

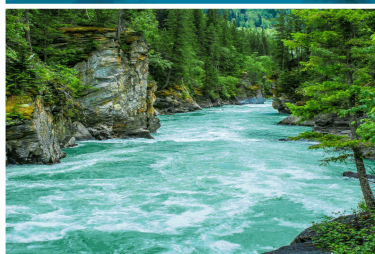
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16H

Work Order: E302037

Job Number: 20046-0001

Received: 2/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/9/23

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: 2/9/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16H
Workorder: E302037
Date Received: 2/8/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/8/2023 7:00:00AM, under the Project Name: Jackson #16H.

The analytical test results summarized in this report with the Project Name: Jackson #16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP 1-14'	5
SP 2-18'	6
SP 3-14'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/09/23 14:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1-14'	E302037-01A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SP 2-18'	E302037-02A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SP 3-14'	E302037-03A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/9/2023 2:44:20PM

SP 1-14'

E302037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2306039
Benzene	ND	0.0250	1	02/08/23	02/08/23	
Ethylbenzene	ND	0.0250	1	02/08/23	02/08/23	
Toluene	ND	0.0250	1	02/08/23	02/08/23	
o-Xylene	ND	0.0250	1	02/08/23	02/08/23	
p,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2306039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2306044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/23	02/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/23	02/08/23	
<i>Surrogate: n-Nonane</i>		78.6 %	50-200	02/08/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2306047
Chloride	264	20.0	1	02/08/23	02/08/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
2/9/2023 2:44:20PM

SP 2-18'

E302037-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306039	
Benzene	ND	0.0250	1	02/08/23	02/08/23	
Ethylbenzene	ND	0.0250	1	02/08/23	02/08/23	
Toluene	ND	0.0250	1	02/08/23	02/08/23	
o-Xylene	ND	0.0250	1	02/08/23	02/08/23	
p,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/23	02/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
		80.8 %	50-200	02/08/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306047	
Chloride	49.0	20.0	1	02/08/23	02/08/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 2/9/2023 2:44:20PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 3-14'

E302037-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306039	
Benzene	ND	0.0250	1	02/08/23	02/08/23	
Ethylbenzene	ND	0.0250	1	02/08/23	02/08/23	
Toluene	ND	0.0250	1	02/08/23	02/08/23	
o-Xylene	ND	0.0250	1	02/08/23	02/08/23	
p,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2306039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306044	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/23	02/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/23	02/08/23	
<i>Surrogate: n-Nonane</i>						
	81.9 %	50-200		02/08/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306047	
Chloride	46.9	20.0	1	02/08/23	02/08/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/9/2023 2:44:20PM

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 (2306039-BLK1)Prepared: 02/08/23 Analyzed: 02/08/23

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: 4-Bromochlorobenzene-PID	8.45		8.00		106	70-130			

LCS (2306039-BS1)Prepared: 02/08/23 Analyzed: 02/08/23

Benzene	4.80	0.0250	5.00		96.1	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.2	70-130			
Toluene	4.97	0.0250	5.00		99.3	70-130			
o-Xylene	4.98	0.0250	5.00		99.5	70-130			
p,m-Xylene	9.85	0.0500	10.0		98.5	70-130			
Total Xylenes	14.8	0.0250	15.0		98.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	70-130			

Matrix Spike (2306039-MS1)Source: E302036-02Prepared: 02/08/23 Analyzed: 02/08/23

Benzene	4.55	0.0250	5.00	ND	91.0	54-133			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	61-133			
Toluene	4.70	0.0250	5.00	ND	94.0	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.1	63-131			
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			

Matrix Spike Dup (2306039-MSD1)Source: E302036-02Prepared: 02/08/23 Analyzed: 02/08/23

Benzene	4.79	0.0250	5.00	ND	95.7	54-133	5.02	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.7	61-133	5.03	20	
Toluene	4.94	0.0250	5.00	ND	98.9	61-130	4.98	20	
o-Xylene	4.95	0.0250	5.00	ND	99.1	63-131	5.12	20	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	63-131	4.97	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.3	63-131	5.02	20	
Surrogate: 4-Bromochlorobenzene-PID	8.46		8.00		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/9/2023 2:44:20PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2306039-BLK1) Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			

LCS (2306039-BS2) Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		101	70-130			

Matrix Spike (2306039-MS2) Source: E302036-02 Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike Dup (2306039-MSD2) Source: E302036-02 Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	1.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.8	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/9/2023 2:44:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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

Blank (2306044-BLK1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			

LCS (2306044-BS1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Diesel Range Organics (C10-C28)	208	25.0	250		83.3	38-132			
Surrogate: n-Nonane	43.1		50.0		86.1	50-200			

Matrix Spike (2306044-MS1)					Source: E302038-05		Prepared: 02/08/23 Analyzed: 02/08/23		
Diesel Range Organics (C10-C28)	208	25.0	250	ND	83.2	38-132			
Surrogate: n-Nonane	40.6		50.0		81.3	50-200			

Matrix Spike Dup (2306044-MSD1)					Source: E302038-05		Prepared: 02/08/23 Analyzed: 02/08/23		
Diesel Range Organics (C10-C28)	210	25.0	250	ND	84.1	38-132	1.02	20	
Surrogate: n-Nonane	41.6		50.0		83.3	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/9/2023 2:44:20PM

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 (2306047-BLK1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Chloride	ND	20.0							
LCS (2306047-BS1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Chloride	244	20.0	250		97.5	90-110			
Matrix Spike (2306047-MS1)					Source: E302035-21		Prepared: 02/08/23 Analyzed: 02/08/23		
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2306047-MSD1)					Source: E302035-21		Prepared: 02/08/23 Analyzed: 02/08/23		
Chloride	276	20.0	250	ND	110	80-120	4.17	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 #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/09/23 14:44

- 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.





Envirotech Analytical Laboratory

Printed: 2/8/2023 11:23:24AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	02/08/23 07:00	Work Order ID:	E302037
Phone:	(575) 390-6397	Date Logged In:	02/07/23 18:46	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	02/09/23 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/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Report to:
Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16H

Work Order: E304174

Job Number: 20046-0001

Received: 4/25/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/26/23

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

Date Reported: 4/26/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 16H
Workorder: E304174
Date Received: 4/25/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/25/2023 7:00:00AM, under the Project Name: Jackson 16H.

The analytical test results summarized in this report with the Project Name: Jackson 16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP 8 - 4'	5
SP 9 - 4'	6
SP 12 - 4'	7
SP 13 - 4'	8
SP 14 - 4'	9
SP 15 - 4'	10
SP 16 - 4'	11
SP 17 - 4'	12
SP 18 - 4'	13
SP 19 - 4'	14
QC Summary Data	15
QC - Volatile Organics by EPA 8021B	15
QC - Nonhalogenated Organics by EPA 8015D - GRO	16
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	17
QC - Anions by EPA 300.0/9056A	18
Definitions and Notes	19
Chain of Custody etc.	20

Sample Summary

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/26/23 14:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 8 - 4'	E304174-01A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 9 - 4'	E304174-02A	Soil	04/21/23	04/25/23	Glass Jar, 4 oz.
SP 12 - 4'	E304174-03A	Soil	04/21/23	04/25/23	Glass Jar, 4 oz.
SP 13 - 4'	E304174-04A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 14 - 4'	E304174-05A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 15 - 4'	E304174-06A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 16 - 4'	E304174-07A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 17 - 4'	E304174-08A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 18 - 4'	E304174-09A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
SP 19 - 4'	E304174-10A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.

Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson 16H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 4/26/2023 2:53:13PM
---	---	---

SP 8 - 4'

E304174-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.6 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.6 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23	
<i>Surrogate: n-Nonane</i>	102 %	50-200		04/25/23	04/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2317027	
Chloride	ND	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 9 - 4'

E304174-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		04/25/23	04/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2317027	
Chloride	ND	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 12 - 4'

E304174-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		04/25/23	04/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2317027	
Chloride	ND	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 13 - 4'

E304174-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23	
<i>Surrogate: n-Nonane</i>						
	94.5 %	50-200		04/25/23	04/25/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 14 - 4'

E304174-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
<i>Surrogate: n-Nonane</i>						
	97.9 %	50-200		04/25/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 4/26/2023 2:53:13PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 15 - 4'

E304174-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.1 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.8 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
<i>Surrogate: n-Nonane</i>	97.5 %	50-200		04/25/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2317027	
Chloride	30.4	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 4/26/2023 2:53:13PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 16 - 4'

E304174-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
Surrogate: 4-Bromochlorobenzene-PID	93.4 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.8 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
Surrogate: n-Nonane	91.9 %	50-200		04/25/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2317027	
Chloride	218	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 17 - 4'

E304174-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		04/25/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2317027	
Chloride	ND	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 18 - 4'

E304174-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
<i>Surrogate: n-Nonane</i>						
	90.0 %	50-200		04/25/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317027
Chloride	25.4	20.0	1	04/25/23	04/25/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/26/2023 2:53:13PM

SP 19 - 4'

E304174-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Benzene	ND	0.0250	1	04/25/23	04/25/23	
Ethylbenzene	ND	0.0250	1	04/25/23	04/25/23	
Toluene	ND	0.0250	1	04/25/23	04/25/23	
o-Xylene	ND	0.0250	1	04/25/23	04/25/23	
p,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		04/25/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317027
Chloride	26.9	20.0	1	04/25/23	04/25/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/26/2023 2:53:13PM

Volatile Organics by EPA 8021B

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317015-BLK1) Prepared: 04/25/23 Analyzed: 04/25/23

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	7.43		8.00		92.9	70-130			

LCS (2317015-BS1) Prepared: 04/25/23 Analyzed: 04/25/23

Benzene	4.17	0.0250	5.00		83.5	70-130			
Ethylbenzene	4.29	0.0250	5.00		85.7	70-130			
Toluene	4.36	0.0250	5.00		87.1	70-130			
o-Xylene	4.41	0.0250	5.00		88.2	70-130			
p,m-Xylene	8.73	0.0500	10.0		87.3	70-130			
Total Xylenes	13.1	0.0250	15.0		87.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			

Matrix Spike (2317015-MS1) Source: E304174-02 Prepared: 04/25/23 Analyzed: 04/25/23

Benzene	4.29	0.0250	5.00	ND	85.8	54-133			
Ethylbenzene	4.42	0.0250	5.00	ND	88.5	61-133			
Toluene	4.49	0.0250	5.00	ND	89.8	61-130			
o-Xylene	4.55	0.0250	5.00	ND	90.9	63-131			
p,m-Xylene	9.01	0.0500	10.0	ND	90.1	63-131			
Total Xylenes	13.6	0.0250	15.0	ND	90.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.3	70-130			

Matrix Spike Dup (2317015-MSD1) Source: E304174-02 Prepared: 04/25/23 Analyzed: 04/25/23

Benzene	4.35	0.0250	5.00	ND	86.9	54-133	1.32	20	
Ethylbenzene	4.49	0.0250	5.00	ND	89.8	61-133	1.54	20	
Toluene	4.55	0.0250	5.00	ND	91.1	61-130	1.42	20	
o-Xylene	4.60	0.0250	5.00	ND	92.1	63-131	1.24	20	
p,m-Xylene	9.15	0.0500	10.0	ND	91.5	63-131	1.56	20	
Total Xylenes	13.8	0.0250	15.0	ND	91.7	63-131	1.45	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/26/2023 2:53:13PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317015-BLK1) Prepared: 04/25/23 Analyzed: 04/25/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2317015-BS2) Prepared: 04/25/23 Analyzed: 04/25/23

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

Matrix Spike (2317015-MS2) Source: E304174-02 Prepared: 04/25/23 Analyzed: 04/25/23

Gasoline Range Organics (C6-C10)	40.9	20.0	50.0	ND	81.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike Dup (2317015-MSD2) Source: E304174-02 Prepared: 04/25/23 Analyzed: 04/25/23

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	ND	87.5	70-130	6.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/26/2023 2:53:13PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317017-BLK1)					Prepared: 04/25/23 Analyzed: 04/25/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	50-200			

LCS (2317017-BS1)					Prepared: 04/25/23 Analyzed: 04/25/23				
Diesel Range Organics (C10-C28)	244	25.0	250		97.7	38-132			
Surrogate: n-Nonane	45.3		50.0		90.5	50-200			

Matrix Spike (2317017-MS1)					Source: E304174-10		Prepared: 04/25/23 Analyzed: 04/25/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	44.4		50.0		88.7	50-200			

Matrix Spike Dup (2317017-MSD1)					Source: E304174-10		Prepared: 04/25/23 Analyzed: 04/25/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	0.138	20	
Surrogate: n-Nonane	44.9		50.0		89.7	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/26/2023 2:53:13PM

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 (2317027-BLK1)					Prepared: 04/25/23 Analyzed: 04/25/23				
Chloride	ND	20.0							
LCS (2317027-BS1)					Prepared: 04/25/23 Analyzed: 04/25/23				
Chloride	242	20.0	250		96.9	90-110			
Matrix Spike (2317027-MS1)					Source: E304111-01		Prepared: 04/25/23 Analyzed: 04/25/23		
Chloride	242	20.0	250	ND	96.6	80-120			
Matrix Spike Dup (2317027-MSD1)					Source: E304111-01		Prepared: 04/25/23 Analyzed: 04/25/23		
Chloride	242	20.0	250	ND	96.9	80-120	0.327	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 16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/26/23 14:53

- 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 16 H		Attention: ESS		Lab WO# E 304174		Job Number 20046-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Natalie Gladden		Address: 2724 NW COUNTY ROAD		Analysis and Method					X				
Address:		City, State, Zip HOBBS, NM 88240		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip		Phone: 575-393-9048		Chloride 300 0									
Phone:		EMAIL TO: Natalie@energystaffingllc.com		RGDOC NM		RGDOC TX							
Email:		Dakoatah@energystaffingllc.com											
Report due by:													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks							
	4/21/23	S	1	SP 8-4'	1	<div style="border: 1px solid black; padding: 5px;"> <p>State</p> <p>NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/></p> </div>							
				SP 9-4'	2								
				SP 12-4'	3								
				SP 13-4'	4								
				SP 14-4'	5								
				SP 15-4'	6								
				SP 16-4'	7								
				SP 17-4'	8								
				SP 18-4'	9								
				SP 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: **M. R. R. 12**

Samples requiring thermal preservation must be received on 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
Mr R	4/21/23		Michelle Gungor	4/24/23	1415
Michelle Gungor	4/24/23	1700	Andrew Messo	4/24/23	1700
Andrew Messo	4/24/23	2230	2000 3/27	4/24/23	7:00

Lab Use Only	
Received on ice:	Y/N
11	12
4.0°C	

Envirotech Analytical Laboratory

Printed: 4/25/2023 1:09:24PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	04/25/23 07:00	Work Order ID:	E304174
Phone:	(575) 390-6397	Date Logged In:	04/24/23 16:02	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	04/26/23 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

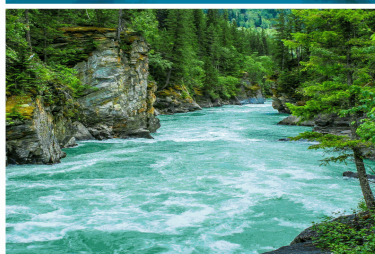
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16H

Work Order: E304182

Job Number: 20046-0001

Received: 4/26/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/28/23

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

Date Reported: 4/28/23



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson 16H
Workorder: E304182
Date Received: 4/26/2023 7:29:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/26/2023 7:29:00AM, under the Project Name: Jackson 16H.

The analytical test results summarized in this report with the Project Name: Jackson 16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP 20 - 4'	5
SP 21 - 4'	6
SP 22 - 4'	7
SP 23 - 6'	8
SP 24 - 4'	9
SP 25 - 4'	10
SP 26 - 4'	11
SP 27 - 4'	12
SP 28 - 4'	13
SP 29 - 4'	14
SP 30 - 4'	15
QC Summary Data	16
QC - Volatile Organic Compounds by EPA 8260B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

Sample Summary

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/28/23 13:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 20 - 4'	E304182-01A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 21 - 4'	E304182-02A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 22 - 4'	E304182-03A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 23 - 6'	E304182-04A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 24 - 4'	E304182-05A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 25 - 4'	E304182-06A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 26 - 4'	E304182-07A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 27 - 4'	E304182-08A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 28 - 4'	E304182-09A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 29 - 4'	E304182-10A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.
SP 30 - 4'	E304182-11A	Soil	04/24/23	04/26/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson 16H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 4/28/2023 1:29:11PM
---	---	----------------------------------

SP 20 - 4'

E304182-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	98.0 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane	94.2 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 21 - 4'

E304182-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	99.3 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	99.3 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane	91.7 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 22 - 4'

E304182-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	99.5 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	100 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	99.5 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	100 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane	92.3 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	22.0	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 4/28/2023 1:29:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 23 - 6'

E304182-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2317037	
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		97.6 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2317037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		97.6 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		90.8 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2317034	
Chloride	34.3	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 24 - 4'

E304182-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		100 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		100 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		90.7 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	30.8	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 25 - 4'

E304182-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		98.9 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		98.9 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		99.4 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	74.0	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 26 - 4'

E304182-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		99.5 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene		106 %	70-130	04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/26/23	04/27/23	
Surrogate: Toluene-d8		99.5 %	70-130	04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane		93.7 %	50-200	04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock	Project Name:	Jackson 16H	Reported: 4/28/2023 1:29:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 27 - 4'

E304182-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2317037	
Benzene	ND	0.0250	1	04/26/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/28/23	
Toluene	ND	0.0250	1	04/26/23	04/28/23	
o-Xylene	ND	0.0250	1	04/26/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		04/26/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		04/26/23	04/28/23	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2317037	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		04/26/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		04/26/23	04/28/23	
Surrogate: Toluene-d8	97.9 %	70-130		04/26/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/26/23	
Surrogate: n-Nonane	93.4 %	50-200		04/26/23	04/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2317034	
Chloride	34.4	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 28 - 4'

E304182-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	101 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	101 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane	91.9 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 29 - 4'

E304182-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/27/23	
Toluene	ND	0.0250	1	04/26/23	04/27/23	
o-Xylene	ND	0.0250	1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	102 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/27/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		04/26/23	04/27/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/26/23	04/27/23	
Surrogate: Toluene-d8	102 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane	101 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 1:29:11PM

SP 30 - 4'

E304182-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Benzene	ND	0.0250	1	04/26/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/26/23	04/28/23	
Toluene	ND	0.0250	1	04/26/23	04/28/23	
o-Xylene	ND	0.0250	1	04/26/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/26/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/26/23	04/28/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/26/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/26/23	04/28/23	
Surrogate: Toluene-d8		99.2 %	70-130	04/26/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2317037
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/23	04/28/23	
Surrogate: Bromofluorobenzene		104 %	70-130	04/26/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	04/26/23	04/28/23	
Surrogate: Toluene-d8		99.2 %	70-130	04/26/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/26/23	04/27/23	
Surrogate: n-Nonane		95.1 %	50-200	04/26/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 1:29:11PM

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 (2317037-BLK1)

Prepared: 04/26/23 Analyzed: 04/27/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

LCS (2317037-BS1)

Prepared: 04/26/23 Analyzed: 04/27/23

Benzene	2.36	0.0250	2.50		94.3	70-130			
Ethylbenzene	2.22	0.0250	2.50		88.6	70-130			
Toluene	2.23	0.0250	2.50		89.1	70-130			
o-Xylene	2.29	0.0250	2.50		91.7	70-130			
p,m-Xylene	4.48	0.0500	5.00		89.6	70-130			
Total Xylenes	6.77	0.0250	7.50		90.3	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

LCS Dup (2317037-BSD1)

Prepared: 04/26/23 Analyzed: 04/27/23

Benzene	2.39	0.0250	2.50		95.4	70-130	1.16	23	
Ethylbenzene	2.27	0.0250	2.50		90.8	70-130	2.41	27	
Toluene	2.29	0.0250	2.50		91.5	70-130	2.66	24	
o-Xylene	2.31	0.0250	2.50		92.5	70-130	0.847	27	
p,m-Xylene	4.56	0.0500	5.00		91.1	70-130	1.65	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	1.38	27	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 1:29:11PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317037-BLK1) Prepared: 04/26/23 Analyzed: 04/27/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

LCS (2317037-BS2) Prepared: 04/26/23 Analyzed: 04/26/23

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.7	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS Dup (2317037-BSD2) Prepared: 04/26/23 Analyzed: 04/27/23

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130	7.51	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 1:29:11PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317039-BLK1)					Prepared: 04/26/23 Analyzed: 04/26/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			

LCS (2317039-BS1)					Prepared: 04/26/23 Analyzed: 04/26/23				
Diesel Range Organics (C10-C28)	223	25.0	250		89.0	38-132			
Surrogate: n-Nonane	43.5		50.0		86.9	50-200			

Matrix Spike (2317039-MS1)					Source: E304182-11		Prepared: 04/26/23 Analyzed: 04/26/23		
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.0	38-132			
Surrogate: n-Nonane	44.9		50.0		89.9	50-200			

Matrix Spike Dup (2317039-MSD1)					Source: E304182-11		Prepared: 04/26/23 Analyzed: 04/26/23		
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.1	38-132	0.0450	20	
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 1:29:11PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2317034-BLK1)					Prepared: 04/25/23 Analyzed: 04/26/23				
Chloride	ND	20.0							
LCS (2317034-BS1)					Prepared: 04/25/23 Analyzed: 04/26/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2317034-MS1)					Source: E304182-01		Prepared: 04/25/23 Analyzed: 04/26/23		
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2317034-MSD1)					Source: E304182-01		Prepared: 04/25/23 Analyzed: 04/26/23		
Chloride	259	20.0	250	ND	104	80-120	0.533	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 16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/28/23 13:29

- 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: TAPROCK
 Project: JACKSON 16 H
 Project Manager: Natalie Gladden
 Address: _____
 City, State, Zip: _____
 Phone: _____
 Email: _____
 Report due by: _____

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

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 304182</u>	<u>20046-0001</u>		<u>X</u>				
Analysis and Method						RCRA	
						State	
						NM	CO
						<u>X</u>	

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 NMI	BGDOC TX	Remarks
	<u>4/24/23</u>	<u>S</u>	<u>1</u>	<u>SP 20-4-</u>	<u>1</u>							<u>X</u>		
				<u>SP 21-4-</u>	<u>2</u>									
				<u>SP 22-4-</u>	<u>3</u>									
				<u>SP 23-6-</u>	<u>4</u>									
				<u>SP 24-4-</u>	<u>5</u>									
				<u>SP 25-4-</u>	<u>6</u>									
				<u>SP 26-4-</u>	<u>7</u>									
				<u>SP 27-4-</u>	<u>8</u>									
				<u>SP 28-4-</u>	<u>9</u>									
				<u>SP 29-4-</u>	<u>10</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) <u>[Signature]</u>	Date <u>4/24/23</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>4-25-23</u>	Time <u>1245</u>
Relinquished by: (Signature) <u>Michelle Gungels</u>	Date <u>4-25-23</u>	Time <u>1600</u>	Received by: (Signature) <u>Andrew Musso</u>	Date <u>4-25-23</u>	Time <u>1700</u>
Relinquished by: (Signature) <u>Andrew Musso</u>	Date <u>4-25-23</u>	Time <u>2230</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>4-27-23</u>	Time <u>7:29</u>

Lab Use Only
 Recapture on ice: 0/1
 T1 4.0°C T2 T3

Chain of Custody

[illegible]

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) <i>[Signature]</i>	Date 4/24/23	Time	Received by: (Signature) <i>Michelle Cangel</i>	Date 4-25-23	Time 1245
Relinquished by: (Signature) <i>Michelle Cangel</i>	Date 4-25-23	Time 1600	Received by: (Signature) <i>Andrew Musso</i>	Date 4-25-23	Time 1700
Relinquished by: (Signature) <i>Andrew Musso</i>	Date 4-25-23	Time 2230	Received by: (Signature) <i>Jane Z...</i>	Date 4/26/23	Time 7:29

Page 22 of 23

Lab Use Only

Received on file: 20 / 11 / 11

T1 _____ T2 _____ T3 _____

Envirotech Analytical Laboratory

Printed: 4/26/2023 8:55:56AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	04/26/23 07:29	Work Order ID:	E304182
Phone:	(575) 390-6397	Date Logged In:	04/25/23 16:52	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	04/27/23 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 #16

Work Order: E304191

Job Number: 20046-0001

Received: 4/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/28/23

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: 4/28/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16
Workorder: E304191
Date Received: 4/27/2023 7:20:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2023 7:20:00AM, under the Project Name: Jackson #16.

The analytical test results summarized in this report with the Project Name: Jackson #16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP 31-2'	6
SP 32-2'	7
SP 33-4'	8
SP 34-2'	9
SP 35-5'	10
SP 36-5'	11
SP 37-5'	12
SP 38-6'	13
SP 39-6'	14
SP 40-8'	15
SP 41-4'	16
SP 42-4'	17
SP 43-4'	18
SP 44-4'	19
SP 45-4'	20
QC Summary Data	21
QC - Volatile Organics by EPA 8021B	21
QC - Nonhalogenated Organics by EPA 8015D - GRO	22
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
QC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/28/23 15:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 31-2'	E304191-01A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 32-2'	E304191-02A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 33-4'	E304191-03A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 34-2'	E304191-04A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 35-5'	E304191-05A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 36-5'	E304191-06A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 37-5'	E304191-07A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 38-6'	E304191-08A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 39-6'	E304191-09A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 40-8'	E304191-10A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 41-4'	E304191-11A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 42-4'	E304191-12A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 43-4'	E304191-13A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 44-4'	E304191-14A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
SP 45-4'	E304191-15A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 3:32:58PM

SP 31-2'

E304191-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.9 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.7 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	31.2	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>	91.2 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 32-2'

E304191-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 33-4'

E304191-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 34-2'

E304191-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.6 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>	92.9 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 4/28/2023 3:32:58PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP 35-5'

E304191-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 36-5'

E304191-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	92.7 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 37-5'

E304191-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 38-6'

E304191-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	91.3 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 39-6'

E304191-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	25.1	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 40-8'

E304191-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	93.7 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 41-4'

E304191-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	89.3 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 42-4'

E304191-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	85.7 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 43-4'

E304191-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
<i>Surrogate: n-Nonane</i>						
	87.1 %	50-200		04/27/23	04/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 44-4'

E304191-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
<i>Surrogate: n-Nonane</i>						
	84.8 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
4/28/2023 3:32:58PM

SP 45-4'

E304191-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ethylbenzene	ND	0.0250	1	04/27/23	04/27/23	
Toluene	ND	0.0250	1	04/27/23	04/27/23	
o-Xylene	ND	0.0250	1	04/27/23	04/27/23	
p,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2317052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2317049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		04/27/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317068	
Chloride	46.8	20.0	1	04/27/23	04/27/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 3:32:58PM

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2317052-BLK1) Prepared: 04/27/23 Analyzed: 04/27/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			

LCS (2317052-BS1) Prepared: 04/27/23 Analyzed: 04/27/23

Benzene	4.26	0.0250	5.00		85.2	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.4	70-130			
Toluene	4.52	0.0250	5.00		90.4	70-130			
o-Xylene	4.59	0.0250	5.00		91.8	70-130			
p,m-Xylene	9.10	0.0500	10.0		91.0	70-130			
Total Xylenes	13.7	0.0250	15.0		91.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

Matrix Spike (2317052-MS1) Source: E304191-14 Prepared: 04/27/23 Analyzed: 04/27/23

Benzene	4.23	0.0250	5.00	ND	84.5	54-133			
Ethylbenzene	4.44	0.0250	5.00	ND	88.7	61-133			
Toluene	4.48	0.0250	5.00	ND	89.7	61-130			
o-Xylene	4.56	0.0250	5.00	ND	91.3	63-131			
p,m-Xylene	9.05	0.0500	10.0	ND	90.5	63-131			
Total Xylenes	13.6	0.0250	15.0	ND	90.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

Matrix Spike Dup (2317052-MSD1) Source: E304191-14 Prepared: 04/27/23 Analyzed: 04/27/23

Benzene	4.14	0.0250	5.00	ND	82.8	54-133	2.09	20	
Ethylbenzene	4.38	0.0250	5.00	ND	87.5	61-133	1.35	20	
Toluene	4.41	0.0250	5.00	ND	88.3	61-130	1.56	20	
o-Xylene	4.51	0.0250	5.00	ND	90.1	63-131	1.27	20	
p,m-Xylene	8.92	0.0500	10.0	ND	89.2	63-131	1.41	20	
Total Xylenes	13.4	0.0250	15.0	ND	89.5	63-131	1.36	20	
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 3:32:58PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317052-BLK1) Prepared: 04/27/23 Analyzed: 04/27/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

LCS (2317052-BS2) Prepared: 04/27/23 Analyzed: 04/27/23

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			

Matrix Spike (2317052-MS2) Source: E304191-14 Prepared: 04/27/23 Analyzed: 04/27/23

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2317052-MSD2) Source: E304191-14 Prepared: 04/27/23 Analyzed: 04/27/23

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.1	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 3:32:58PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317049-BLK1)					Prepared: 04/27/23 Analyzed: 04/27/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.7		50.0		91.5	50-200			

LCS (2317049-BS1)					Prepared: 04/27/23 Analyzed: 04/27/23				
Diesel Range Organics (C10-C28)	248	25.0	250		99.4	38-132			
Surrogate: n-Nonane	45.0		50.0		90.1	50-200			

Matrix Spike (2317049-MS1)					Source: E304191-12		Prepared: 04/27/23 Analyzed: 04/27/23		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	42.7		50.0		85.4	50-200			

Matrix Spike Dup (2317049-MSD1)					Source: E304191-12		Prepared: 04/27/23 Analyzed: 04/27/23		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	105	38-132	0.451	20	
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	4/28/2023 3:32:58PM

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 (2317068-BLK1)					Prepared: 04/27/23 Analyzed: 04/27/23				
Chloride	ND	20.0							
LCS (2317068-BS1)					Prepared: 04/27/23 Analyzed: 04/27/23				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2317068-MS1)					Source: E304200-02		Prepared: 04/27/23 Analyzed: 04/27/23		
Chloride	455	40.0	250	191	106	80-120			
Matrix Spike Dup (2317068-MSD1)					Source: E304200-02		Prepared: 04/27/23 Analyzed: 04/27/23		
Chloride	454	40.0	250	191	105	80-120	0.155	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 #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	04/28/23 15:32

- 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: <u>TalRock</u>					Bill To					Lab Use Only					TAT				EPA Program																																			
Project: <u>JACKSON #16</u>					Attention: <u>ESS</u>					Lab WO#: <u>E 304191</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>																																																	
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					RGDOC NM					BGDOC TX					State				
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>																																																	
Email:					<u>Dakoatah@energystaffingllc.com</u>					Remarks					NM					CO					UT					AZ					TX																			
Report due by:																																																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																																																	
	04/25/23	S	1	SP 31-2'	1																																																	
				SP 32-2'	2																																																	
				SP 33-4'	3																																																	
				SP 34-2'	4																																																	
				SP 35-5'	5																																																	
				SP 36-5'	6																																																	
				SP 37-5'	7																																																	
				SP 38-6'	8																																																	
				SP 39-6'	9																																																	
	04/25/23	S	1	SP 40-8'	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: 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: <u>Y</u> <u>N</u> T1 T2 T3 AVG Temp °C <u>4.0</u>
<u>Juan Solis</u>	04/25/23		<u>Michelle Gonzalez</u>	4-26-23	1230	
<u>Michelle Gonzalez</u>	4-26-23	1730	<u>W/M</u>	4/26/23	1730	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Ar</u>	4/27/23	315	<u>Juan Solis</u>	4/27/23	7:20	

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. This liability of samples is applicable only to those samples received by the laboratory with this COC. The liability of

Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above to the amount paid for on the report.

Project Information

Chain of Custody

[illegible]

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

Sampled by: John 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) <i>John Solis</i>	Date 04/25/23	Time	Received by: (Signature) <i>Michelle Gungl</i>	Date 4-26-23	Time 1230	Lab Use Only Received on Ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <i>4.6</i>
Relinquished by: (Signature) <i>Michelle Gungl</i>	Date 4-26-23	Time 1730	Received by: (Signature) <i>[Signature]</i>	Date 4/26	Time 1730	
Relinquished by: (Signature) <i>[Signature]</i>	Date 4/27/23	Time 315	Received by: (Signature) <i>Zrenzi Zri</i>	Date 4/27/23	Time 7:20	
Sample Matrix: S - Soil, Sd - Solid Sp - 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. This liability disclaimer 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 the analysis.

Unusable samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

Page 27 of 28 to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/27/2023 12:28:07PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	04/27/23 07:20	Work Order ID:	E304191
Phone:	(575) 390-6397	Date Logged In:	04/26/23 16:54	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	04/28/23 17:00 (1 day TAT)		

Chain of Custody (COC)

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

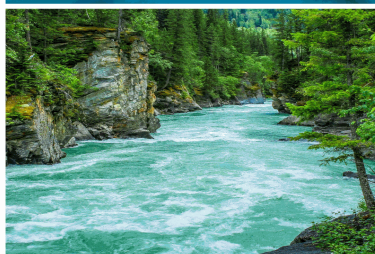
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16

Work Order: E304206

Job Number: 20046-0001

Received: 4/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/23

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.
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: 5/1/23



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Jackson #16
Workorder: E304206
Date Received: 4/28/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2023 7:00:00AM, under the Project Name: Jackson #16.

The analytical test results summarized in this report with the Project Name: Jackson #16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP 46 - 4'	5
SP 47 - 6'	6
SP 48 - 4'	7
SP 49 - 4'	8
SP 50 - 4'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/01/23 16:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 46 - 4'	E304206-01A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP 47 - 6'	E304206-02A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP 48 - 4'	E304206-03A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP 49 - 4'	E304206-04A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SP 50 - 4'	E304206-05A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:00:39PM

SP 46 - 4'

E304206-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2317071	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.6 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2317071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2317073	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
<i>Surrogate: n-Nonane</i>	87.8 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2317075	
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:00:39PM

SP 47 - 6'

E304206-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:00:39PM

SP 48 - 4'

E304206-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
<i>Surrogate: n-Nonane</i>						
	88.3 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:00:39PM

SP 49 - 4'

E304206-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
<i>Surrogate: n-Nonane</i>						
	87.2 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:00:39PM

SP 50 - 4'

E304206-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:00:39PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2317071-BLK1) Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.8	70-130			

LCS (2317071-BS1) Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	4.01	0.0250	5.00		80.2	70-130			
Ethylbenzene	4.35	0.0250	5.00		86.9	70-130			
Toluene	4.36	0.0250	5.00		87.2	70-130			
o-Xylene	4.50	0.0250	5.00		90.0	70-130			
p,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.4	0.0250	15.0		89.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

LCS Dup (2317071-BSD1) Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	4.25	0.0250	5.00		85.0	70-130	5.76	20	
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130	6.72	20	
Toluene	4.65	0.0250	5.00		92.9	70-130	6.31	20	
o-Xylene	4.79	0.0250	5.00		95.9	70-130	6.38	20	
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130	6.59	20	
Total Xylenes	14.3	0.0250	15.0		95.1	70-130	6.52	20	
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:00:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2317071-BLK1) Prepared: 04/28/23 Analyzed: 04/28/23

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

LCS (2317071-BS2) Prepared: 04/28/23 Analyzed: 04/28/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

LCS Dup (2317071-BSD2) Prepared: 04/28/23 Analyzed: 04/28/23

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.4	70-130	8.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:00:39PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317073-BLK1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.7		50.0		89.4	50-200			

LCS (2317073-BS1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	44.7		50.0		89.4	50-200			

Matrix Spike (2317073-MS1)					Source: E304206-01		Prepared: 04/28/23 Analyzed: 04/28/23		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	43.2		50.0		86.3	50-200			

Matrix Spike Dup (2317073-MSD1)					Source: E304206-01		Prepared: 04/28/23 Analyzed: 04/28/23		
Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132	1.23	20	
Surrogate: n-Nonane	44.0		50.0		88.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:00:39PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317075-BLK1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Chloride	ND	20.0							
LCS (2317075-BS1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2317075-MS1)					Source: E304205-01		Prepared: 04/28/23 Analyzed: 04/28/23		
Chloride	246	20.0	250	ND	98.3	80-120			
Matrix Spike Dup (2317075-MSD1)					Source: E304205-01		Prepared: 04/28/23 Analyzed: 04/28/23		
Chloride	244	20.0	250	ND	97.6	80-120	0.717	20	

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



Definitions and Notes

Tap Rock	Project Name:	Jackson #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/01/23 16:00

- 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>TapRock</u>					Bill To					Lab Use Only				TAT				EPA Program																							
Project: <u>Jackson #16</u>					Attention: <u>ESS</u>					Lab WO# <u>E 304206</u>				Job Number <u>20416-0001</u>				1D	2D	3D	Standard	CWA	SDWA																		
Project Manager: <u>Natalie Giladden</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			
Phone:					EMAIL TO: <u>Natalie@energystaffingllc.com</u>																																				
Email:					<u>Dakoatah@energystaffingllc.com</u>																																				
Report due by:																																									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																																			
	01/26/23	S	1	SP 46-4'	1																																				
				SP 47-6'	2																																				
				SP 48-4'	3																																				
				SP 49-4'	4																																				
	01/26/23	S	1	SP 50-4'	5																																				

Additional Instructions:

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

Sampled by: Juan Solis

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only	
<u>Juan Solis</u>	01/26/23		<u>Marcille Gough</u>	4-27-23	1330	Received on Ice: <u>Y</u> N	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time		
<u>Marcille Gough</u>	4-27-23	1745	<u>Andrew Musso</u>	4-27-23	1800	T1 T2 T3	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time		
<u>Andrew Musso</u>	4-27-23	2330	<u>Zane Zitz</u>	04/28/23	7:00	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 to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/28/2023 11:43:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	04/28/23 07:00	Work Order ID:	E304206
Phone:	(575) 390-6397	Date Logged In:	04/27/23 16:27	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	05/01/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
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 #16

Work Order: E304207

Job Number: 20046-0001

Received: 4/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/23

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.
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: 5/1/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16
Workorder: E304207
Date Received: 4/28/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2023 7:00:00AM, under the Project Name: Jackson #16.

The analytical test results summarized in this report with the Project Name: Jackson #16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SW 1 - 2'	6
SW 2 - 2'	7
SW 3 - 2'	8
SW 4 - 2'	9
SW 5 - 2'	10
SW 6 - 2'	11
SW 7 - 2'	12
SW 8 - 2'	13
SW 9 - 2'	14
SW 10 - 2'	15
SW 11 - 2'	16
SW 12 - 2'	17
SW 13 - 2'	18
SW 14 - 2'	19
SW 15 - 2'	20
SW 16 - 2'	21
SW 7 - 2'	22
QC Summary Data	23
QC - Volatile Organic Compounds by EPA 8260B	23
QC - Nonhalogenated Organics by EPA 8015D - GRO	24

Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	25
QC - Anions by EPA 300.0/9056A	26
Definitions and Notes	27
Chain of Custody etc.	28

Sample Summary

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/01/23 16:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 1 - 2'	E304207-01A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 2 - 2'	E304207-02A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 3 - 2'	E304207-03A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 4 - 2'	E304207-04A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 5 - 2'	E304207-05A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 6 - 2'	E304207-06A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 7 - 2'	E304207-07A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 8 - 2'	E304207-08A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 9 - 2'	E304207-09A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 10 - 2'	E304207-10A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 11 - 2'	E304207-11A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 12 - 2'	E304207-12A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 13 - 2'	E304207-13A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 14 - 2'	E304207-14A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 15 - 2'	E304207-15A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 16 - 2'	E304207-16A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.
SW 7 - 2'	E304207-17A	Soil	04/26/23	04/28/23	Glass Jar, 2 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Jackson #16 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 5/1/2023 4:36:11PM
---	---	---------------------------------

SW 1 - 2'

E304207-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	40.8	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	54.5	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane	99.7 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	37.6	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 2 - 2'

E304207-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane	101 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 3 - 2'

E304207-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	96.7 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.4 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	96.7 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.4 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane	101 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 4 - 2'

E304207-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.8 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.8 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane	99.4 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 5 - 2'

E304207-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.7 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.7 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane	95.6 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 6 - 2'

E304207-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane	101 %	50-200		04/28/23	04/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 7 - 2'

E304207-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.5 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.5 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	98.5 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 8 - 2'

E304207-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	99.1 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	99.1 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	99.1 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 9 - 2'

E304207-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	94.5 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 10 - 2'

E304207-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	98.7 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	98.7 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	95.0 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 11 - 2'

E304207-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.1 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.4 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.1 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	99.4 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	99.3 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 12 - 2'
E304207-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	101 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	101 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	97.5 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	ND	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 13 - 2'

E304207-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.5 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	98.5 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.5 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	98.5 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	92.6 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	36.0	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 14 - 2'
E304207-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	95.3 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	36.6	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 15 - 2'
E304207-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	95.9 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	64.2	20.0	1	04/28/23	04/28/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
5/1/2023 4:36:11PM

SW 16 - 2'

E304207-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2317074
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	100 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2317072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/29/23	
Surrogate: n-Nonane	92.5 %	50-200		04/28/23	04/29/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2317077
Chloride	63.5	20.0	1	04/28/23	04/28/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 5/1/2023 4:36:11PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW 7 - 2'

E304207-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ethylbenzene	ND	0.0250	1	04/28/23	04/28/23	
Toluene	ND	0.0250	1	04/28/23	04/28/23	
o-Xylene	ND	0.0250	1	04/28/23	04/28/23	
p,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2317074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		04/28/23	04/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		04/28/23	04/28/23	
Surrogate: Toluene-d8	101 %	70-130		04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2317072	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	05/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/23	05/01/23	
Surrogate: n-Nonane	86.6 %	50-200		04/28/23	05/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2317077	
Chloride	ND	20.0	1	04/28/23	04/28/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:36:11PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2317074-BLK1) Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2317074-BS1) Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	2.38	0.0250	2.50		95.2	70-130			
Ethylbenzene	2.23	0.0250	2.50		89.1	70-130			
Toluene	2.25	0.0250	2.50		90.0	70-130			
o-Xylene	2.30	0.0250	2.50		91.8	70-130			
p,m-Xylene	4.51	0.0500	5.00		90.2	70-130			
Total Xylenes	6.81	0.0250	7.50		90.7	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike (2317074-MS1) Source: E304207-01 Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	2.35	0.0250	2.50	ND	94.0	48-131			
Ethylbenzene	2.21	0.0250	2.50	ND	88.5	45-135			
Toluene	2.25	0.0250	2.50	ND	90.1	48-130			
o-Xylene	2.29	0.0250	2.50	ND	91.7	43-135			
p,m-Xylene	4.50	0.0500	5.00	ND	90.1	43-135			
Total Xylenes	6.80	0.0250	7.50	ND	90.6	43-135			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike Dup (2317074-MSD1) Source: E304207-01 Prepared: 04/28/23 Analyzed: 04/28/23

Benzene	2.36	0.0250	2.50	ND	94.2	48-131	0.276	23	
Ethylbenzene	2.26	0.0250	2.50	ND	90.2	45-135	1.86	27	
Toluene	2.29	0.0250	2.50	ND	91.7	48-130	1.78	24	
o-Xylene	2.27	0.0250	2.50	ND	91.0	43-135	0.810	27	
p,m-Xylene	4.48	0.0500	5.00	ND	89.6	43-135	0.545	27	
Total Xylenes	6.75	0.0250	7.50	ND	90.0	43-135	0.635	27	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:36:11PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2317074-BLK1) Prepared: 04/28/23 Analyzed: 04/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2317074-BS2) Prepared: 04/28/23 Analyzed: 04/28/23

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0		83.4	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike (2317074-MS2) Source: E304207-01 Prepared: 04/28/23 Analyzed: 04/28/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike Dup (2317074-MSD2) Source: E304207-01 Prepared: 04/28/23 Analyzed: 04/28/23

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.2	70-130	6.59	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	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			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:36:11PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317072-BLK1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2317072-BS1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Diesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
Surrogate: n-Nonane	45.8		50.0		91.6	50-200			

Matrix Spike (2317072-MS1)					Source: E304207-10		Prepared: 04/28/23 Analyzed: 04/28/23		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			

Matrix Spike Dup (2317072-MSD1)					Source: E304207-10		Prepared: 04/28/23 Analyzed: 04/28/23		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132	2.95	20	
Surrogate: n-Nonane	44.3		50.0		88.5	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	5/1/2023 4:36:11PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2317077-BLK1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Chloride	ND	20.0							
LCS (2317077-BS1)					Prepared: 04/28/23 Analyzed: 04/28/23				
Chloride	274	20.0	250		110	90-110			
Matrix Spike (2317077-MS1)					Source: E304207-01		Prepared: 04/28/23 Analyzed: 04/28/23		
Chloride	314	20.0	250	37.6	111	80-120			
Matrix Spike Dup (2317077-MSD1)					Source: E304207-01		Prepared: 04/28/23 Analyzed: 04/28/23		
Chloride	313	20.0	250	37.6	110	80-120	0.289	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 #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/01/23 16:36

- 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:

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

Sampled by: Juan Solis

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

Relinquished by: (Signature) <u>Juan Solis</u>	Date <u>01/26/23</u>	Time	Received by: (Signature) <u>Michelle Curzola</u>	Date <u>4-27-23</u>	Time <u>1330</u>	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Curzola</u>	Date <u>4-27-23</u>	Time <u>1745</u>	Received by: (Signature) <u>Andrew Musso</u>	Date <u>4-27-23</u>	Time <u>1800</u>	
Relinquished by: (Signature) <u>Andrew Musso</u>	Date <u>4-27-23</u>	Time <u>2330</u>	Received by: (Signature) <u>Shane Zepheri</u>	Date <u>4/28/23</u>	Time <u>7:00</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 client is limited to the amount paid for on the report.

Additional Instructions:

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 is to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/28/2023 12:39:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	04/28/23 07:00	Work Order ID:	E304207
Phone:	(575) 390-6397	Date Logged In:	04/27/23 16:32	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	05/01/23 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Received extra sample that was not on COC. Added sample SW 7-2 per client. 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.

Project Information

Chain of Custody

Page 1 of 2

Client: <u>TCPROCK</u>					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Jackson HIG</u>					Attention: <u>ESS</u>					Lab WO# <u>E304207</u>					Job Number <u>200410-0301</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														
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	BTX by 8011	VOC by 8250	Metals 6010	Chloride 300.0			RGDOC NM	RGDOC TX							Remarks		
	04/26/23	S	1	SW 1 - 2'	1									X								Received extra		
				SW 2 - 2'	2																	Sample SW 7-2'		
				SW 3 - 2'	3																	Client asked		
				SW 4 - 2'	4																	to add to		
				SW 5 - 2'	5																	workorder.		
				SW 6 - 2'	6																	4/28/23 CC		
				SW 7 - 2'	7																			
				SW 8 - 2'	8																			
				SW 9 - 2'	9																			
	04/26/23	S	1	SW 10 - 2'	10									X										

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally 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: <u>4.0</u>
<u>Juan Solis</u>	04/26/23		<u>Michelle Cruzals</u>	4-27-23	1330	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Michelle Cruzals</u>	4-27-23	1745	<u>Andrew Musso</u>	4-27-23	1800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Andrew Musso</u>	4-27-23	2336	<u>Drene Zepi</u>	4/28/23	7:00	

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

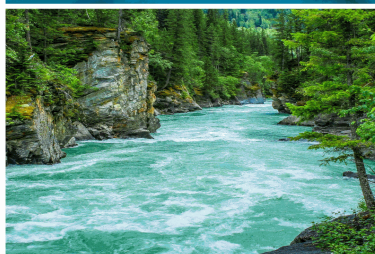
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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.

Additional Instructions:

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.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16

Work Order: E310275

Job Number: 20046-0001

Received: 10/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/30/23

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: 10/30/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 16
Workorder: E310275
Date Received: 10/27/2023 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/27/2023 8:15:00AM, under the Project Name: Jackson 16.

The analytical test results summarized in this report with the Project Name: Jackson 16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP Comp 1 - 2'	6
SP Comp 2 - 4'	7
SP Comp 3 - 4'	8
SP Comp 4 - 4'	9
SP Comp 5 - 4'	10
SP Comp 6 - 6'	11
SP Comp 7 - 6'	12
SP Comp 8 - 6'	13
SP Comp 9 - 6'	14
SP Comp 10 - 6'	15
SP Comp 11 - 6'	16
SP Comp 12 - 6'	17
SP Comp 13 - 6'	18
SP Comp 14 - 6'	19
SP Comp 15 - 6'	20
SP Comp 16 - 6'	21
SP Comp 17 - 6'	22
SP Comp 18 - 6'	23
SP Comp 19 - 6'	24
SP Comp 20 - 6'	25

Table of Contents (continued)

SP Comp 21 - 6'	26
SP Comp 22 - 6'	27
SP Comp 23 - 6'	28
SP Comp 24 - 6'	29
QC Summary Data	30
QC - Volatile Organics by EPA 8021B	30
QC - Nonhalogenated Organics by EPA 8015D - GRO	32
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	34
QC - Anions by EPA 300.0/9056A	36
Definitions and Notes	38
Chain of Custody etc.	39

Sample Summary

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/23 17:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP Comp 1 - 2'	E310275-01A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 2 - 4'	E310275-02A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 3 - 4'	E310275-03A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 4 - 4'	E310275-04A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 5 - 4'	E310275-05A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 6 - 6'	E310275-06A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 7 - 6'	E310275-07A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 8 - 6'	E310275-08A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 9 - 6'	E310275-09A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 10 - 6'	E310275-10A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 11 - 6'	E310275-11A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 12 - 6'	E310275-12A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 13 - 6'	E310275-13A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 14 - 6'	E310275-14A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 15 - 6'	E310275-15A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 16 - 6'	E310275-16A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 17 - 6'	E310275-17A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 18 - 6'	E310275-18A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 19 - 6'	E310275-19A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 20 - 6'	E310275-20A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 21 - 6'	E310275-21A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 22 - 6'	E310275-22A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 23 - 6'	E310275-23A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.
SP Comp 24 - 6'	E310275-24A	Soil	10/25/23	10/27/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

SP Comp 1 - 2'

E310275-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/27/23	
Toluene	ND	0.0250	1	10/27/23	10/27/23	
o-Xylene	ND	0.0250	1	10/27/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.6 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>	90.9 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	150	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 2 - 4'
E310275-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/27/23	
Toluene	ND	0.0250	1	10/27/23	10/27/23	
o-Xylene	ND	0.0250	1	10/27/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	83.5 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	91.0	20.0	1	10/27/23	10/28/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 3 - 4'

E310275-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/27/23	
Toluene	ND	0.0250	1	10/27/23	10/27/23	
o-Xylene	ND	0.0250	1	10/27/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	205	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 4 - 4'

E310275-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2343120
Benzene	ND	0.0250	1	10/27/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/27/23	
Toluene	ND	0.0250	1	10/27/23	10/27/23	
o-Xylene	ND	0.0250	1	10/27/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>		90.2 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2343121
Chloride	35.8	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 5 - 4'
E310275-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/27/23	
Toluene	ND	0.0250	1	10/27/23	10/27/23	
o-Xylene	ND	0.0250	1	10/27/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	88.5 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	77.6	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 6 - 6'

E310275-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/27/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/27/23	
Toluene	ND	0.0250	1	10/27/23	10/27/23	
o-Xylene	ND	0.0250	1	10/27/23	10/27/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	93.3 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	145	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 7 - 6'
E310275-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	220	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 8 - 6'

E310275-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	34.7	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 9 - 6'

E310275-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	97.7 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	82.7	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 10 - 6'

E310275-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	99.0 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	34.5	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 11 - 6'

E310275-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2343120
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2343121
Chloride	157	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 12 - 6'
E310275-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	159	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 13 - 6'

E310275-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2343120
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2343121
Chloride	218	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 14 - 6'

E310275-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	82.1	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 15 - 6'
E310275-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	41.5	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 16 - 6'
E310275-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	89.4 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	163	20.0	1	10/27/23	10/28/23	

Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 17 - 6'
E310275-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	166	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 18 - 6'
E310275-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	69.4	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 19 - 6'

E310275-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	89.1 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	159	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 20 - 6'
E310275-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
<i>Surrogate: n-Nonane</i>						
	89.3 %	50-200		10/27/23	10/28/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343121	
Chloride	81.3	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 21 - 6'

E310275-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343119	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343116	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	74.7 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343122	
Chloride	181	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 22 - 6'

E310275-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2343119
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2343119
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2343116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	77.3 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2343122
Chloride	163	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/30/2023 5:06:39PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 23 - 6'
E310275-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343119	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343116	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	77.7 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343122	
Chloride	180	20.0	1	10/27/23	10/28/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/30/2023 5:06:39PM

SP Comp 24 - 6'

E310275-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343119	
Benzene	ND	0.0250	1	10/27/23	10/28/23	
Ethylbenzene	ND	0.0250	1	10/27/23	10/28/23	
Toluene	ND	0.0250	1	10/27/23	10/28/23	
o-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2343119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2343116	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
<i>Surrogate: n-Nonane</i>						
	76.9 %	50-200		10/27/23	10/27/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2343122	
Chloride	93.0	20.0	1	10/27/23	10/28/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2343119-BLK1) Prepared: 10/27/23 Analyzed: 10/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

LCS (2343119-BS1) Prepared: 10/27/23 Analyzed: 10/28/23

Benzene	5.33	0.0250	5.00		107	70-130			
Ethylbenzene	5.10	0.0250	5.00		102	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.26	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.4	70-130			

Matrix Spike (2343119-MS1) Source: E310276-06 Prepared: 10/27/23 Analyzed: 10/28/23

Benzene	5.49	0.0250	5.00	ND	110	54-133			
Ethylbenzene	5.24	0.0250	5.00	ND	105	61-133			
Toluene	5.47	0.0250	5.00	ND	109	61-130			
o-Xylene	5.41	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131			
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

Matrix Spike Dup (2343119-MSD1) Source: E310276-06 Prepared: 10/27/23 Analyzed: 10/28/23

Benzene	5.33	0.0250	5.00	ND	107	54-133	2.83	20	
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133	1.97	20	
Toluene	5.35	0.0250	5.00	ND	107	61-130	2.19	20	
o-Xylene	5.31	0.0250	5.00	ND	106	63-131	1.93	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	1.79	20	
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131	1.84	20	
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2343120-BLK1) Prepared: 10/27/23 Analyzed: 10/27/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			

LCS (2343120-BS1) Prepared: 10/27/23 Analyzed: 10/27/23

Benzene	4.79	0.0250	5.00		95.9	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.5	70-130			
Toluene	4.83	0.0250	5.00		96.7	70-130			
o-Xylene	4.80	0.0250	5.00		96.0	70-130			
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.1	70-130			

Matrix Spike (2343120-MS1) Source: E310275-02 Prepared: 10/27/23 Analyzed: 10/27/23

Benzene	4.83	0.0250	5.00	ND	96.6	54-133			
Ethylbenzene	4.70	0.0250	5.00	ND	94.0	61-133			
Toluene	4.87	0.0250	5.00	ND	97.4	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131			
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		95.9	70-130			

Matrix Spike Dup (2343120-MSD1) Source: E310275-02 Prepared: 10/27/23 Analyzed: 10/27/23

Benzene	4.95	0.0250	5.00	ND	99.0	54-133	2.45	20	
Ethylbenzene	4.82	0.0250	5.00	ND	96.3	61-133	2.42	20	
Toluene	4.99	0.0250	5.00	ND	99.9	61-130	2.51	20	
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131	2.29	20	
p,m-Xylene	9.97	0.0500	10.0	ND	99.7	63-131	2.45	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.4	63-131	2.40	20	
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2343119-BLK1)

Prepared: 10/27/23 Analyzed: 10/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

LCS (2343119-BS2)

Prepared: 10/27/23 Analyzed: 10/28/23

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

Matrix Spike (2343119-MS2)

Source: E310276-06 Prepared: 10/27/23 Analyzed: 10/28/23

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2343119-MSD2)

Source: E310276-06 Prepared: 10/27/23 Analyzed: 10/28/23

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.8	70-130	2.24	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2343120-BLK1) Prepared: 10/27/23 Analyzed: 10/27/23

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

LCS (2343120-BS2) Prepared: 10/27/23 Analyzed: 10/27/23

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike (2343120-MS2) Source: E310275-02 Prepared: 10/27/23 Analyzed: 10/27/23

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0	ND	90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			

Matrix Spike Dup (2343120-MSD2) Source: E310275-02 Prepared: 10/27/23 Analyzed: 10/27/23

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	2.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2343115-BLK1) Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			

LCS (2343115-BS1) Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	51.2		50.0		102	50-200			

Matrix Spike (2343115-MS1) Source: E310275-07 Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			

Matrix Spike Dup (2343115-MSD1) Source: E310275-07 Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132	3.92	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2343116-BLK1) Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.6		50.0		87.2	50-200			

LCS (2343116-BS1) Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	44.6		50.0		89.3	50-200			

Matrix Spike (2343116-MS1) Source: E310274-01 Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	41.6		50.0		83.2	50-200			

Matrix Spike Dup (2343116-MSD1) Source: E310274-01 Prepared: 10/27/23 Analyzed: 10/27/23

Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	38-132	0.943	20	
Surrogate: n-Nonane	44.9		50.0		89.8	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

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 (2343121-BLK1)					Prepared: 10/27/23 Analyzed: 10/28/23				
Chloride	ND	20.0							
LCS (2343121-BS1)					Prepared: 10/27/23 Analyzed: 10/28/23				
Chloride	241	20.0	250		96.3	90-110			
Matrix Spike (2343121-MS1)					Source: E310275-01		Prepared: 10/27/23 Analyzed: 10/28/23		
Chloride	397	20.0	250	150	98.9	80-120			
Matrix Spike Dup (2343121-MSD1)					Source: E310275-01		Prepared: 10/27/23 Analyzed: 10/28/23		
Chloride	397	20.0	250	150	98.7	80-120	0.138	20	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/2023 5:06:39PM

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 (2343122-BLK1)					Prepared: 10/27/23 Analyzed: 10/28/23				
Chloride	ND	20.0							
LCS (2343122-BS1)					Prepared: 10/27/23 Analyzed: 10/28/23				
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2343122-MS1)					Source: E310275-21		Prepared: 10/27/23 Analyzed: 10/28/23		
Chloride	427	20.0	250	181	98.4	80-120			
Matrix Spike Dup (2343122-MSD1)					Source: E310275-21		Prepared: 10/27/23 Analyzed: 10/28/23		
Chloride	422	20.0	250	181	96.5	80-120	1.15	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 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/23 17:06

- 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 3

Client: <u>EPD&V</u>				Bill To				Lab Use Only				TAT				EPA Program																							
Project: <u>Jackson 16</u>				Attention: ENERGY STAFFING SERVICES				Lab WO# <u>E310275</u>				Job Number <u>20046-0001</u>				1D	2D	3D	Standard	CWA	SDWA																		
Project Manager: <u>Natalie</u>				Address: 2724 NW COUNTY RD				Analysis and Method								RCRA																							
Address:				City, State, Zip <u>HOBBS, NM 88240</u>																																			
City, State, Zip				Phone: 575-393-9048				DRO/ORO by 8015				GRO/DRO by 8015				BTEX by 8021				VOC by 8260				Metals 6010				Chloride 300.0				BGDOC NM				BGDOC TX			
Phone:				Email: NATALIE@ENERGYSTAFFINGLLC.COM																																			
Email:				BRITTNEY@ENERGYSTAFFINGLLC.COM																																			
Report due by:																																							

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
	10/25/23	S	1	SP Comp 1 - 2'	1							X		
				SP Comp 2 - 4'	2									
				SP Comp 3 - 4'	3									
				SP Comp 4 - 4'	4									
				SP Comp 5 - 4'	5									
				SP Comp 6 - 6'	6									
				SP Comp 7 - 6'	7									
				SP Comp 8 - 6'	8									
				SP Comp 9 - 6'	9									
	10/25/23	S	1	SP Comp 10 - 6'	10							X		

Additional Instructions:

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

Sampled by: Juan Solis

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Juan Solis</u>	10/25/23		<u>Michelle Cuyf</u>	10/26/23	1240	Received on ice: <u>(Y) N</u>
<u>Michelle Cuyf</u>	10/26/23	1615	<u>Adrian Muro</u>	10/26/23	1730	T1 _____ T2 _____ T3 _____
<u>Adrian Muro</u>	10/26/23	2330	<u>Carla Muro</u>	10/27/23	8:15	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.

Project Information

Chain of Custody

Page 2 of 3

Client: <u>Taproot</u>					Bill To					Lab Use Only				TAT				EPA Program					
Project: <u>Jackson 16</u>					Attention: ENERGY STAFFING SERVICES					Lab WO# <u>E310275</u>				Job Number <u>21046-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie</u>					Address: 2724 NW COUNTY RD					Analysis and Method								RCRA					
Address:					City, State, Zip <u>HOBBS, NM 88240</u>																		
City, State, Zip					Phone: 575-393-9048													State					
Phone:					Email: NATALIE@ENERGYSTAFFINGLLC.COM																		
Email:					BRITTNEY@ENERGYSTAFFINGLLC.COM													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	BDOC NM	BDOC TX	Remarks									
	10/25/23	S	1	SP Comp 11 - 6'	11							X											
				SP Comp 12 - 6'	12																		
				SP Comp 13 - 6'	13																		
				SP Comp 14 - 6'	14																		
				SP Comp 15 - 6'	15																		
				SP Comp 16 - 6'	16																		
				SP Comp 17 - 6'	17																		
				SP Comp 18 - 6'	18																		
				SP Comp 19 - 6'	19																		
	10/25/23	S	1	SP Comp 20 - 6'	20							X											
Additional Instructions:																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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>Juan Solis</u>												Lab Use Only											
Relinquished by: (Signature)			Date		Time		Received by: (Signature)			Date		Time		Received on ice: <u>Y</u> / N									
<u>Juan Solis</u>			10/25/23				<u>Michelle Gayle</u>			10/26/23		1240											
<u>Michelle Gayle</u>			10/26/23		1615		<u>Andrea Nish</u>			10/26/23		1730		T1 _____ T2 _____ T3 _____									
<u>Andrea Nish</u>			10/26/23		2330		<u>Carli Mac</u>			10/27/23		8:15		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.																							

Project Information

Chain of Custody

Client: <u>TCR Rock</u> Project: <u>Jackson 16</u> Project Manager: <u>Natalie</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>E310275</u> Job Number <u>20046-0001</u> Analysis and Method	TAT 1D <input type="checkbox"/> 2D <input checked="" type="checkbox"/> 3D <input type="checkbox"/> Standard	EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>
--	--	--	--	--

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	BDOC NM	BDOC TX	Remarks
	10/25/23	S	1	SP Comp 21 - 6'	21							X		
				SP Comp 22 - 6'	22									
				SP Comp 23 - 6'	23									
	10/25/23	S	1	SP Comp 24 - 6'	24							X		

Additional Instructions:

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

Sampled by: John 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) <u>John Solis</u>	Date <u>10/25/23</u>	Time <u></u>	Received by: (Signature) <u>Michelle Gayle</u>	Date <u>10-26-23</u>	Time <u>1240</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 <u></u> T2 <u></u> T3 <u></u> AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gayle</u>	Date <u>10-26-23</u>	Time <u>1615</u>	Received by: (Signature) <u>John Solis</u>	Date <u>10-26-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>John Solis</u>	Date <u>10-26-23</u>	Time <u>2320</u>	Received by: (Signature) <u>Carla Man</u>	Date <u>10-27-23</u>	Time <u>8:15</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: 10/27/2023 11:01:36AM

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:	10/27/23 08:15	Work Order ID:	E310275
Phone:	(575) 390-6397	Date Logged In:	10/26/23 18:03	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	10/30/23 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



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16

Work Order: E310287

Job Number: 20046-0001

Received: 10/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/31/23

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

Date Reported: 10/31/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 16
Workorder: E310287
Date Received: 10/30/2023 8:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2023 8:30:00AM, under the Project Name: Jackson 16.

The analytical test results summarized in this report with the Project Name: Jackson 16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP Comp 25 - 6'	6
SP Comp 26 - 6'	7
SP Comp 27 - 6'	8
SP Comp 28 - 6'	9
SP Comp 29 - 6'	10
SP Comp 30 - 6'	11
SP Comp 31 - 6'	12
SP Comp 32 - 6'	13
SP Comp 33 - 6'	14
SP Comp 34 - 2'	15
SP Comp 35 - 2'	16
SP Comp 36 - 2'	17
SP Comp 37 - 6'	18
SP Comp 38 - 2'	19
SP Comp 39 - 2'	20
SP Comp 40 - 6'	21
SP Comp 41 - 6'	22
SP Comp 42 - 6'	23
SP Comp 43 - 6'	24
SP Comp 44 - 6'	25

Table of Contents (continued)

SP Comp 45 - 6'	26
SP Comp 46 - 6'	27
SP Comp 47 - 6'	28
SP Comp 48 - 8'	29
SP Comp 49 - 8'	30
SP Comp 50 - 10'	31
SP Comp 51 - 10'	32
SP Comp 52 - 10'	33
QC Summary Data	34
QC - Volatile Organics by EPA 8021B	34
QC - Nonhalogenated Organics by EPA 8015D - GRO	36
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	38
QC - Anions by EPA 300.0/9056A	40
Definitions and Notes	42
Chain of Custody etc.	43

Sample Summary

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/23 14:56
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
SP Comp 25 - 6'	E310287-01A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 26 - 6'	E310287-02A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 27 - 6'	E310287-03A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 28 - 6'	E310287-04A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 29 - 6'	E310287-05A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 30 - 6'	E310287-06A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 31 - 6'	E310287-07A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 32 - 6'	E310287-08A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 33 - 6'	E310287-09A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 34 - 2'	E310287-10A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 35 - 2'	E310287-11A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 36 - 2'	E310287-12A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 37 - 6'	E310287-13A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 38 - 2'	E310287-14A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 39 - 2'	E310287-15A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 40 - 6'	E310287-16A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 41 - 6'	E310287-17A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 42 - 6'	E310287-18A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 43 - 6'	E310287-19A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 44 - 6'	E310287-20A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 45 - 6'	E310287-21A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 46 - 6'	E310287-22A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 47 - 6'	E310287-23A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 48 - 8'	E310287-24A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 49 - 8'	E310287-25A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 50 - 10'	E310287-26A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 51 - 10'	E310287-27A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.
SP Comp 52 - 10'	E310287-28A	Soil	10/26/23	10/30/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

SP Comp 25 - 6'

E310287-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2344005
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.7 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.2 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2344004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
<i>Surrogate: n-Nonane</i>	87.8 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2344008
Chloride	90.0	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 26 - 6'
E310287-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
Surrogate: n-Nonane	87.3 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	48.9	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 27 - 6'
E310287-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
<i>Surrogate: n-Nonane</i>						
	89.2 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	76.9	20.0	1	10/30/23	10/31/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/31/2023 2:56:29PM

SP Comp 28 - 6'

E310287-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
<i>Surrogate: n-Nonane</i>						
	73.5 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	48.7	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 29 - 6'
E310287-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	96.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
Surrogate: n-Nonane	84.6 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	119	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 30 - 6'
E310287-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	44.4	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 31 - 6'

E310287-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
<i>Surrogate: n-Nonane</i>						
	81.2 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	121	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 32 - 6'

E310287-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	95.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.1 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
Surrogate: n-Nonane	85.4 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	46.9	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/31/2023 2:56:29PM

SP Comp 33 - 6'

E310287-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344005
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	86.0 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344008
Chloride	ND	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 34 - 2'
E310287-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.3 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	85.1 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	43.3	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 35 - 2'
E310287-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	82.9 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	122	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 36 - 2'
E310287-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	83.0 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	42.5	20.0	1	10/30/23	10/31/23	

Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 37 - 6'
E310287-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	89.1 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	43.7	20.0	1	10/30/23	10/31/23	

Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 38 - 2'
E310287-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	83.4 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	127	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 39 - 2'
E310287-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	85.5 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	50.3	20.0	1	10/30/23	10/31/23	

Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 40 - 6'
E310287-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	91.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.8 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	88.7 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	ND	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 41 - 6'
E310287-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	90.4 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	81.0	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 42 - 6'

E310287-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/31/23	
Toluene	ND	0.0250	1	10/30/23	10/31/23	
o-Xylene	ND	0.0250	1	10/30/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	82.4 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	ND	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 43 - 6'
E310287-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Benzene	ND	0.0250	1	10/30/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/31/23	
Toluene	ND	0.0250	1	10/30/23	10/31/23	
o-Xylene	ND	0.0250	1	10/30/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID	90.2 %	70-130		10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	80.8 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344008	
Chloride	127	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/31/2023 2:56:29PM

SP Comp 44 - 6'

E310287-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344005
Benzene	ND	0.0250	1	10/30/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/31/23	
Toluene	ND	0.0250	1	10/30/23	10/31/23	
o-Xylene	ND	0.0250	1	10/30/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.9 %	70-130		10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	83.2 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344008
Chloride	46.6	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/31/2023 2:56:29PM

SP Comp 45 - 6'

E310287-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344003
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
<i>Surrogate: n-Nonane</i>						
	75.3 %	50-200		10/30/23	10/30/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 46 - 6'
E310287-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344006	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	78.1 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344007	
Chloride	67.0	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 47 - 6'
E310287-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344006	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	77.0 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344007	
Chloride	124	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 48 - 8'

E310287-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.7 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344006	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>	84.0 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344007	
Chloride	48.0	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 49 - 8'
E310287-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344006	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	81.1 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344007	
Chloride	ND	20.0	1	10/30/23	10/31/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
10/31/2023 2:56:29PM

SP Comp 50 - 10'

E310287-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344003
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	83.6 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344007
Chloride	44.6	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 51 - 10'
E310287-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344006	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	81.5 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344007	
Chloride	120	20.0	1	10/30/23	10/31/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 10/31/2023 2:56:29PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 52 - 10'
E310287-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ethylbenzene	ND	0.0250	1	10/30/23	10/30/23	
Toluene	ND	0.0250	1	10/30/23	10/30/23	
o-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID	96.6 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344006	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane	84.4 %	50-200		10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344007	
Chloride	51.8	20.0	1	10/30/23	10/31/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344003-BLK1) Prepared: 10/30/23 Analyzed: 10/30/23

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: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

LCS (2344003-BS1) Prepared: 10/30/23 Analyzed: 10/30/23

Benzene	4.73	0.0250	5.00		94.5	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130			
Toluene	4.79	0.0250	5.00		95.8	70-130			
o-Xylene	4.81	0.0250	5.00		96.1	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike (2344003-MS1) Source: E310286-01 Prepared: 10/30/23 Analyzed: 10/30/23

Benzene	4.81	0.0250	5.00	ND	96.2	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.3	61-133			
Toluene	4.87	0.0250	5.00	ND	97.4	61-130			
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131			
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

Matrix Spike Dup (2344003-MSD1) Source: E310286-01 Prepared: 10/30/23 Analyzed: 10/30/23

Benzene	4.78	0.0250	5.00	ND	95.7	54-133	0.610	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133	0.224	20	
Toluene	4.86	0.0250	5.00	ND	97.1	61-130	0.289	20	
o-Xylene	4.87	0.0250	5.00	ND	97.3	63-131	0.266	20	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131	0.0812	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	0.142	20	
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344005-BLK1)Prepared: 10/30/23 Analyzed: 10/30/23

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: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

LCS (2344005-BS1)Prepared: 10/30/23 Analyzed: 10/30/23

Benzene	4.54	0.0250	5.00		90.8	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.0	70-130			
Toluene	4.63	0.0250	5.00		92.6	70-130			
o-Xylene	4.62	0.0250	5.00		92.5	70-130			
p,m-Xylene	9.32	0.0500	10.0		93.2	70-130			
Total Xylenes	13.9	0.0250	15.0		93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			

Matrix Spike (2344005-MS1)Source: E310287-03Prepared: 10/30/23 Analyzed: 10/30/23

Benzene	4.69	0.0250	5.00	ND	93.8	54-133			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	61-133			
Toluene	4.78	0.0250	5.00	ND	95.6	61-130			
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

Matrix Spike Dup (2344005-MSD1)Source: E310287-03Prepared: 10/30/23 Analyzed: 10/30/23

Benzene	4.64	0.0250	5.00	ND	92.8	54-133	1.10	20	
Ethylbenzene	4.59	0.0250	5.00	ND	91.9	61-133	1.02	20	
Toluene	4.74	0.0250	5.00	ND	94.8	61-130	0.844	20	
o-Xylene	4.74	0.0250	5.00	ND	94.8	63-131	0.590	20	
p,m-Xylene	9.51	0.0500	10.0	ND	95.1	63-131	1.02	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.0	63-131	0.879	20	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344003-BLK1)

Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

LCS (2344003-BS2)

Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

Matrix Spike (2344003-MS2)

Source: E310286-01 Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

Matrix Spike Dup (2344003-MSD2)

Source: E310286-01 Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	1.16	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344005-BLK1) Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			

LCS (2344005-BS2) Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike (2344005-MS2) Source: E310287-03 Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

Matrix Spike Dup (2344005-MSD2) Source: E310287-03 Prepared: 10/30/23 Analyzed: 10/30/23

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	3.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344004-BLK1)					Prepared: 10/30/23 Analyzed: 10/30/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.3		50.0		94.6	50-200			

LCS (2344004-BS1)					Prepared: 10/30/23 Analyzed: 10/30/23				
Diesel Range Organics (C10-C28)	242	25.0	250		96.6	38-132			
Surrogate: n-Nonane	44.3		50.0		88.6	50-200			

Matrix Spike (2344004-MS1)					Source: E310287-05		Prepared: 10/30/23 Analyzed: 10/30/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
Surrogate: n-Nonane	44.2		50.0		88.5	50-200			

Matrix Spike Dup (2344004-MSD1)					Source: E310287-05		Prepared: 10/30/23 Analyzed: 10/30/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	2.08	20	
Surrogate: n-Nonane	45.5		50.0		91.0	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344006-BLK1)					Prepared: 10/30/23 Analyzed: 10/30/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			

LCS (2344006-BS1)					Prepared: 10/30/23 Analyzed: 10/30/23				
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			

Matrix Spike (2344006-MS1)					Source: E310286-04		Prepared: 10/30/23 Analyzed: 10/30/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	38-132			
Surrogate: n-Nonane	41.3		50.0		82.7	50-200			

Matrix Spike Dup (2344006-MSD1)					Source: E310286-04		Prepared: 10/30/23 Analyzed: 10/30/23		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132	2.77	20	
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

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 (2344007-BLK1)					Prepared: 10/30/23 Analyzed: 10/30/23				
Chloride	ND	20.0							
LCS (2344007-BS1)					Prepared: 10/30/23 Analyzed: 10/30/23				
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2344007-MS1)					Source: E310253-01		Prepared: 10/30/23 Analyzed: 10/30/23		
Chloride	684	20.0	250	448	94.5	80-120			
Matrix Spike Dup (2344007-MSD1)					Source: E310253-01		Prepared: 10/30/23 Analyzed: 10/30/23		
Chloride	695	20.0	250	448	98.6	80-120	1.49	20	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/2023 2:56:29PM

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 (2344008-BLK1)					Prepared: 10/30/23 Analyzed: 10/31/23				
Chloride	ND	20.0							
LCS (2344008-BS1)					Prepared: 10/30/23 Analyzed: 10/31/23				
Chloride	248	20.0	250		99.4	90-110			
Matrix Spike (2344008-MS1)					Source: E310287-03		Prepared: 10/30/23 Analyzed: 10/31/23		
Chloride	359	20.0	250	76.9	113	80-120			
Matrix Spike Dup (2344008-MSD1)					Source: E310287-03		Prepared: 10/30/23 Analyzed: 10/31/23		
Chloride	330	20.0	250	76.9	101	80-120	8.47	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 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/31/23 14:56

- 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 3

Client: <u>TCPRoc</u>					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Jackson 16</u>					Attention: ENERGY STAFFING SERVICES					Lab WO# <u>E310287</u>					Job Number <u>200460001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie</u>					Address: 2724 NW COUNTY RD																			
Address:					City, State, Zip <u>HOBBS, NM 88240</u>					Analysis and Method														
City, State, Zip					Phone: 575-393-9048																			
Phone:					Email: NATALIE@ENERGYSTAFFINGLLC.COM																			
Email:					BRITTNEY@ENERGYSTAFFINGLLC.COM																			
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		BGDOC NM	BGDOC TX										
	10/26/23	S	1	SP Comp 25 - 6'	1								X											
				SP Comp 26 - 6'	2																			
				SP Comp 27 - 6'	3																			
				SP Comp 28 - 6'	4																			
				SP Comp 29 - 6'	5																			
				SP Comp 30 - 6'	6																			
				SP Comp 31 - 6'	7																			
				SP Comp 32 - 4'	8																			
				SP Comp 33 - 2'	9																			
	10/4/23	S	1	SP Comp 34 - 2'	10								X											
Additional Instructions:																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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>John Sols</u>																								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only												
<u>John Sols</u>		10/26/23				<u>Michelle Gay</u>		10/27/23		1025		Received on ice: <u>Y</u> / N												
<u>Michelle Gay</u>		10/27/23		1630		<u>Andrew Russo</u>		10/27/23		1800		T1 _____ T2 _____ T3 _____												
<u>Andrew Russo</u>		10/27/23		2400		<u>Carth Man</u>		10/30/23		8:30		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.																								

Page 2 of 3

Project Information

Chain of Custody

Client: <u>TCPro</u>				Bill To				Lab Use Only				TAT				EPA Program					
Project: <u>Jackson 16</u>				Attention: <u>ENERGY STAFFING SERVICES</u>				Lab WO# <u>E310287</u>				Job Number <u>20046-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie</u>				Address: <u>2724 NW COUNTY RD</u>				Analysis and Method								RCRA					
Address:				City, State, Zip <u>HOBBS, NM 88240</u>																	
City, State, Zip				Phone: <u>575-393-9048</u>																	
Phone:				Email: <u>NATALIE@ENERGYSTAFFINGLLC.COM</u>																	
Email:				BRITTNEY@ENERGYSTAFFINGLLC.COM																	
Report due by:																					
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							
	10/26/23	S	1	SP Comp 35 - 2'	11								X								
				SP Comp 36 - 2'	12																
				SP Comp 37 - 6'	13																
				SP Comp 38 - 2'	14																
				SP Comp 39 - 2'	15																
				SP Comp 40 - 6'	16																
				SP Comp 41 - 6'	17																
				SP Comp 42 - 6'	18																
				SP Comp 43 - 6'	19																
	10/26/23	S	1	SP Comp 44 - 6'	20								X								
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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>Juan Solis</u>																					
Relinquished by: (Signature) <u>Juan Solis</u>				Date <u>10/26/23</u>		Time		Received by: (Signature) <u>Michelle Gayle</u>				Date <u>11-27-23</u>		Time <u>1325</u>		Lab Use Only					
Relinquished by: (Signature) <u>Michelle Gayle</u>				Date <u>10-27-23</u>		Time <u>1630</u>		Received by: (Signature) <u>Andrew Russo</u>				Date <u>10-27-23</u>		Time <u>1800</u>		Received on ice: <u>(Y) / N</u>					
Relinquished by: (Signature) <u>Andrew Russo</u>				Date <u>10-27-23</u>		Time <u>2400</u>		Received by: (Signature) <u>Cathy Moore</u>				Date <u>10-30-23</u>		Time <u>8:30</u>		T1 _____ T2 _____ T3 _____					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												AVG Temp °C <u>4</u>									
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.																					

Page 3 of 3

Project Information

Chain of Custody

Client: <u>TCR</u>				Bill To				Lab Use Only				TAT				EPA Program					
Project: <u>Section 16</u>				Attention: ENERGY STAFFING SERVICES				Lab WO# <u>E310287</u>				Job Number <u>20046-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie</u>				Address: 2724 NW COUNTY RD				Analysis and Method								RCRA					
Address:				City, State, Zip HOBBS, NM 88240																	
City, State, Zip				Phone: 575-393-9048																	
Phone:				Email: NATALIE@ENERGYSTAFFINGLLC.COM																	
Email:				BRITTNEY@ENERGYSTAFFINGLLC.COM																	
Report due by:																					
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		BDOC NM	BDOC TX							
	10/26/23	S	1	SP Comp 45 - 6'	21								X								
				SP Comp 46 - 6'	22																
				SP Comp 47 - 6'	23																
				SP Comp 48 - 8'	24																
				SP Comp 49 - 8'	25																
				SP Comp 50 - 10'	26																
				SP Comp 51 - 10'	27																
	10/26/23	S	1	SP Comp 52 - 10'	28								X								
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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>Jon Solis</u>												Lab Use Only									
Relinquished by: (Signature) <u>Jon Solis</u>				Date <u>10/26/23</u>		Time		Received by: (Signature) <u>Michelle Gay</u>				Date <u>11-27-23</u>		Time <u>1325</u>		Received on ice: <u>(Y)/ N</u>					
Relinquished by: (Signature) <u>Michelle Gay</u>				Date <u>10-27-23</u>		Time <u>1630</u>		Received by: (Signature) <u>Andrew N460</u>				Date <u>10-27-23</u>		Time <u>1800</u>		T1 _____ T2 _____ T3 _____					
Relinquished by: (Signature) <u>Andrew N460</u>				Date <u>10-27-23</u>		Time <u>2400</u>		Received by: (Signature) <u>Carla Mar</u>				Date <u>10-30-23</u>		Time <u>8:30</u>		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: 10/30/2023 9:11:38AM

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:	10/30/23 08:30	Work Order ID:	E310287
Phone:	(575) 390-6397	Date Logged In:	10/27/23 15:53	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	10/31/23 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.

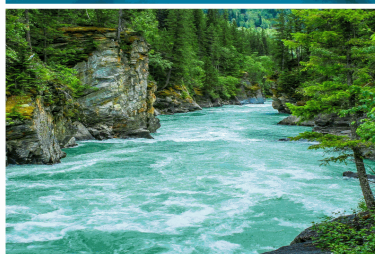
Date



envirotech Inc.

Report to:

Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16

Work Order: E310298

Job Number: 20046-0001

Received: 10/31/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/1/23

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.
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: 11/1/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 16
Workorder: E310298
Date Received: 10/31/2023 8:20:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/31/2023 8:20:00AM, under the Project Name: Jackson 16.

The analytical test results summarized in this report with the Project Name: Jackson 16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP COMP 53-4	6
SP COMP 54-4	7
SP COMP 55-4	8
SP COMP 56-4	9
SP COMP 57-4	10
SP COMP 58-4	11
SP COMP 59-4	12
SP COMP 60-4	13
SP COMP 61-4	14
SP COMP 62-4	15
SP COMP 63-4	16
SP COMP 64-4	17
SP COMP 65-4	18
SP COMP 66-4	19
SP COMP 67-4	20
SP COMP 68-4	21
SP COMP 69-4	22
SP COMP 70-4	23
SP COMP 71-4	24
SP COMP 72-4	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Tap Rock	Project Name:	Jackson 16	Reported: 11/01/23 15:58
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
SP COMP 53-4	E310298-01A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 54-4	E310298-02A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 55-4	E310298-03A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 56-4	E310298-04A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 57-4	E310298-05A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 58-4	E310298-06A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 59-4	E310298-07A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 60-4	E310298-08A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 61-4	E310298-09A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 62-4	E310298-10A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 63-4	E310298-11A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 64-4	E310298-12A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 65-4	E310298-13A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 66-4	E310298-14A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 67-4	E310298-15A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 68-4	E310298-16A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 69-4	E310298-17A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 70-4	E310298-18A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 71-4	E310298-19A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
SP COMP 72-4	E310298-20A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/1/2023 3:58:21PM

SP COMP 53-4

E310298-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.1 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>	91.4 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 54-4

E310298-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.6 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>	94.8 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 55-4

E310298-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 56-4

E310298-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	91.1 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 57-4

E310298-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	92.7 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 58-4
E310298-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID	97.1 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
Surrogate: n-Nonane	93.5 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 59-4
E310298-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	93.8 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 60-4
E310298-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
	91.9 %	50-200		10/31/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 61-4

E310298-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.9 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
<i>Surrogate: n-Nonane</i>						
		94.2 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 62-4
E310298-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID	99.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.0 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane	94.6 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 63-4

E310298-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
		90.5 %	50-200	10/31/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 64-4

E310298-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.9 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 65-4
E310298-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.3 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	87.1 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 66-4
E310298-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID	98.3 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.6 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane	91.2 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 67-4
E310298-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	93.9 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 68-4

E310298-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.8 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.0 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>	95.2 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 69-4

E310298-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	88.8 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/1/2023 3:58:21PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP COMP 70-4
E310298-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID	99.1 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane	97.3 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/1/2023 3:58:21PM

SP COMP 71-4

E310298-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	79.3 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/1/2023 3:58:21PM

SP COMP 72-4

E310298-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Benzene	ND	0.0250	1	10/31/23	10/31/23	
Ethylbenzene	ND	0.0250	1	10/31/23	10/31/23	
Toluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
p,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID	98.2 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.3 %	70-130		10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane	91.2 %	50-200		10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344028	
Chloride	ND	20.0	1	10/31/23	11/01/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/1/2023 3:58:21PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344018-BLK1) Prepared: 10/31/23 Analyzed: 10/31/23

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	7.43		8.00		92.9	70-130			

LCS (2344018-BS1) Prepared: 10/31/23 Analyzed: 10/31/23

Benzene	4.59	0.0250	5.00		91.9	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.76	0.0250	5.00		95.3	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			

Matrix Spike (2344018-MS1) Source: E310298-06 Prepared: 10/31/23 Analyzed: 10/31/23

Benzene	4.54	0.0250	5.00	ND	90.7	54-133			
Ethylbenzene	4.74	0.0250	5.00	ND	94.9	61-133			
Toluene	4.71	0.0250	5.00	ND	94.3	61-130			
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131			
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.1	70-130			

Matrix Spike Dup (2344018-MSD1) Source: E310298-06 Prepared: 10/31/23 Analyzed: 10/31/23

Benzene	4.86	0.0250	5.00	ND	97.3	54-133	6.99	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133	7.32	20	
Toluene	5.05	0.0250	5.00	ND	101	61-130	6.96	20	
o-Xylene	5.15	0.0250	5.00	ND	103	63-131	7.00	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	7.25	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	7.16	20	
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/1/2023 3:58:21PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344018-BLK1) Prepared: 10/31/23 Analyzed: 10/31/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			

LCS (2344018-BS2) Prepared: 10/31/23 Analyzed: 10/31/23

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			

Matrix Spike (2344018-MS2) Source: E310298-06 Prepared: 10/31/23 Analyzed: 10/31/23

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

Matrix Spike Dup (2344018-MSD2) Source: E310298-06 Prepared: 10/31/23 Analyzed: 10/31/23

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130	2.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/1/2023 3:58:21PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344024-BLK1)					Prepared: 10/31/23 Analyzed: 10/31/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			

LCS (2344024-BS1)					Prepared: 10/31/23 Analyzed: 10/31/23				
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	47.6		50.0		95.1	50-200			

Matrix Spike (2344024-MS1)					Source: E310298-08		Prepared: 10/31/23 Analyzed: 10/31/23		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	48.8		50.0		97.5	50-200			

Matrix Spike Dup (2344024-MSD1)					Source: E310298-08		Prepared: 10/31/23 Analyzed: 10/31/23		
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132	7.34	20	
Surrogate: n-Nonane	51.4		50.0		103	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/1/2023 3:58:21PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344028-BLK1)					Prepared: 10/31/23 Analyzed: 11/01/23				
Chloride	ND	20.0							
LCS (2344028-BS1)					Prepared: 10/31/23 Analyzed: 11/01/23				
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2344028-MS1)					Source: E310298-07		Prepared: 10/31/23 Analyzed: 11/01/23		
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2344028-MSD1)					Source: E310298-07		Prepared: 10/31/23 Analyzed: 11/01/23		
Chloride	254	20.0	250	ND	102	80-120	2.10	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 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/01/23 15:58

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: <u>Top Rock</u>					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>Dark 500 LG</u>					Attention: ENERGY STAFFING SERVICES					Lab WO# <u>E310298</u>					Job Number <u>200460001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Natalie</u>					Address: 2724 NW COUNTY RD																			
Address:					City, State, Zip <u>HOBBS, NM 88240</u>					Analysis and Method														
City, State, Zip					Phone: 575-393-9048																			
Phone:					Email: NATALIE@ENERGYSTAFFINGLLC.COM																			
Email:					BRITTNEY@ENERGYSTAFFINGLLC.COM																			
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			BGDOC NM	BGDOC TX									
	10/27/23	S	1	Spcomp 53-4	1									X										
				Spcomp 54-4	2																			
				Spcomp 55-4	3																			
				Spcomp 56-4	4																			
				Spcomp 57-4	5																			
				Spcomp 58-4	6																			
				Spcomp 59-4	7																			
				Spcomp 60-4	8																			
				Spcomp 61-4	9																			
	10/27/23	S	1	Spcomp 62-4	10									X										

Additional Instructions:

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

Sampled by: Andy Toruga

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>Andy Toruga</u>	Date <u>10/27/23</u>	Time	Received by: (Signature) <u>Michelle Gay</u>	Date <u>10/30/23</u>	Time <u>1:30</u>	Lab Use Only Received on ice: <u>(Y)</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gay</u>	Date <u>10/30/23</u>	Time <u>11:15</u>	Received by: (Signature) <u>Sam Lust</u>	Date <u>10/30/23</u>	Time <u>16:50</u>	
Relinquished by: (Signature) <u>Sam Lust</u>	Date <u>10/30/23</u>	Time <u>22:30</u>	Received by: (Signature) <u>Caitlin Man</u>	Date <u>10/31/23</u>	Time <u>8:20</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.

 **enviro+tech**

Project Information

Chain of Custody

Page 2 of 2

Client: <u>Tap Rock</u>	Bill To	Lab Use Only	TAT	EPA Program
Project: <u>Jackson Co</u>	Attention: ENERGY STAFFING SERVICES	Lab WO# <u>E310298</u>	1D 2D 3D	CWA SDWA
Project Manager: <u>Natalie</u>	Address: 2724 NW COUNTY RD	Job Number <u>200460001</u>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Address:	City, State, Zip <u>HOBBS, NM 88240</u>	Analysis and Method		RCRA
City, State, Zip	Phone: 575-393-9048			
Phone:	Email: NATALIE@ENERGYSTAFFINGLLC.COM			State
Email:	BRITTNEY@ENERGYSTAFFINGLLC.COM			NM CO UT AZ TX
Report due by:				

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
	10/27/23	S	1	SPcomp 63-4	11									
				SPcomp 64-4	12									
				SPcomp 65-4	13									
				SPcomp 66-4	14									
				SPcomp 67-4	15									
				SPcomp 68-4	16									
				SPcomp 69-4	17									
				SPcomp 70-4	18									
				SPcomp 71-4	19									
	10/27/23	S	1	SPcomp 72-4	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.

Sampled by: Andy Toruaga

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>Andy Toruaga</u>	Date <u>10/27/23</u>	Time <u>16:15</u>	Received by: (Signature) <u>Michelle Camp</u>	Date <u>10/30/23</u>	Time <u>13:30</u>	Lab Use Only
Relinquished by: (Signature) <u>Michelle Camp</u>	Date <u>10/28/23</u>	Time <u>16:15</u>	Received by: (Signature) <u>Michelle Camp</u>	Date <u>10/30/23</u>	Time <u>16:50</u>	Received on ice: <u>(Y)/N</u>
Relinquished by: (Signature) <u>Sam L...</u>	Date <u>10/30/23</u>	Time <u>22:30</u>	Received by: (Signature) <u>Carth Man</u>	Date <u>10/31/23</u>	Time <u>8:20</u>	T1 _____ T2 _____ T3 _____
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA		AVG Temp °C <u>4</u>

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: 10/31/2023 9:21:06AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Tap Rock	Date Received:	10/31/23 08:20	Work Order ID:	E310298
Phone:	(575) 390-6397	Date Logged In:	10/30/23 15:56	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	11/01/23 17:00 (1 day TAT)		

Chain of Custody (COC)

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



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16

Work Order: E310304

Job Number: 20046-0001

Received: 11/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/2/23

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

Date Reported: 11/2/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 16
Workorder: E310304
Date Received: 11/1/2023 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/1/2023 8:15:00AM, under the Project Name: Jackson 16.

The analytical test results summarized in this report with the Project Name: Jackson 16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SP Comp 74 - 4'	6
SP Comp 75 - 4'	7
SP Comp 76 - 4'	8
SP Comp 77 - 4'	9
SP Comp 78 - 4'	10
SP Comp 79 - 4'	11
SP Comp 80 - 4'	12
SP Comp 81 - 4'	13
SP Comp 82 - 4'	14
SP Comp 83 - 4'	15
SP Comp 84 - 4'	16
SP Comp 85 - 4'	17
SP Comp 86 - 4'	18
SP Comp 87 - 4'	19
SP Comp 88 - 4'	20
SP Comp 89 - 4'	21
SP Comp 90 - 4'	22
SP Comp 91 - 4'	23
SP Comp 92 - 4'	24
SP Comp 93 - 4'	25

Table of Contents (continued)

SP Comp 94 - 4'	26
SP Comp 95 - 4'	27
SP Comp 96 - 4'	28
SP Comp 97 - 4'	29
QC Summary Data	30
QC - Volatile Organics by EPA 8021B	30
QC - Nonhalogenated Organics by EPA 8015D - GRO	32
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	34
QC - Anions by EPA 300.0/9056A	36
Definitions and Notes	38
Chain of Custody etc.	39

Sample Summary

Tap Rock	Project Name:	Jackson 16	Reported: 11/02/23 16:44
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
SP Comp 74 - 4'	E310304-01A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 75 - 4'	E310304-02A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 76 - 4'	E310304-03A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 77 - 4'	E310304-04A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 78 - 4'	E310304-05A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 79 - 4'	E310304-06A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 80 - 4'	E310304-07A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 81 - 4'	E310304-08A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 82 - 4'	E310304-09A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 83 - 4'	E310304-10A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 84 - 4'	E310304-11A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 85 - 4'	E310304-12A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 86 - 4'	E310304-13A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 87 - 4'	E310304-14A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 88 - 4'	E310304-15A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 89 - 4'	E310304-16A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 90 - 4'	E310304-17A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 91 - 4'	E310304-18A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 92 - 4'	E310304-19A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 93 - 4'	E310304-20A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 94 - 4'	E310304-21A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 95 - 4'	E310304-22A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 96 - 4'	E310304-23A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.
SP Comp 97 - 4'	E310304-24A	Soil	10/30/23	11/01/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

SP Comp 74 - 4'

E310304-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.9 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.1 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>	95.9 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 75 - 4'
E310304-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 76 - 4'

E310304-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 77 - 4'

E310304-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.2 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>		96.2 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 78 - 4'

E310304-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 79 - 4'
E310304-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
Surrogate: 4-Bromochlorobenzene-PID	95.3 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.8 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
Surrogate: n-Nonane	91.4 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 80 - 4'

E310304-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	92.3 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 81 - 4'

E310304-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		11/01/23	11/01/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 82 - 4'

E310304-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	98.5 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 83 - 4'

E310304-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.9 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.8 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>		96.8 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 84 - 4'

E310304-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	90.4 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 85 - 4'
E310304-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane	94.0 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 86 - 4'

E310304-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.3 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>	87.3 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 87 - 4'
E310304-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	91.7 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 88 - 4'
E310304-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.1 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane	92.3 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 89 - 4'

E310304-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	87.9 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 90 - 4'
E310304-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	92.7 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 91 - 4'

E310304-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	95.2 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 92 - 4'
E310304-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		92.6 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/2/2023 4:44:06PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SP Comp 93 - 4'
E310304-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane	91.6 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2344047	
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 94 - 4'

E310304-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344039
Benzene	ND	0.0250	1	11/01/23	11/01/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/01/23	
Toluene	ND	0.0250	1	11/01/23	11/01/23	
o-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	90.5 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344048
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 95 - 4'

E310304-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344039
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344048
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 96 - 4'

E310304-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344039
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	94.1 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2344048
Chloride	ND	20.0	1	11/01/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/2/2023 4:44:06PM

SP Comp 97 - 4'

E310304-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344039	
Benzene	ND	0.0250	1	11/01/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/01/23	11/02/23	
Toluene	ND	0.0250	1	11/01/23	11/02/23	
o-Xylene	ND	0.0250	1	11/01/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344038	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		11/01/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2344048	
Chloride	ND	20.0	1	11/01/23	11/02/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344039-BLK1) Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

LCS (2344039-BS1) Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
o-Xylene	5.17	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

Matrix Spike (2344039-MS1) Source: E310303-07 Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	5.33	0.0250	5.00	ND	107	54-133			
Ethylbenzene	5.26	0.0250	5.00	ND	105	61-133			
Toluene	5.30	0.0250	5.00	ND	106	61-130			
o-Xylene	5.28	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			

Matrix Spike Dup (2344039-MSD1) Source: E310303-07 Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	5.25	0.0250	5.00	ND	105	54-133	1.54	20	
Ethylbenzene	5.19	0.0250	5.00	ND	104	61-133	1.25	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	1.42	20	
o-Xylene	5.21	0.0250	5.00	ND	104	63-131	1.34	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	1.00	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131	1.12	20	
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344040-BLK1)Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			

LCS (2344040-BS1)Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.3	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike (2344040-MS1)Source: E310304-01Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	5.17	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.1	61-133			
Toluene	5.15	0.0250	5.00	ND	103	61-130			
o-Xylene	5.09	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike Dup (2344040-MSD1)Source: E310304-01Prepared: 11/01/23 Analyzed: 11/01/23

Benzene	5.07	0.0250	5.00	ND	101	54-133	1.86	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	61-133	1.91	20	
Toluene	5.06	0.0250	5.00	ND	101	61-130	1.79	20	
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	1.90	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.84	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	1.86	20	
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344039-BLK1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			

LCS (2344039-BS2)					Prepared: 11/01/23 Analyzed: 11/01/23				
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.40		8.00		105	70-130			

Matrix Spike (2344039-MS2)					Source: E310303-07		Prepared: 11/01/23 Analyzed: 11/01/23		
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

Matrix Spike Dup (2344039-MSD2)					Source: E310303-07		Prepared: 11/01/23 Analyzed: 11/01/23		
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130	0.334	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344040-BLK1) Prepared: 11/01/23 Analyzed: 11/01/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

LCS (2344040-BS2) Prepared: 11/01/23 Analyzed: 11/01/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

Matrix Spike (2344040-MS2) Source: E310304-01 Prepared: 11/01/23 Analyzed: 11/01/23

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike Dup (2344040-MSD2) Source: E310304-01 Prepared: 11/01/23 Analyzed: 11/01/23

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130	0.933	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344037-BLK1) Prepared: 11/01/23 Analyzed: 11/01/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.3		50.0		94.6	50-200			

LCS (2344037-BS1) Prepared: 11/01/23 Analyzed: 11/01/23

Diesel Range Organics (C10-C28)	235	25.0	250		94.1	38-132			
Surrogate: n-Nonane	50.1		50.0		100	50-200			

Matrix Spike (2344037-MS1) Source: E310304-04 Prepared: 11/01/23 Analyzed: 11/01/23

Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.7	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			

Matrix Spike Dup (2344037-MSD1) Source: E310304-04 Prepared: 11/01/23 Analyzed: 11/01/23

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	2.23	20	
Surrogate: n-Nonane	49.8		50.0		99.5	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344038-BLK1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.5		50.0		107	50-200			

LCS (2344038-BS1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Diesel Range Organics (C10-C28)	243	25.0	250		97.4	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike (2344038-MS1)					Source: E310303-06		Prepared: 11/01/23 Analyzed: 11/01/23		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike Dup (2344038-MSD1)					Source: E310303-06		Prepared: 11/01/23 Analyzed: 11/01/23		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	38-132	1.01	20	
Surrogate: n-Nonane	53.1		50.0		106	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

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 (2344047-BLK1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Chloride	ND	20.0							
LCS (2344047-BS1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Chloride	243	20.0	250		97.2	90-110			
Matrix Spike (2344047-MS1)					Source: E310304-07		Prepared: 11/01/23 Analyzed: 11/01/23		
Chloride	245	20.0	250	ND	97.9	80-120			
Matrix Spike Dup (2344047-MSD1)					Source: E310304-07		Prepared: 11/01/23 Analyzed: 11/01/23		
Chloride	244	20.0	250	ND	97.7	80-120	0.201	20	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/2/2023 4:44:06PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2344048-BLK1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Chloride	ND	20.0							
LCS (2344048-BS1)					Prepared: 11/01/23 Analyzed: 11/01/23				
Chloride	246	20.0	250		98.2	90-110			
Matrix Spike (2344048-MS1)					Source: E310303-04		Prepared: 11/01/23 Analyzed: 11/01/23		
Chloride	247	20.0	250	ND	98.7	80-120			
Matrix Spike Dup (2344048-MSD1)					Source: E310303-04		Prepared: 11/01/23 Analyzed: 11/01/23		
Chloride	247	20.0	250	ND	98.8	80-120	0.133	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 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/02/23 16:44

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

E310303

Client: <u>Maek Energy</u> Project: <u>West Mount #1 (9/4/23)</u> Project Manager: <u>Natalie</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				TAT				EPA Program	
								Lab WO# <u>E310303</u>	Job Number <u>20046.0001</u>			1D	2D	3D	Standard	CWA	SDWA
Analysis and Method										RCRA				State			
										NM	CO	UT	AZ	TX			
										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
	10/30/23	S	1	BG 36 - Surf	1								p
				BG 37 - Surf	2								
				BG 38 - Surf	3								
				BG 39 - Surf	4								
				BG 40 - Surf	5								
				BG 41 - Surf	6								
				BG 42 - Surf	7								
				BG 43 - Surf	8								
				BG 44 - Surf	9								
	10/30/23	S	1	BG 45 - Surf	10								p

Additional Instructions:

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

Sampled by: Joe R. Alvarez

Relinquished by: (Signature) <u>Joe R. Alvarez</u>	Date <u>10/31/23</u>	Time <u>12:20</u>	Received by: (Signature) <u>Michelle Campbell</u>	Date <u>10/31/23</u>	Time <u>12:20</u>
Relinquished by: (Signature) <u>Michelle Campbell</u>	Date <u>10/31/23</u>	Time <u>15:45</u>	Received by: (Signature) <u>John M. 11/5/20</u>	Date <u>10/31/23</u>	Time <u>17:30</u>
Relinquished by: (Signature) <u>John M. 11/5/20</u>	Date <u>10/31/23</u>	Time <u>24:00</u>	Received by: (Signature) <u>Cathy Mau</u>	Date <u>11/1/23</u>	Time <u>8:15</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 2

Client: <u>Maek Energy</u>	Bill To	Lab Use Only	TAT	EPA Program
Project: <u>West Mount #1 (9/14/23)</u>	Attention: ENERGY STAFFING SERVICES	Lab WO# <u>E310303</u>	1D 2D 3D Standard	CWA SDWA
Project Manager: <u>Natalie</u>	Address: 2724 NW COUNTY RD	Job Number <u>20046-0001</u>		
Address:	City, State, Zip HOBBS, NM 88240	Analysis and Method		RCRA
City, State, Zip	Phone: 575-393-9048			
Phone:	Email: NATALIE@ENERGYSTAFFINGLLC.COM			State
Email:	BRITTNEY@ENERGYSTAFFINGLLC.COM			NM CO UT AZ TX
Report due by:				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	BDOC NM	BDOC TX	Remarks
	10/30/23	S	1	BG 46 - Surf	11									
				BG 47 - Surf	12									
				BG 48 - Surf	13									
				BG 49 - Surf	14									
				BG 50 - Surf	15									
	10/30/23	S	1	SP C07 - Surf	16									

Additional Instructions:

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

Sampled by: Jose R Alvarez

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Jose R Alvarez</u>	10/30/23		<u>Michelle Cough</u>	10-31-23	1220	Received on ice: <u>Y</u> / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3
<u>Michelle Cough</u>	10-31-23	1545	<u>John Muro</u>	10-31-23	1730	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C
<u>John Muro</u>	10-31-23	2400	<u>Cathy Man</u>	11-1-23	8:15	<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: 11/1/2023 9:55:33AM

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:	Mack Energy	Date Received:	11/01/23 08:15	Work Order ID:	E310303
Phone:	(575) 390-6397	Date Logged In:	10/31/23 14:37	Logged In By:	Caitlin Mars
Email:	Natalie@energystaffingllc.com	Due Date:	11/02/23 17:00 (1 day TAT)		

Chain of Custody (COC)

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

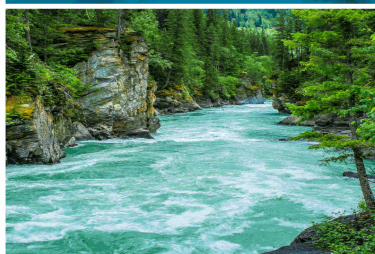
Date



envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson 16

Work Order: E311012

Job Number: 20046-0001

Received: 11/2/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/3/23

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

Date Reported: 11/3/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson 16
Workorder: E311012
Date Received: 11/2/2023 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/2/2023 8:15:00AM, under the Project Name: Jackson 16.

The analytical test results summarized in this report with the Project Name: Jackson 16 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 Golzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW COMP 1 - 4'	5
SW COMP 2 - 4'	6
SW COMP 3 - 4'	7
SW COMP 4 - 4'	8
SW COMP 5 - 4'	9
SW COMP 6 - 4'	10
SW COMP 7 - 4'	11
SW COMP 8 - 4'	12
SW COMP 9 - 4'	13
SW COMP 10 - 4'	14
SW COMP 11 - 4'	15
SW COMP 12 - 4'	16
SW COMP 13 - 4'	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

Tap Rock	Project Name:	Jackson 16	Reported: 11/03/23 16:32
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 COMP 1 - 4'	E311012-01A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 2 - 4'	E311012-02A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 3 - 4'	E311012-03A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 4 - 4'	E311012-04A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 5 - 4'	E311012-05A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 6 - 4'	E311012-06A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 7 - 4'	E311012-07A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 8 - 4'	E311012-08A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 9 - 4'	E311012-09A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 10 - 4'	E311012-10A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 11 - 4'	E311012-11A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 12 - 4'	E311012-12A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
SW COMP 13 - 4'	E311012-13A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/3/2023 4:32:33PM

SW COMP 1 - 4'

E311012-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.0 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>	97.7 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	193	20.0	1	11/02/23	11/02/23	



Sample Data

Tap Rock	Project Name:	Jackson 16	Reported: 11/3/2023 4:32:33PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW COMP 2 - 4'

E311012-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344067	
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID	98.3 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.8 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2344060	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
Surrogate: n-Nonane	96.9 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344069	
Chloride	189	20.0	1	11/02/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 3 - 4'

E311012-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	194	20.0	1	11/02/23	11/02/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 4 - 4'

E311012-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	98.1 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	190	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 5 - 4'

E311012-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	93.6 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	188	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 6 - 4'

E311012-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	180	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 7 - 4'

E311012-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/02/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
Toluene	ND	0.0250	1	11/02/23	11/02/23	
o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
		91.5 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 8 - 4'

E311012-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344067	
Benzene	ND	0.0250	1	11/02/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/03/23	
Toluene	ND	0.0250	1	11/02/23	11/03/23	
o-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344060	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	95.5 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344069	
Chloride	ND	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 9 - 4'

E311012-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/03/23	
Toluene	ND	0.0250	1	11/02/23	11/03/23	
o-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	90.9 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 10 - 4'

E311012-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/03/23	
Toluene	ND	0.0250	1	11/02/23	11/03/23	
o-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	96.4 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 11 - 4'

E311012-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/03/23	
Toluene	ND	0.0250	1	11/02/23	11/03/23	
o-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	95.3 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 12 - 4'

E311012-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Benzene	ND	0.0250	1	11/02/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/03/23	
Toluene	ND	0.0250	1	11/02/23	11/03/23	
o-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	98.0 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson 16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/3/2023 4:32:33PM

SW COMP 13 - 4'

E311012-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344067	
Benzene	ND	0.0250	1	11/02/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/02/23	11/03/23	
Toluene	ND	0.0250	1	11/02/23	11/03/23	
o-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2344060	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		11/02/23	11/02/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344069	
Chloride	ND	20.0	1	11/02/23	11/03/23	



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/3/2023 4:32:33PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344067-BLK1) Prepared: 11/02/23 Analyzed: 11/02/23

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	7.89		8.00		98.6	70-130			

LCS (2344067-BS1) Prepared: 11/02/23 Analyzed: 11/02/23

Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			

Matrix Spike (2344067-MS1) Source: E311012-07 Prepared: 11/02/23 Analyzed: 11/02/23

Benzene	5.02	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133			
Toluene	4.98	0.0250	5.00	ND	99.6	61-130			
o-Xylene	4.97	0.0250	5.00	ND	99.5	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

Matrix Spike Dup (2344067-MSD1) Source: E311012-07 Prepared: 11/02/23 Analyzed: 11/02/23

Benzene	5.27	0.0250	5.00	ND	105	54-133	4.81	20	
Ethylbenzene	5.19	0.0250	5.00	ND	104	61-133	5.00	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	4.81	20	
o-Xylene	5.20	0.0250	5.00	ND	104	63-131	4.48	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	5.01	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131	4.83	20	
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/3/2023 4:32:33PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344067-BLK1) Prepared: 11/02/23 Analyzed: 11/02/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

LCS (2344067-BS2) Prepared: 11/02/23 Analyzed: 11/02/23

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			

Matrix Spike (2344067-MS2) Source: E311012-07 Prepared: 11/02/23 Analyzed: 11/02/23

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			

Matrix Spike Dup (2344067-MSD2) Source: E311012-07 Prepared: 11/02/23 Analyzed: 11/02/23

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130	3.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/3/2023 4:32:33PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344060-BLK1)					Prepared: 11/02/23 Analyzed: 11/02/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS (2344060-BS1)					Prepared: 11/02/23 Analyzed: 11/02/23				
Diesel Range Organics (C10-C28)	235	25.0	250		94.2	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

Matrix Spike (2344060-MS1)					Source: E311009-02		Prepared: 11/02/23 Analyzed: 11/02/23		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			

Matrix Spike Dup (2344060-MSD1)					Source: E311009-02		Prepared: 11/02/23 Analyzed: 11/02/23		
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	38-132	1.78	20	
Surrogate: n-Nonane	53.7		50.0		107	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson 16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/3/2023 4:32:33PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344069-BLK1)					Prepared: 11/02/23 Analyzed: 11/02/23				
Chloride	ND	20.0							
LCS (2344069-BS1)					Prepared: 11/02/23 Analyzed: 11/02/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2344069-MS1)					Source: E311010-03		Prepared: 11/02/23 Analyzed: 11/02/23		
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2344069-MSD1)					Source: E311010-03		Prepared: 11/02/23 Analyzed: 11/02/23		
Chloride	253	20.0	250	ND	101	80-120	1.17	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 16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/03/23 16:32

- 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.



Page 1 of 2

Project Information

Chain of Custody

Client: <u>TerMor</u>				Bill To				Lab Use Only				TAT				EPA Program							
Project: <u>Jackson 16</u>				Attention: <u>ENERGY STAFFING SERVICES</u>				Lab WO# <u>E311012</u>				Job Number <u>20046-0001</u>				1D <input type="checkbox"/> 2D <input checked="" type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				CWA <input type="checkbox"/> SDWA <input type="checkbox"/>			
Project Manager: <u>Natalie</u>				Address: <u>2724 NW COUNTY RD</u>				Analysis and Method								RCRA <input type="checkbox"/>							
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							
Phone:				Email: <u>NATALIE@ENERGYSTAFFINGLLC.COM</u>				VOC by 8260				Metals 6010				Chloride 300.0							
Email:				BRITTNEY@ENERGYSTAFFINGLLC.COM				BGDOC NM				BGDOC TX				State							
Report due by:																NM <input checked="" 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																		
	10/31/23	S	1	SW Comp 1 - 4'	1																		
				SW Comp 2 - 4'	2																		
				SW Comp 3 - 4'	3																		
				SW Comp 4 - 4'	4																		
				SW Comp 5 - 4'	5																		
				SW Comp 6 - 4'	6																		
				SW Comp 7 - 4'	7																		
				SW Comp 8 - 4'	8																		
				SW Comp 9 - 4'	9																		
	10/31/23	S	1	SW Comp 10 - 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) <u>Juan Solis</u>										Received by: (Signature) <u>Michelle Gayle</u>													
Date <u>10/31/23</u>										Date <u>11-01-23</u>													
Time <u></u>										Time <u>1315</u>													
Relinquished by: (Signature) <u>Michelle Gonzalez</u>										Received by: (Signature) <u>Juan Solis</u>													
Date <u>11-1-23</u>										Date <u>11-1-23</u>													
Time <u>1530</u>										Time <u>1230</u>													
Relinquished by: (Signature) <u>Juan Solis</u>										Received by: (Signature) <u>Michelle Gayle</u>													
Date <u>11-1-23</u>										Date <u>11-2-23</u>													
Time <u>2300</u>										Time <u>8:15</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.																							



Chain of Custody



Envirotech Analytical Laboratory

Printed: 11/2/2023 9:56:32AM

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:	11/02/23 08:15	Work Order ID:	E311012
Phone:	(575) 390-6397	Date Logged In:	11/01/23 14:36	Logged In By:	Caitlin Mars
Email:	natalie@energystaffingllc.com	Due Date:	11/03/23 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

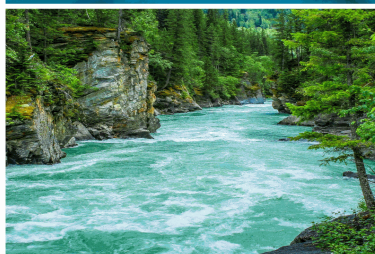
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16

Work Order: E311024

Job Number: 20046-0001

Received: 11/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/23

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

Date Reported: 11/6/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16
Workorder: E311024
Date Received: 11/3/2023 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2023 8:15:00AM, under the Project Name: Jackson #16.

The analytical test results summarized in this report with the Project Name: Jackson #16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
SW COMP 14 - 4'	6
SW COMP 15 - 4'	7
SW COMP 16 - 4'	8
SW COMP 17 - 4'	9
SW COMP 18 - 4'	10
SW COMP 19 - 4'	11
SW COMP 20 - 4'	12
SW COMP 21 - 4'	13
SW COMP 22 - 4'	14
SW COMP 23 - 4'	15
SW COMP 24 - 4'	16
SW COMP 25 - 4'	17
SW COMP 26 - 4'	18
SW COMP 27 - 4'	19
SW COMP 28 - 4'	20
SW COMP 29 - 4'	21
SW COMP 30 - 4'	22
SW COMP 31 - 4'	23
QC Summary Data	24
QC - Volatile Organics by EPA 8021B	24

Table of Contents (continued)

QC - Nonhalogenated Organics by EPA 8015D - GRO	25
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	26
QC - Anions by EPA 300.0/9056A	27
Definitions and Notes	28
Chain of Custody etc.	29

Sample Summary

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/06/23 14:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW COMP 14 - 4'	E311024-01A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 15 - 4'	E311024-02A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 16 - 4'	E311024-03A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 17 - 4'	E311024-04A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 18 - 4'	E311024-05A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 19 - 4'	E311024-06A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 20 - 4'	E311024-07A	Solid	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 21 - 4'	E311024-08A	Solid	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 22 - 4'	E311024-09A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 23 - 4'	E311024-10A	Solid	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 24 - 4'	E311024-11A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 25 - 4'	E311024-12A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 26 - 4'	E311024-13A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 27 - 4'	E311024-14A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 28 - 4'	E311024-15A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 29 - 4'	E311024-16A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 30 - 4'	E311024-17A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.
SW COMP 31 - 4'	E311024-18A	Soil	11/01/23	11/03/23	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Jackson #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/6/2023 2:22:58PM

SW COMP 14 - 4'

E311024-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Benzene	ND	0.0250	1	11/03/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/03/23	
Toluene	ND	0.0250	1	11/03/23	11/03/23	
o-Xylene	ND	0.0250	1	11/03/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.8 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.0 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
<i>Surrogate: n-Nonane</i>	94.7 %	50-200		11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344096	
Chloride	144	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 11/6/2023 2:22:58PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW COMP 15 - 4'

E311024-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Benzene	ND	0.0250	1	11/03/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/03/23	
Toluene	ND	0.0250	1	11/03/23	11/03/23	
o-Xylene	ND	0.0250	1	11/03/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
Surrogate: n-Nonane	94.1 %	50-200		11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344096	
Chloride	144	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 16 - 4'

E311024-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/03/23	
Toluene	ND	0.0250	1	11/03/23	11/03/23	
o-Xylene	ND	0.0250	1	11/03/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
<i>Surrogate: n-Nonane</i>		93.6 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2344096
Chloride	146	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 11/6/2023 2:22:58PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW COMP 17 - 4'

E311024-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Benzene	ND	0.0250	1	11/03/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/03/23	
Toluene	ND	0.0250	1	11/03/23	11/03/23	
o-Xylene	ND	0.0250	1	11/03/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
Surrogate: 4-Bromochlorobenzene-PID	96.0 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.2 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
Surrogate: n-Nonane	94.1 %	50-200		11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2344096	
Chloride	146	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 18 - 4'

E311024-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/03/23	
Toluene	ND	0.0250	1	11/03/23	11/03/23	
o-Xylene	ND	0.0250	1	11/03/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
<i>Surrogate: n-Nonane</i>						
	95.6 %	50-200		11/03/23	11/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344096
Chloride	144	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 19 - 4'

E311024-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
<i>Surrogate: n-Nonane</i>		93.4 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2344096
Chloride	142	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 20 - 4'

E311024-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/03/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/03/23	
Toluene	ND	0.0250	1	11/03/23	11/03/23	
o-Xylene	ND	0.0250	1	11/03/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
<i>Surrogate: n-Nonane</i>						
	94.6 %	50-200		11/03/23	11/03/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344096
Chloride	140	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 11/6/2023 2:22:58PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW COMP 21 - 4'

E311024-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	87.7 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344096	
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 22 - 4'

E311024-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>		86.6 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 23 - 4'

E311024-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.6 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>		91.4 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 24 - 4'

E311024-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	91.2 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 25 - 4'

E311024-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	88.6 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 11/6/2023 2:22:58PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW COMP 26 - 4'
E311024-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	83.2 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344096	
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 27 - 4'

E311024-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>		85.1 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 28 - 4'

E311024-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 29 - 4'

E311024-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/6/2023 2:22:58PM

SW COMP 30 - 4'

E311024-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.8 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.4 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>		86.6 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	



Sample Data

Tap Rock	Project Name:	Jackson #16	Reported: 11/6/2023 2:22:58PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

SW COMP 31 - 4'
E311024-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Toluene	ND	0.0250	1	11/03/23	11/04/23	
o-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		11/03/23	11/04/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2344096	
Chloride	ND	20.0	1	11/03/23	11/04/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/6/2023 2:22:58PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2344088-BLK1)Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

LCS (2344088-BS1)Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.8	70-130			
Toluene	4.98	0.0250	5.00		99.7	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			

Matrix Spike (2344088-MS1)Source: E311024-07Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	5.22	0.0250	5.00	ND	104	54-133			
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133			
Toluene	5.18	0.0250	5.00	ND	104	61-130			
o-Xylene	5.14	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			

Matrix Spike Dup (2344088-MSD1)Source: E311024-07Prepared: 11/03/23 Analyzed: 11/03/23

Benzene	4.96	0.0250	5.00	ND	99.2	54-133	5.19	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.7	61-133	4.87	20	
Toluene	4.92	0.0250	5.00	ND	98.4	61-130	5.18	20	
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131	4.88	20	
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131	4.69	20	
Total Xylenes	14.8	0.0250	15.0	ND	99.0	63-131	4.75	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/6/2023 2:22:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2344088-BLK1)					Prepared: 11/03/23 Analyzed: 11/03/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

LCS (2344088-BS2)					Prepared: 11/03/23 Analyzed: 11/03/23				
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike (2344088-MS2)					Source: E311024-07		Prepared: 11/03/23 Analyzed: 11/03/23		
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2344088-MSD2)					Source: E311024-07		Prepared: 11/03/23 Analyzed: 11/03/23		
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	4.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			

QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/6/2023 2:22:58PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2344082-BLK1)					Prepared: 11/03/23 Analyzed: 11/03/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			

LCS (2344082-BS1)					Prepared: 11/03/23 Analyzed: 11/03/23				
Diesel Range Organics (C10-C28)	233	25.0	250		93.2	38-132			
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			

Matrix Spike (2344082-MS1)					Source: E311024-03		Prepared: 11/03/23 Analyzed: 11/03/23		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.8	38-132			
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

Matrix Spike Dup (2344082-MSD1)					Source: E311024-03		Prepared: 11/03/23 Analyzed: 11/03/23		
Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.1	38-132	6.06	20	
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/6/2023 2:22:58PM

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 (2344096-BLK1)					Prepared: 11/03/23 Analyzed: 11/04/23				
Chloride	ND	20.0							
LCS (2344096-BS1)					Prepared: 11/03/23 Analyzed: 11/04/23				
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2344096-MS1)					Source: E311024-01		Prepared: 11/03/23 Analyzed: 11/04/23		
Chloride	394	20.0	250	144	100	80-120			
Matrix Spike Dup (2344096-MSD1)					Source: E311024-01		Prepared: 11/03/23 Analyzed: 11/04/23		
Chloride	394	20.0	250	144	100	80-120	0.0439	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 #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/06/23 14:22

- 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.



Chain of Custody



Chain of Custody



Envirotech Analytical Laboratory

Printed: 11/3/2023 8:49:47AM

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:	11/03/23 08:15	Work Order ID:	E311024
Phone:	(575) 390-6397	Date Logged In:	11/02/23 14:52	Logged In By:	Lacey Rodgers
Email:	natalie@energystaffingllc.com	Due Date:	11/06/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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

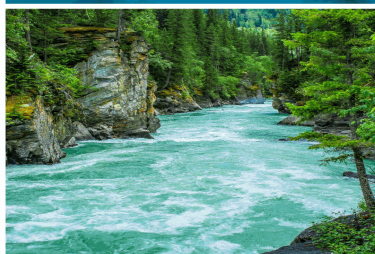
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Jackson #16

Work Order: E311049

Job Number: 20046-0001

Received: 11/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/8/23

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: 11/8/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16
Workorder: E311049
Date Received: 11/7/2023 8:19:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/7/2023 8:19:00AM, under the Project Name: Jackson #16.

The analytical test results summarized in this report with the Project Name: Jackson #16 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SP Comp 73-4'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/08/23 14:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP Comp 73-4'	E311049-01A	Solid	11/03/23	11/07/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/8/2023 2:25:44PM

SP Comp 73-4'

E311049-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345033	
Benzene	ND	0.0250	1	11/07/23	11/07/23	
Ethylbenzene	ND	0.0250	1	11/07/23	11/07/23	
Toluene	ND	0.0250	1	11/07/23	11/07/23	
o-Xylene	ND	0.0250	1	11/07/23	11/07/23	
p,m-Xylene	ND	0.0500	1	11/07/23	11/07/23	
Total Xylenes	ND	0.0250	1	11/07/23	11/07/23	
Surrogate: 4-Bromochlorobenzene-PID	97.4 %	70-130		11/07/23	11/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/23	11/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.4 %	70-130		11/07/23	11/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345034	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/23	11/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/23	11/08/23	
Surrogate: n-Nonane	98.1 %	50-200		11/07/23	11/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345023	
Chloride	ND	20.0	1	11/06/23	11/08/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/8/2023 2:25:44PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2345033-BLK1) Prepared: 11/07/23 Analyzed: 11/08/23

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: 4-Bromochlorobenzene-PID	7.39		8.00		92.3	70-130			

LCS (2345033-BS1) Prepared: 11/07/23 Analyzed: 11/07/23

Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			

Matrix Spike (2345033-MS1) Source: E311047-22 Prepared: 11/07/23 Analyzed: 11/07/23

Benzene	4.93	0.0250	5.00	ND	98.5	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.1	61-133			
Toluene	4.93	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2345033-MSD1) Source: E311047-22 Prepared: 11/07/23 Analyzed: 11/07/23

Benzene	4.89	0.0250	5.00	ND	97.7	54-133	0.817	20	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	61-133	0.771	20	
Toluene	4.89	0.0250	5.00	ND	97.7	61-130	0.933	20	
o-Xylene	4.88	0.0250	5.00	ND	97.5	63-131	0.811	20	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131	1.10	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	1.01	20	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/8/2023 2:25:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2345033-BLK1)	Prepared: 11/07/23 Analyzed: 11/08/23								
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

LCS (2345033-BS2)	Prepared: 11/07/23 Analyzed: 11/07/23								
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike (2345033-MS2)					Source: E311047-22	Prepared: 11/07/23 Analyzed: 11/07/23			
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

Matrix Spike Dup (2345033-MSD2)					Source: E311047-22	Prepared: 11/07/23 Analyzed: 11/07/23			
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	1.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			

QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/8/2023 2:25:44PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2345034-BLK1)					Prepared: 11/07/23 Analyzed: 11/07/23				
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 (2345034-BS1)					Prepared: 11/07/23 Analyzed: 11/07/23				
Diesel Range Organics (C10-C28)	228	25.0	250		91.3	38-132			
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			

Matrix Spike (2345034-MS1)					Source: E311051-05		Prepared: 11/07/23 Analyzed: 11/07/23		
Diesel Range Organics (C10-C28)	227	25.0	250	ND	91.0	38-132			
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			

Matrix Spike Dup (2345034-MSD1)					Source: E311051-05		Prepared: 11/07/23 Analyzed: 11/07/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	8.96	20	
Surrogate: n-Nonane	51.5		50.0		103	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/8/2023 2:25:44PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2345023-BLK1)					Prepared: 11/06/23 Analyzed: 11/07/23				
Chloride	ND	20.0							
LCS (2345023-BS1)					Prepared: 11/06/23 Analyzed: 11/07/23				
Chloride	240	20.0	250		96.0	90-110			
Matrix Spike (2345023-MS1)					Source: E311034-07 Prepared: 11/06/23 Analyzed: 11/07/23				
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2345023-MSD1)					Source: E311034-07 Prepared: 11/06/23 Analyzed: 11/07/23				
Chloride	252	20.0	250	ND	101	80-120	0.612	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 #16	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/08/23 14:25

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Envirotech Analytical Laboratory

Printed: 11/7/2023 8:39:04AM

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:	11/07/23 08:19	Work Order ID:	E311049
Phone:	(575) 390-6397	Date Logged In:	11/06/23 14:43	Logged In By:	Abrianna Cortez
Email:	natalie@energystaffingllc.com	Due Date:	11/08/23 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? Yes
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:

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 #16H

Work Order: E311074

Job Number: 20046-0001

Received: 11/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/13/23

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: 11/13/23

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210



Project Name: Jackson #16H
Workorder: E311074
Date Received: 11/10/2023 7:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/10/2023 7:00:00AM, under the Project Name: Jackson #16H.

The analytical test results summarized in this report with the Project Name: Jackson #16H 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

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	6
Sample Data	8
COMP 103-4	8
COMP 104-4	9
COMP 105-4	10
COMP 106-4	11
COMP 107-4	12
COMP 108-4	13
COMP 109-4	14
COMP 110-4	15
COMP 111-4	16
COMP 112-4	17
COMP 113-4	18
COMP 114-4	19
COMP 115-4	20
COMP 116-4	21
COMP 117-4	22
COMP 118-4	23
COMP 119-4	24
COMP 120-4	25
COMP 121-4	26
COMP 122-4	27

Table of Contents (continued)

COMP 123-4	28
COMP 124-4	29
COMP 125-4	30
COMP 126-4	31
COMP 127-4	32
COMP 128-4	33
COMP 129-4	34
COMP 130-4	35
COMP 131-4	36
COMP 132-4	37
COMP 133-4	38
COMP 134-4	39
COMP 135-4	40
COMP 136-4	41
COMP 137-4	42
COMP 138-4	43
COMP 139-4	44
COMP 140-4	45
COMP 141-4	46
COMP 142-4	47
COMP 143-4	48
COMP 144-4	49
COMP 145-4	50
COMP 146-4	51
QC Summary Data	52

Table of Contents (continued)

QC - Volatile Organics by EPA 8021B	52
QC - Nonhalogenated Organics by EPA 8015D - GRO	55
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	58
QC - Anions by EPA 300.0/9056A	61
Definitions and Notes	64
Chain of Custody etc.	65

Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/23 17:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP 103-4	E311074-01A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 104-4	E311074-02A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 105-4	E311074-03A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 106-4	E311074-04A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 107-4	E311074-05A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 108-4	E311074-06A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 109-4	E311074-07A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 110-4	E311074-08A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 111-4	E311074-09A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 112-4	E311074-10A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 113-4	E311074-11A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 114-4	E311074-12A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 115-4	E311074-13A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 116-4	E311074-14A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 117-4	E311074-15A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 118-4	E311074-16A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 119-4	E311074-17A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 120-4	E311074-18A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 121-4	E311074-19A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 122-4	E311074-20A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 123-4	E311074-21A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 124-4	E311074-22A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 125-4	E311074-23A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 126-4	E311074-24A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 127-4	E311074-25A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 128-4	E311074-26A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 129-4	E311074-27A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 130-4	E311074-28A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 131-4	E311074-29A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 132-4	E311074-30A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 133-4	E311074-31A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 134-4	E311074-32A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 135-4	E311074-33A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 136-4	E311074-34A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 137-4	E311074-35A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 138-4	E311074-36A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 139-4	E311074-37A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 140-4	E311074-38A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 141-4	E311074-39A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 142-4	E311074-40A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.



Sample Summary

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/23 17:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP 143-4	E311074-41A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 144-4	E311074-42A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 145-4	E311074-43A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
COMP 146-4	E311074-44A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.



Sample Data

Tap Rock	Project Name:	Jackson #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

COMP 103-4

E311074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/10/23	
Toluene	ND	0.0250	1	11/10/23	11/10/23	
o-Xylene	ND	0.0250	1	11/10/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/10/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.0 %	70-130		11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/10/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.6 %	70-130		11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>	92.9 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	25.6	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 104-4

E311074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	92.0 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	20.4	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 105-4
E311074-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/10/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/10/23	
Toluene	ND	0.0250	1	11/10/23	11/10/23	
o-Xylene	ND	0.0250	1	11/10/23	11/10/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/10/23	
Surrogate: 4-Bromochlorobenzene-PID	95.4 %	70-130		11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.5 %	70-130		11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane	92.3 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	22.0	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 106-4
E311074-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	86.4 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	24.6	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 107-4
E311074-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	86.5 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	24.9	20.0	1	11/10/23	11/13/23	

Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 108-4
E311074-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	89.0 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	21.0	20.0	1	11/10/23	11/13/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 109-4

E311074-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	22.1	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 110-4
E311074-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID	93.8 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane	89.9 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 111-4

E311074-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	89.9 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	21.8	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 112-4

E311074-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	91.2 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	20.1	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 113-4
E311074-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID	94.4 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.2 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane	88.6 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 114-4

E311074-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	90.7 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 115-4
E311074-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345106	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345110	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	90.3 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345099	
Chloride	ND	20.0	1	11/10/23	11/13/23	

Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 116-4

E311074-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 117-4

E311074-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 118-4

E311074-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	92.9 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 119-4

E311074-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	92.4 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 120-4

E311074-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane	91.7 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 121-4

E311074-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 122-4

E311074-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	99.6 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345099
Chloride	21.6	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 123-4

E311074-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	20.7	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 124-4

E311074-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	96.1 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	20.1	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 125-4

E311074-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	93.6 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	22.3	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 126-4
E311074-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID	93.9 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.0 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane	87.2 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	ND	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 127-4

E311074-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	27.8	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 128-4

E311074-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	34.1	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 129-4

E311074-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	89.5 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	30.6	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 130-4

E311074-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/11/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/11/23	
Toluene	ND	0.0250	1	11/10/23	11/11/23	
o-Xylene	ND	0.0250	1	11/10/23	11/11/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
	96.9 %	50-200		11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	33.0	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 131-4

E311074-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.7 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.3 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>	93.8 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	30.1	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 132-4

E311074-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	27.9	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 133-4

E311074-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	94.6 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	30.4	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 134-4

E311074-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.5 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	90.3 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	39.4	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 135-4
E311074-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	34.1	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 136-4
E311074-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	92.0 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	30.4	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 137-4

E311074-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.0 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	93.2 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	29.6	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 138-4
E311074-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	90.6 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.9 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane	94.4 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	28.6	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 139-4
E311074-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID	91.4 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.5 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane	92.9 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	31.8	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 140-4
E311074-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	32.7	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 141-4

E311074-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.5 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.1 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	90.7 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345102	
Chloride	25.7	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 142-4

E311074-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/12/23	
Ethylbenzene	ND	0.0250	1	11/10/23	11/12/23	
Toluene	ND	0.0250	1	11/10/23	11/12/23	
o-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
<i>Surrogate: n-Nonane</i>						
	91.7 %	50-200		11/10/23	11/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345102
Chloride	24.3	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 143-4

E311074-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/13/23	
Toluene	ND	0.0250	1	11/09/23	11/13/23	
o-Xylene	ND	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		108 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345107
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
		100 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345100
Chloride	28.9	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 144-4

E311074-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/13/23	
Toluene	ND	0.0250	1	11/09/23	11/13/23	
o-Xylene	ND	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2345107	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
		89.2 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2345100	
Chloride	28.4	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock	Project Name:	Jackson #16H	Reported: 11/13/2023 5:06:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

COMP 145-4

E311074-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/13/23	
Toluene	ND	0.0250	1	11/09/23	11/13/23	
o-Xylene	ND	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2345090	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345107	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>		91.1 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2345100	
Chloride	29.9	20.0	1	11/10/23	11/13/23	



Sample Data

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Jackson #16H
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
11/13/2023 5:06:42PM

COMP 146-4

E311074-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Benzene	ND	0.0250	1	11/09/23	11/13/23	
Ethylbenzene	ND	0.0250	1	11/09/23	11/13/23	
Toluene	ND	0.0250	1	11/09/23	11/13/23	
o-Xylene	ND	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Total Xylenes	ND	0.0250	1	11/09/23	11/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2345107
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
<i>Surrogate: n-Nonane</i>						
		90.4 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2345100
Chloride	28.9	20.0	1	11/10/23	11/13/23	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2345090-BLK1) Prepared: 11/09/23 Analyzed: 11/13/23

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	7.19		8.00		89.9	70-130			

LCS (2345090-BS1) Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	4.82	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.83	0.0250	5.00		96.5	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.61	0.0500	10.0		96.1	70-130			
Total Xylenes	14.4	0.0250	15.0		95.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

Matrix Spike (2345090-MS1) Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	5.01	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.96	0.0250	5.00	0.125	96.6	61-133			
Toluene	5.19	0.0250	5.00	0.289	97.9	61-130			
o-Xylene	5.41	0.0250	5.00	0.494	98.3	63-131			
p,m-Xylene	10.9	0.0500	10.0	1.28	95.8	63-131			
Total Xylenes	16.3	0.0250	15.0	1.77	96.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.48		8.00		106	70-130			

Matrix Spike Dup (2345090-MSD1) Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Benzene	5.07	0.0250	5.00	ND	101	54-133	1.14	20	
Ethylbenzene	5.02	0.0250	5.00	0.125	97.8	61-133	1.22	20	
Toluene	5.26	0.0250	5.00	0.289	99.5	61-130	1.49	20	
o-Xylene	5.51	0.0250	5.00	0.494	100	63-131	1.77	20	
p,m-Xylene	11.1	0.0500	10.0	1.28	98.0	63-131	1.95	20	
Total Xylenes	16.6	0.0250	15.0	1.77	98.7	63-131	1.89	20	
Surrogate: 4-Bromochlorobenzene-PID	8.65		8.00		108	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2345105-BLK1) Prepared: 11/10/23 Analyzed: 11/11/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

LCS (2345105-BS1) Prepared: 11/10/23 Analyzed: 11/11/23

Benzene	4.88	0.0250	5.00		97.7	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.86	0.0250	5.00		97.2	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.81	0.0500	10.0		98.1	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		95.9	70-130			

Matrix Spike (2345105-MS1) Source: E311074-23 Prepared: 11/10/23 Analyzed: 11/11/23

Benzene	4.72	0.0250	5.00	ND	94.5	54-133			
Ethylbenzene	4.66	0.0250	5.00	ND	93.3	61-133			
Toluene	4.71	0.0250	5.00	ND	94.2	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131			
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2345105-MSD1) Source: E311074-23 Prepared: 11/10/23 Analyzed: 11/11/23

Benzene	5.10	0.0250	5.00	ND	102	54-133	7.67	20	
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133	7.46	20	
Toluene	5.08	0.0250	5.00	ND	102	61-130	7.50	20	
o-Xylene	5.04	0.0250	5.00	ND	101	63-131	7.70	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	7.36	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	7.47	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2345106-BLK1) Prepared: 11/10/23 Analyzed: 11/10/23

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 (2345106-BS1) Prepared: 11/10/23 Analyzed: 11/10/23

Benzene	4.81	0.0250	5.00		96.1	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130			
Toluene	4.78	0.0250	5.00		95.7	70-130			
o-Xylene	4.74	0.0250	5.00		94.8	70-130			
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			

Matrix Spike (2345106-MS1) Source: E311074-03 Prepared: 11/10/23 Analyzed: 11/10/23

Benzene	5.32	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133			
Toluene	5.30	0.0250	5.00	ND	106	61-130			
o-Xylene	5.25	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2345106-MSD1) Source: E311074-03 Prepared: 11/10/23 Analyzed: 11/10/23

Benzene	4.84	0.0250	5.00	ND	96.8	54-133	9.51	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133	9.33	20	
Toluene	4.82	0.0250	5.00	ND	96.4	61-130	9.49	20	
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131	9.08	20	
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131	9.32	20	
Total Xylenes	14.5	0.0250	15.0	ND	97.0	63-131	9.24	20	
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2345090-BLK1) Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

LCS (2345090-BS2) Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Matrix Spike (2345090-MS2) Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	23.7	75.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			

Matrix Spike Dup (2345090-MSD2) Source: E311068-23 Prepared: 11/09/23 Analyzed: 11/13/23

Gasoline Range Organics (C6-C10)	66.0	20.0	50.0	23.7	84.7	70-130	7.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2345105-BLK1) Prepared: 11/10/23 Analyzed: 11/11/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

LCS (2345105-BS2) Prepared: 11/10/23 Analyzed: 11/11/23

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			

Matrix Spike (2345105-MS2) Source: E311074-23 Prepared: 11/10/23 Analyzed: 11/11/23

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

Matrix Spike Dup (2345105-MSD2) Source: E311074-23 Prepared: 11/10/23 Analyzed: 11/11/23

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.5	70-130	1.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2345106-BLK1) Prepared: 11/10/23 Analyzed: 11/10/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			

LCS (2345106-BS2) Prepared: 11/10/23 Analyzed: 11/10/23

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike (2345106-MS2) Source: E311074-03 Prepared: 11/10/23 Analyzed: 11/10/23

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike Dup (2345106-MSD2) Source: E311074-03 Prepared: 11/10/23 Analyzed: 11/10/23

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.7	70-130	0.636	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2345107-BLK1) Prepared: 11/10/23 Analyzed: 11/10/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.2		50.0		82.3	50-200			

LCS (2345107-BS1) Prepared: 11/10/23 Analyzed: 11/10/23

Diesel Range Organics (C10-C28)	228	25.0	250		91.4	38-132			
Surrogate: n-Nonane	39.8		50.0		79.5	50-200			

Matrix Spike (2345107-MS1) Source: E311078-03 Prepared: 11/10/23 Analyzed: 11/10/23

Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132			
Surrogate: n-Nonane	41.8		50.0		83.5	50-200			

Matrix Spike Dup (2345107-MSD1) Source: E311078-03 Prepared: 11/10/23 Analyzed: 11/10/23

Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.4	38-132	4.01	20	
Surrogate: n-Nonane	43.8		50.0		87.6	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2345110-BLK1)					Prepared: 11/10/23 Analyzed: 11/11/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

LCS (2345110-BS1)					Prepared: 11/10/23 Analyzed: 11/11/23				
Diesel Range Organics (C10-C28)	231	25.0	250		92.4	38-132			
Surrogate: n-Nonane	44.0		50.0		88.0	50-200			

Matrix Spike (2345110-MS1)					Source: E311074-14		Prepared: 11/10/23 Analyzed: 11/11/23		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	48.9		50.0		97.7	50-200			

Matrix Spike Dup (2345110-MSD1)					Source: E311074-14		Prepared: 11/10/23 Analyzed: 11/11/23		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132	5.61	20	
Surrogate: n-Nonane	45.1		50.0		90.2	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2345111-BLK1)					Prepared: 11/10/23 Analyzed: 11/10/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.2	50-200			

LCS (2345111-BS1)					Prepared: 11/10/23 Analyzed: 11/10/23				
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132			
Surrogate: n-Nonane	45.7		50.0		91.3	50-200			

Matrix Spike (2345111-MS1)					Source: E311074-31		Prepared: 11/10/23 Analyzed: 11/10/23		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			

Matrix Spike Dup (2345111-MSD1)					Source: E311074-31		Prepared: 11/10/23 Analyzed: 11/10/23		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132	4.20	20	
Surrogate: n-Nonane	45.1		50.0		90.2	50-200			



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

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 (2345099-BLK1)					Prepared: 11/10/23 Analyzed: 11/13/23				
Chloride	ND	20.0							
LCS (2345099-BS1)					Prepared: 11/10/23 Analyzed: 11/13/23				
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2345099-MS1)					Source: E311074-07		Prepared: 11/10/23 Analyzed: 11/13/23		
Chloride	270	20.0	250	22.1	99.3	80-120			
Matrix Spike Dup (2345099-MSD1)					Source: E311074-07		Prepared: 11/10/23 Analyzed: 11/13/23		
Chloride	269	20.0	250	22.1	98.9	80-120	0.387	20	



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

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 (2345100-BLK1)					Prepared: 11/10/23 Analyzed: 11/13/23				
Chloride	ND	20.0							
LCS (2345100-BS1)					Prepared: 11/10/23 Analyzed: 11/13/23				
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2345100-MS1)					Source: E311079-01		Prepared: 11/10/23 Analyzed: 11/13/23		
Chloride	322	200	250	ND	129	80-120			M2
Matrix Spike Dup (2345100-MSD1)					Source: E311079-01		Prepared: 11/10/23 Analyzed: 11/13/23		
Chloride	314	200	250	ND	126	80-120	2.52	20	M2



QC Summary Data

Tap Rock	Project Name:	Jackson #16H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/2023 5:06:42PM

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 (2345102-BLK1)					Prepared: 11/10/23 Analyzed: 11/13/23				
Chloride	ND	20.0							
LCS (2345102-BS1)					Prepared: 11/10/23 Analyzed: 11/13/23				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2345102-MS1)					Source: E311074-28		Prepared: 11/10/23 Analyzed: 11/13/23		
Chloride	287	20.0	250	33.0	101	80-120			
Matrix Spike Dup (2345102-MSD1)					Source: E311074-28		Prepared: 11/10/23 Analyzed: 11/13/23		
Chloride	295	20.0	250	33.0	105	80-120	3.02	20	

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



Definitions and Notes

Tap Rock	Project Name:	Jackson #16H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/13/23 17:06

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- 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 5

Client: JAPROCK		Bill To		Lab Use Only		TAT		EPA Program					
Project: JACKSON 16H		Attention: ENERGY STAFFING SERVICES		Lab WO# E311074		Job Number 20046-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Natalie Gladden		Address: 2724 NW COUNTY RD							<input checked="" type="checkbox"/>				
Address:		City, State, Zip HOBBS, NM 88240										RCRA	
City, State, Zip		Phone: 575-393-9048										State	
Phone:		Email: NATALIE@ENERGYSTAFFINGLLC.COM										NM CO UT AZ TX	
Email:		BRITTNEY@ENERGYSTAFFINGLLC.COM											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 8010	Chloride 3000	BGDOC NM	BGDOC TX	Remarks
	11/8/23	S	1	COMP 103 - 4'	1								X	
				COMP 104 - 4'	2									
				COMP 105 - 4'	3									
				COMP 106 - 4'	4									
				COMP 107 - 4'	5									
				COMP 108 - 4'	6									
				COMP 109 - 4'	7									
				COMP 110 - 4'	8									
				COMP 111 - 4'	9									
				COMP 112 - 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) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time	Lab Use Only	
		11/8/23				11-9-23	1315	Received on ice: <input checked="" type="checkbox"/> Y / N	
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time	T1 T2 T3	
		11-9-23	1730			11-9-23	1830		
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time	AVG Temp °C	
		11-9-23	2400			11-11-23	7:00	4	

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

Project Information

Chain of Custody

Page 2 of 5

Client: TAPROCK				Bill To				Lab Use Only				TAT				EPA Program					
Project: JACKSON 16H				Attention: ENERGY STAFFING SERVICES				Lab WO# E 311074				Job Number 20046-0001				1D	2D	3D	Standard	CWA	SDWA
Project Manager:				Address: 2724 NW COUNTY RD				Analysis and Method													
Address:				City, State, Zip HOBBS, NM 88240																	
City, State, Zip				Phone: 575-393-9048																	
Phone:				Email: NATALIE@ENERGYSTAFFINGLLC.COM																	
Email:				BRITTNEY@ENERGYSTAFFINGLLC.COM																	
Report due by:																					

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
	11/8/23	S	1	COMP 113 - 4'	11									X
				COMP 114 - 4'	12									
				COMP 115 - 4'	13									
				COMP 116 - 4'	14									
				COMP 117 - 4'	15									
				COMP 118 - 4'	16									
				COMP 119 - 4'	17									
				COMP 120 - 4'	18									
				COMP 121 - 4'	19									
				COMP 122 - 4'	20									

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
<i>[Signature]</i>	11/8/23		<i>[Signature]</i>	11-9-23	1315
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>	11-9-23	1730	<i>[Signature]</i>	11-9-23	1830
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>[Signature]</i>	11-9-23	2400	<i>[Signature]</i>	11-11-23	7:00

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

Page 3 of 5

Chain of Custody

Project Information

Client: <u>T. Prock</u>				Bill To				Lab Use Only				TAT				EPA Program					
Project: <u>JACKSON 164</u>				Attention: ENERGY STAFFING SERVICES				Lab WO# <u>E311074</u>				Job Number <u>20046-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager:				Address: 2724 NW COUNTY RD				Analysis and Method								RCRA					
Address:				City, State, Zip HOBBS, NM 88240																	
City, State, Zip				Phone: 575-393-9048																	
Phone:				Email: NATALIE@ENERGYSTAFFINGLLC.COM																	
Email:				BRITTNEY@ENERGYSTAFFINGLLC.COM																	
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	BGDOC NM	BGDOC TX	Remarks
	11/8/23	S	1	COMP 123-4'	21									
				COMP 124-4'	22									
				COMP 125-4'	23									
				COMP 126-4'	24									
				COMP 127-4'	25									
				COMP 128-4'	26									
				COMP 129-4'	27									
				COMP 130-4'	28									
				COMP 131-4'	29									
				COMP 132-4'	30									

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) <u>M. Ritten</u>	Date <u>11/8/23</u>	Time	Received by: (Signature) <u>Michele Gayle</u>	Date <u>11-9-23</u>	Time <u>1315</u>	Lab Use Only
Relinquished by: (Signature) <u>Michele Gayle</u>	Date <u>11-9-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Andrew Nisso</u>	Date <u>11-9-23</u>	Time <u>1830</u>	Received on ice: <u>(Y)</u> N
Relinquished by: (Signature) <u>Andrew Nisso</u>	Date <u>11-9-23</u>	Time <u>2400</u>	Received by: (Signature) <u>Rouma L...</u>	Date <u>11-9-23</u>	Time <u>7:00</u>	T1 T2 T3
AVG Temp °C <u>4</u>						

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

Project Information

Chain of Custody

Page 4 of 5

Client: TAPCO	Project: Sack Site 164	Report due by:	
Project Manager:		Email:	
Address:		Phone:	
City, State, Zip		City, State, Zip	
Address: 2724 NW COUNTY RD		Phone: 575-393-9048	
City, State, Zip: HOBBS, NM 88240		Email: NATALIE@ENERGYSTAFFINGLLC.COM	
Attention: ENERGY STAFFING SERVICES		Email: BRITTNEY@ENERGYSTAFFINGLLC.COM	
Bill To	Lab WO# E311074		
Job Number 20046-000		Analysis and Method	
ID 2D		X	
3D			
Standard			
CWA			
SDWA			
RCRA			
State		NM CO UT AZ TX	
Remarks		X	
Time	Date	Sampled	Matrix
11/8/23	S		
11/8/23	1		
Comp 133-4			
Comp 134-4			
Comp 135-4			
Comp 136-4			
Comp 137-4			
Comp 138-4			
Comp 139-4			
Comp 140-4			
Comp 141-4			
Comp 142-4			
Lab Number	31		
DRO/DRO by 8015			
GRO/DRO by 8015			
BTEX by 8021			
VOC by 8260			
Metals 6010			
Chloride 300.0			
BGDOC NM			
BGDOC TX			
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: N. Rivera			
Received by: (Signature) Michelle Gay			
Received by: (Signature) Michelle Gay			
Received by: (Signature) Michelle Gay			
Date: 11-9-23			
Time: 1315			
Date: 11-9-23			
Time: 1830			
Date: 11/16/23			
Time: 7:00			
AVG Temp °C: 4			
Container Type: G - glass, P - poly/plastic, ag - amber glass, V - VOA			

Project Information

Chain of Custody

Page 55 of 55

Client: TAPRock					Bill To					Lab Use Only		TAT			EPA Program					
Project: JACKSON 164					Attention: ENERGY STAFFING SERVICES					Lab WO# E311074		Job Number 20046000			1D	2D	3D	Standard	CWA	SDWA
Project Manager:					Address: 2724 NW COUNTY RD					Analysis and Method								RCRA		
Address:					City, State, Zip HOBBS, NM 88240															
City, State, Zip					Phone: 575-393-9048															
Email:					Email: NATALIE@ENERGYSTAFFINGLLC.COM															
Report due by:					BRITTNEY@ENERGYSTAFFINGLLC.COM															

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 3000	ESDOC NM	ESDOC TX	Remarks
	11/8/23	S	1	COMP 143 - 4'	41									
				COMP 144 - 4'	42									
				COMP 145 - 4'	43									
	11/8/23	S	1	COMP 146 - 4'	44									

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	Lab Use Only
<i>[Signature]</i>	11/8/23		<i>[Signature]</i>	11-9-23	1315	Received on ice: (Y) N
<i>[Signature]</i>	11-9-23	1730	<i>[Signature]</i>	11-9-23	1830	T1
<i>[Signature]</i>	11-9-23	2400				T2
						T3
						AVG Temp °C 4

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

Envirotech Analytical Laboratory

Printed: 11/13/2023 3:16:37PM

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:	11/10/23 07:00	Work Order ID:	E311074
Phone:	(575) 390-6397	Date Logged In:	11/09/23 15:46	Logged In By:	Jordan Montano
Email:	natalie@energystaffingllc.com	Due Date:	11/17/23 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? 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 on samples or COC.

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.

TAPROCK
JACKSON 16H
REMEDIATION AND FINAL PHOTOS



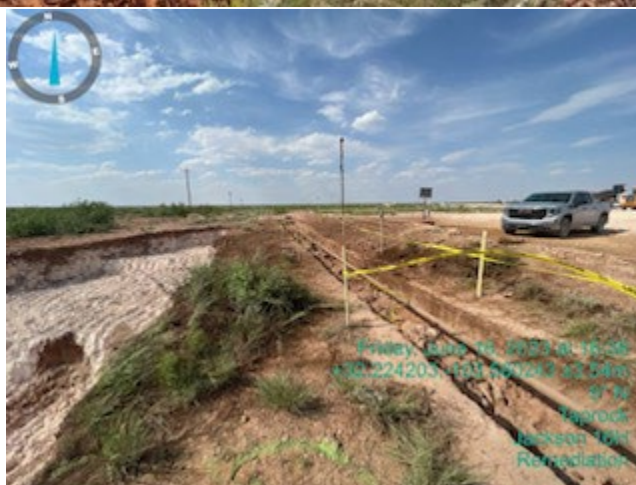
























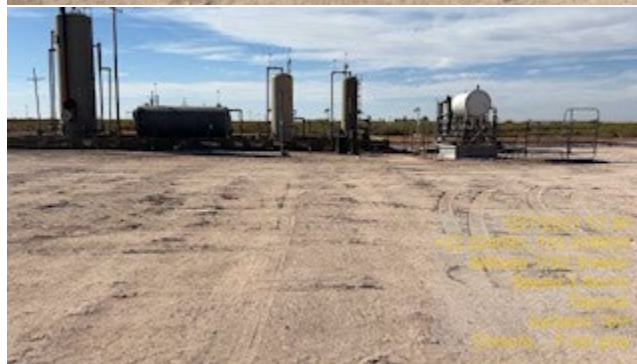






















Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<50' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Form C-141

State of New Mexico

Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: NATALIE GLADDEN Title: DIRECTOR OF ENVIRONMENTAL AND REGULATORYSignature:  Date: 1225 1-25-24email: natalie@energystaffingllc.com Telephone: 575-390-6397**OCD Only**

Received by: _____ Date: _____

Form C-141

State of New Mexico

Page 6

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure


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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

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

Signature:  Date: 1-25-24

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

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

QUESTIONS

Action 346711

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID:	372043
	Action Number:	346711
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2302365358
Incident Name	NAPP2302365358 JACKSON UNIT#16H @ 30-025-41167
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-41167] JACKSON UNIT #016H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	JACKSON UNIT#16H
Date Release Discovered	01/22/2023
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Cause: Equipment Failure Valve Condensate Released: 67 BBL Recovered: 30 BBL Lost: 37 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 346711

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID:	372043
	Action Number:	346711
	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: 05/22/2024
--	---

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 346711

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 346711
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between ½ and 1 (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	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	20400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	105700
GRO+DRO (EPA SW-846 Method 8015M)	78657
BTEX (EPA SW-846 Method 8021B or 8260B)	114
Benzene (EPA SW-846 Method 8021B or 8260B)	3

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/13/2023
On what date will (or did) the final sampling or liner inspection occur	11/10/2023
On what date will (or was) the remediation complete(d)	12/08/2023
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	76952
What is the estimated volume (in cubic yards) that will be remediated	11092

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 4

Action 346711

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID:	372043
	Action Number:	346711
	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 [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: 05/22/2024
<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>	

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

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

QUESTIONS, Page 5

Action 346711

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID:	372043
	Action Number:	346711
	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

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 6

Action 346711

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID:	372043
	Action Number:	346711
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	310110
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/25/2023
What was the (estimated) number of samples that were to be gathered	177
What was the sampling surface area in square feet	76952

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	76952
What was the total volume (cubic yards) remediated	11092
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	1080
What was the total volume (in cubic yards) reclaimed	160
Summarize any additional remediation activities not included by answers (above)	All areas impacted have been delineated and remediated to standard.

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: 05/22/2024
--	---

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

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

QUESTIONS, Page 7

Action 346711

QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 346711
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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

CONDITIONS

Action 346711

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 346711
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	6/13/2024