

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:



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January 15<sup>th</sup>, 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 22<sup>nd</sup>, 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 22<sup>nd</sup>, 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 23<sup>rd</sup>, 2023. The NMOCD accepted the initial C141 as record on January 24<sup>th</sup>, 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 22<sup>nd</sup>, 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 +		
1	MRO)	EPA SW-846 METHOD 8015M	100 mg/kg
	GRO + DRO	EPA SW-846 METHOD 8015M	50 mg/kg
		EPA SW-846 METHOD 8021B OR	
	BTEX	8260B	10 mg/kg
		EPA SW-846 METHOD 8021B OR	
	Benzene	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 23<sup>rd</sup>, 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 19<sup>th</sup>, 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 20<sup>th</sup>, 2023, at 9:02 a.m., the NMOCD approved the extension for 60-days until June 30<sup>th</sup>. (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	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	3120	Н	114	857	77800	<b>27900</b>	105700	3760
	2	480							
	4	240							
	6	320							
	8	320							
	10	400							
	12	320							

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	14	320	L	ND	ND	ND	ND	ND	264
SP2	SURF	2800	Н	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
								1	
SP3	SURF	>4000	H	ND	ND	670	336	1006	5530
	2	480							
	4	480							
	6	800							
	8	640							
	10	640							
	12	400						Ĺ	
	14	240	L	ND	ND	ND	ND	ND	46.9
SP4	SURF	>4000	Н	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	Н	ND	ND	166	108	274	169
	2	80							
	4	80	L	ND	ND	ND	ND	ND	52.7
						10-011-0	4 9 9 9 9 9	1 1 1 1 1 1	_
SP6	SURF	480	Н	ND	ND	161	118	279	754
	2	400							
	4	160	L	ND	ND	ND	ND	ND	183
					1				
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
	1 1	194					10 <u></u>		
SP9	SURF	480	Н	0.537	ND	6630	2330	8960	675
	2	80		_			· · · · · · · · · · · · · · · · · · ·		
	4	80	L	ND	ND	ND	ND	ND	ND
SP10	SURF	>4000	Н	140	1330	55100	18300	73400	4790
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
1	122.			-					
SP11	SURF	80	Н	2.7	62.3	6360	2260	8620	135
	1	400							
	2	240	L	ND	ND	ND	ND	ND	ND
					1				
SP12	SURF	560	Н	ND	ND	783	439	1222	881
	2	80	-						
	4	80	L	ND	ND	ND	ND	ND	ND
11							1.1 - 2. J		
SP13	SURF	80	L	0.726	45.9	47.2	ND	47.2	66.6
	2	80	-						
100	4	80	L	ND	ND	ND	ND	ND	ND
					[				
SP14	SURF	80	Н	0.221	ND	93.5	66.8	160.3	75.9
	2	160							
	4	160	L	ND	ND	ND	ND	ND	ND
0045	01105	220		ND	NID	226	110	242	412
SP15	SURF	320	Н	ND	ND	226	116	342	412
_	2	80							20.
-	4	80	L	ND	ND	ND	ND	ND	30.4
604.6	CLIPE	100		ND	ND	01.1	747	100	220
SP16	SURF	160	H	ND	ND	81.1	74.7	155.8	328
	2	400							240
-	4	320	L	ND	ND	ND	ND	ND	218
CD17	CLIDE	80	11	ND	ND	00	60.2	159.2	52.3
SP17	SURF	80	Н	ND	ND	89	69.3	158.3	52.5
	2	160		ND	NID	ND	ND	ND	ND
	4	80	L	ND	ND	ND	ND	ND	ND
SP18	SURF	160	Н	ND	ND	297	171	468	172
21.10	SORF	100	п			251	1/1	-100	1/2

	2	80							
	4	80	L	ND	ND	ND	ND	ND	25.4
SP19	SURF	80	Н	ND	ND	707	395	1102	65.3
	2	160					-		
	4	80	L	ND	ND	ND	ND	ND	26.9
The second	Star Sec			S-42.51		- Maria			
SP20	SURF	80	Н	ND	ND	254	201	455	82.7
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
				12 - 24					No the State
SP21	SURF	320	Н	ND	ND	62.2	52.1	114.3	147
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
1.1.1.1.1.1						11111	1.1.1		
SP22	SURF	80	H	ND	ND	237	334	571	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	22
N 81	ALC: N		New York			STREET, 6	- W	01 X	
SP23	SURF	1440	Н	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
				1.64-616	1201-	me jako		N 17 200	100
SP24	SURF	80	Н	ND	ND	103	66.7	169.7	ND
	1	80							
	2	80							
				-			1		
	4		L	ND	ND	ND	ND	ND	30.8
CDOF	CLIDE	1690	1	ND	ND	101	07.9	300 0	2090
SP25	SURF	1680	H	ND	ND	191	97.8	288.8	2090
	1	1080							
	2	640							
	3	400		ND	ND	NID	ND	ND	74
	4	80	L	ND	ND	ND	ND	ND	74
SDOC	CLIDE	160			ND	20.2	ND	29.2	ND
SP26	SURF	160	L	ND	ND	29.2		29.2	
	2	80							

	4	80	L	ND	ND	ND	ND	ND	ND
									hi n
SP27	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	34.4
			1 P. IX				N S 📑		The second
SP28	SURF	80	L	ND	ND	ND	ND	ND	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
									2
SP29	SURF	160	L	ND	ND	33.5	ND	33.5	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
			l whit				in all a starting		
SP30	SURF	80	L	ND	ND	ND	ND	ND	ND
0.00	2	80	_						
	4	80	L	ND	ND	ND	ND	ND	ND
.x: 0154	100 1002000	00	,mi, și 1						
SP31	SURF	160	L	ND	ND	59.4	ND	59.4	ND
3131	1	80	L			55.4	ND	55.4	
	2	80	L	ND	ND	31.2	ND	31.2	ND
175 R 180	2	00	1.00.			51.2	ND	<u>J1.2</u>	ND
SP32	SURF	160	Н	ND	ND	123	53.8	176.8	ND
3532	1	80				125	55.8	170.0	ND
	2	80	L	ND	ND	ND	ND	ND	ND
1000	2	00	10,000,00				ND	ND	
SP33	SURF	320	Н	0.899	ND	10900	5180	16080	90.6
3F33	1	320		0.833	NU	10500	5180	10000	30.0
	2								
	3	240							
		160		ND	ND	ND	ND	ND	ND
-	4	80	L	ND	ND	ND	ND	ND	ND
CD24	CUDE	100		ND	ND	262	104	FFG	NID
SP34	SURF	160	Н	ND	ND	362	194	556	ND
	1	80		ND	ND		ND	ND	ND
-34.10-31	2	80	L	ND	ND	ND	ND	ND	ND
0005	0110-	0.00		4.000	24.60	40000	10400	E1000	04.0
SP35	SURF	800	Н	198	2160	40600	10400	51000	810
	1	400	-						
	2	320							
	3	320							
	4	240							

	5	160	L	ND	ND	ND	ND	ND	ND
	1. 1010. 1			March -	Suis-	12 . 2 .	68° 117 - 2		
SP36	SURF	560	Н	112	900	19400	5180	24580	243
	1	640	-						
	2	480							
	3	400							
	4	240					-		
	5	160	L	ND	ND	ND	ND	ND	ND
121-24									t test.
SP37	SURF	400	Н	142	1320	25300	6550	31850	413
_	1	320							
	2	400							
	3	320							
	4	240							
	5	160	L	ND	ND	ND	ND	ND	ND
	an marker					24,773			
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
			<sup>1</sup> 43			12 14 22		as.) u të	
SP39	SURF	160	Н	33.7	415	15000	4250	19250	73.5
	2	160							
	4	80							
	6	80	L	ND	ND	ND	ND	ND	25.1
	R . 4. 7				N. N. PK. 284				
SP40	SURF	160	н	ND	ND	1160	452	1612	50.4
	2	>4000							
	4	>4000							
	6	240	_						
	8	160	L	ND	ND	ND	ND	ND	ND
			new jur					Port in the s	
SP41	SURF	160	Н	0.0342	ND	775	329	1104	41
	2	160	_						
	4	80	L	ND	ND	ND	ND	ND	ND
	in state of R								
SP42	SURF	160	н	ND	ND	116	ND	116	ND
	2	400	Ĩ						
	4	80	L	ND	ND	ND	ND	ND	ND
6-5-7	- 1- 2 <sup>4</sup> 0.3								
SP43	SURF	160	L	ND	ND	34.6	ND	34.6	ND

	2	160							
	4	160	L	ND	ND	ND	ND	ND	ND
7 - 14					123-13-0			EVR.Y.	
SP44	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
Sul!	- Valor IV-	P YELLER W			1 LUK	04. P 1			
SP45	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	160							
	4	160	L	ND	ND	ND	ND	ND	46.8
1.14			120	1.56	R STOR			1944-1948-1947 17-11	
SP46	SURF	160	Н	ND	ND	151	83.3	234.3	ND
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
			- Second	and the second		- general de			
SP47	SURF	160	н	ND	ND	98.9	52.2	151.1	ND
	2	>4000							
	4	320							
	6	80	L	ND	ND	ND	ND	ND	ND
-18°0.		a shire is		14.04.21			1.41724		
SP48	SURF	160	L	ND	ND	ND	ND	ND	ND
	2	160							
	4	80	L	ND	ND	ND	ND	ND	ND
	1.1.2.	12200	a la compañía de la c	1 M			Salah Salah		1491-33
SP49	SURF	160	L	ND	ND	80.6	ND	80.6	ND
	2	80			· · · · · · · · · · · · · · · · · · ·		·		
	4	80	L	ND	ND	ND	ND	ND	ND
	145762.0	ies aver	1	- X 2 1	E Marsh				
SP50	SURF	160	L	ND	ND	28.1	ND	28.1	ND
	2	80							
	4	80	L	ND	ND	ND	ND	ND	ND
5. S. J	1 - SAC 1- 1		t the second	17-1-3-1					
SW1	SURF	80	Н	ND	ND	74.5	50.1	124.6	26.5
	1	80							
	2	80	н	ND	ND	40.8	54.5	95.3	37.6
	3	80							
	4	80	L	ND	ND	ND	ND	ND	36.9
×-, 1		PER CHAR	1 m/2	Prac Ville	Destination 1	Star Harde			19750
SW2	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80			-		-		
	2	80	L	ND	ND	ND	ND	ND	ND

1217-1			1.00		STR	Stat Re-	2.1.1	21 m 1	(The late
SW3	SURF	480	L	ND	ND	56.5	ND	56.5	444
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
11-5-1				4.4.8	ei. Tiä		1 7 6 6 6	12 4 47	ing state
SW4	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
CIN/E	CLIDE	160			ND	ND	ND	ND	ND
SW5	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80	1	ND	ND	ND	ND	ND	ND
2.0	2	80	L	ND	ND	ND	ND	ND	ND
SW6	SURF	160	L	ND	ND	ND	ND	ND	ND
500	1	80	L	ND		ND		ND	ND
	2	80	L	ND	ND	ND	ND	ND	ND
12					(Delto)				
SW7	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
SW8	SURF	160	Н	ND	ND	74.7	52.5	127.2	ND
	1	80					2.4		
	2	80	L	ND	ND	ND	ND	ND	ND
马底属			BQF				C 74 - 75 (s		
SW9	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80			í				
	2	80	L	ND	ND	ND	ND	ND	ND
					Ta K	and the		1 2 2 7 11 6 1	
SW10	SURF	160	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
x < -2517	n rafégi n			e Marine	1.1			1.1.1.1	111.75
SW11	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80							
	2	80	L	ND	ND	ND	ND	ND	ND
		1.2.							
SW12	SURF	160	L	ND	ND	ND	ND	ND	200
	1	80					ALC: N		NIE
	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
			14	1.5.4 成功					-19-24
SW14	SURF	80	Н	ND	ND	58.3	53.7	112	41.5
	1	320							
	2	160	L	ND	ND	ND	ND	ND	36.6
			J. The state				1 2 41	1211245	
SW15	SURF	640	Н	ND	ND	165	137	302	805
	1	80							
	2	80	L	ND	ND	ND	ND	ND	64.2
	"		Self_						
SW16	SURF	80	Н	ND	ND	47.4	72.9	120.3	31.7
	1	80							
	2	80	L	ND	ND	ND	ND	ND	63.5
								1	

Please see the delineation photos attached herein.

On October 19<sup>th</sup>, 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 20<sup>th</sup>, 2023, at 8:18 a.m., the request to begin composite sampling and variance increase was approved by the NMOCD.

On October 25<sup>th</sup>, 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
	11_1=11,×3				1				IR THE YEAR
COMP2	4	160	L	ND	ND	ND	ND	ND	91
	14 J - 1 - 12					7-			
COMP3	4	160	L	ND	ND	ND	ND	ND	205
				P. 9 1 - 1					
COMP4	4	80	L	ND	ND	ND	ND	ND	35.8
COMP5	4	160	L	ND	ND	ND	ND	ND	77.6
			l l j z j			an "offic			

COMP6	6	240	L	ND	ND	ND	ND	ND	145
COMP7	6	160		ND	ND	ND	ND	ND	220
					1 200 1				11,813
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	ulis 1. "Ei L	ND	ND	ND	ND	ND	163
COMP17	6	160	L	ND	ND	ND	ND	ND	166
COMP18	6	80	) <u>1</u> 99293) L	ND	ND	ND	ND	ND	69.4
COMP19	6	240		ND	ND	ND	ND	ND	159
COMP20	6	80	in in star L	ND	ND	ND	ND	ND	81.3
COMP21	6	160	lin (Boll) 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	isti sult L	ND	ND	ND	ND	ND	93
COMP25	6	240	<u>на с "</u> L	ND	ND	ND	ND	ND	90
	6	80		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.
COMP29	6	160	L L	ND	ND	ND	ND	ND	119
СОМР30	6	160	L	ND	ND	ND	ND	ND	44.4
COMP31	6	160	L L	ND	ND	ND	ND	ND	121
COMP32	6	80	L	ND	ND	ND	ND	ND	46.9
СОМРЗЗ	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.
COMP38	2	160	L	ND	ND	ND	ND	ND	127
СОМР39	2	80	L	ND	ND	ND	ND	ND	50.3
СОМР40	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	46.0
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	NE
COMP69	4	80	L	ND	ND	ND	ND	ND	NC
COMP70	4	160	L	ND	ND	ND	ND	ND	NC
COMP71	4	240	L	ND	ND	ND	ND	ND	NC
COMP72	4	80	L	ND	ND	ND	ND	ND	NE
COMP73	4	80	L	ND	ND	ND	ND	ND	NC
COMP74	4	80	L	ND	ND	ND	ND	ND	NC
COMP75	4	160	Ļ	ND	ND	ND	ND	ND	NE
COMP76	4	80	L	ND	ND	ND	ND	ND	NC
COMP77	4	160	L	ND	ND	ND	ND	ND	NE
COMP78	4	80	L	ND	ND	ND	ND	ND	NC
COMP79	4	80	L	ND	ND	ND	ND	ND	NE
COMP80	4	80	L	ND	ND	ND	ND	ND	NE
COMP81	4	80	L	ND	ND	ND	ND	ND	NC
COMP82	4	80	L	ND	ND	ND	ND	ND	NE
COMP83	4	160	L	ND	ND	ND	ND	ND	N
COMP84	4	80	L	ND	ND	ND	ND	ND	N
COMP85	4	80	L	ND	ND	ND	ND	ND	N
COMP86	4	160	L	ND	ND	ND	ND	ND	N
COMP87	4	80	<u>lőse i – vő</u> L	ND	ND	ND	ND	ND	NE

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
COMPSO	4	80		IND	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	Ł	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 L	ND	ND	ND	ND	ND	ND
COMP98	4	80	L	ND	ND	ND	ND	ND	ND
СОМР99	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.
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	24.0
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	n (2)%/ES	ND	ND	ND	ND	ND	21.8
COMP112	4	80	L	ND	ND	ND	ND	ND	20.1
COMP113	4	80	, lin	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

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COMP129	4	80	L	ND	ND	ND	ND	ND	30.6
COMP130	4	80	L L	ND	ND	ND	ND	ND	33
afindite, is.	ta RE	· 동작 및 신경							FBE L
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		ND	ND	ND	ND	ND	29.6
COMP138	4	80	L	ND	ND	ND	ND	ND	28.6
CONFISS		80		ND	ND			ND	20.0
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	si suè: L	ND	ND	ND	ND	ND	29.9
COMP146	4	80	instê li L	ND	ND	ND	ND	ND	28.9
SWCOMP1	4	160	1.02- 192 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	100
SVVCOIVIP4	4	100		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	1	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	und 720 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

4	80	L	ND	ND	ND	ND	ND	ND
4	80	L	ND	ND	ND	ND	ND	ND
i spol s	port-yru-ju-	「素べらい		U Starten		Smide H		. di 15
4	160	L	ND	ND	ND	ND	ND	ND
4	160		ND	ND	ND	ND	ND	ND
			Sin-174		17 10 11		4.42.2	소리님
4	80	-	ND	ND	ND	ND	ND	ND
4	160	L	ND	ND	ND	ND	ND	ND
4	160	L	ND	ND	ND	ND	ND	ND
4	80		ND	ND	ND	ND	ND	ND
	4 4 4 4 4 4	4 80   4 160   4 160   4 160   4 80   4 160   4 160   4 160	4   80   L     4   160   L	4   80   L   ND     4   80   L   ND     4   160   L   ND	4     80     L     ND     ND       4     80     L     ND     ND       4     160     L     ND     ND       4     80     L     ND     ND       4     160     L     ND     ND	4     80     L     ND     ND     ND       4     80     L     ND     ND     ND       4     160     L     ND     ND     ND	A80LNDNDND480LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND4160LNDNDND	A80LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND4160LNDNDNDND

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 1<sup>st</sup>, 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 <u>natalie@energystaffingllc.com</u>.

Sincerely,

patalie ( fladden

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@energystaffinglle.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,

Released to Imaging: 6/13/2024 3:20:26 PM

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 Gladder 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: <u>natalie@energystaffingllc.com</u>

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State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

# **Release Notification**

### **Responsible Party**

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

## **Location of Release Source**

Latitude 32.224346

Longitude -103.559677

(NAD 83 in decimal degrees to 5 decimal places)

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

Unit Letter	Section	Township	Range	County	
В	15	248	33E	LEA COUNTY	

Surface Owner: State Federal Tribal Private (Name:

## Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)		
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)		
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No		
Condensate	Volume Released (bbls) 67BBLS	Volume Recovered (bbls) 30BBLS		
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)		
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.

	State of New Mexico	Incident ID	
age 2	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	
Was this a major	If YES, for what reason(s) does the responsible par	ty consider this a major release?	
release as defined by 19.15.29.7(A) NMAC?	VOLUME OF RELEASE		
🛛 Yes 🗌 No			
	notice given to the OCD? By whom? To whom? When the OCD, BRATCHER, HAMLET, NOBUI, Hendric Contract of the term of term		DEN
	Initial Respons	e	
The responsibl	le party must undertake the following actions immediately unless the		
$\square$ The source of the re	elease has been stopped.		
_	has been secured to protect human health and the envir	onment.	
	have been contained via the lise of perms or dikes ans	ornent hads, or other containment devices.	
	have been contained via the use of berms or dikes, abs		
All free liquids and	have been contained via the use of berms of dikes, abs recoverable materials have been removed and manage bed above have <u>not</u> been undertaken, explain why:		
All free liquids and If all the actions describ Per 19.15.29.8 B. (4) N has begun, please attack within a lined containm I hereby certify that the in regulations all operators as public health or the enviro failed to adequately invest addition, OCD acceptance	recoverable materials have been removed and manage	d appropriately. on immediately after discovery of a release. If ren we been successfully completed or if the release uch all information needed for closure evaluation. knowledge and understand that pursuant to OCD rules nd perform corrective actions for releases which may e not relieve the operator of liability should their operation water, surface water, human health or the environmen	and ndanger ons have nt. In
All free liquids and If all the actions describ Per 19.15.29.8 B. (4) N has begun, please attact within a lined containm I hereby certify that the in regulations all operators ar public health or the enviro failed to adequately invest	recoverable materials have been removed and manage bed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remediated h a narrative of actions to date. If remedial efforts ha tent area (see 19.15.29.11(A)(5)(a) NMAC), please attra formation given above is true and complete to the best of my re required to report and/or file certain release notifications a pomment. The acceptance of a C-141 report by the OCD does tigate and remediate contamination that pose a threat to grow c of a C-141 report does not relieve the operator of responsib	d appropriately. In immediately after discovery of a release. If remove been successfully completed or if the release ich all information needed for closure evaluation. knowledge and understand that pursuant to OCD rules not relieve the operator of liability should their operation dwater, surface water, human health or the environment lity for compliance with any other federal, state, or local	and ndanger ons have nt. In
All free liquids and If all the actions describ Per 19.15.29.8 B. (4) N has begun, please attack within a lined containm I hereby certify that the in regulations all operators as public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations.	recoverable materials have been removed and manage bed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remediated h a narrative of actions to date. If remedial efforts ha tent area (see 19.15.29.11(A)(5)(a) NMAC), please atta formation given above is true and complete to the best of my re required to report and/or file certain release notifications a omment. The acceptance of a C-141 report by the OCD does tigate and remediate contamination that pose a threat to group of a C-141 report does not relieve the operator of responsib	d appropriately. m immediately after discovery of a release. If rem we been successfully completed or if the release ich all information needed for closure evaluation. knowledge and understand that pursuant to OCD rules nd perform corrective actions for releases which may e not relieve the operator of liability should their operation idwater, surface water, human health or the environment lity for compliance with any other federal, state, or loca <b>d Regulatory</b>	and ndanger ons have nt. In
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All free liquids and If all the actions describ Per 19.15.29.8 B. (4) N has begun, please attact within a lined containm I hereby certify that the in regulations all operators at public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations. Printed Name: Natalie Signature:	recoverable materials have been removed and manage bed above have <u>not</u> been undertaken, explain why: MAC the responsible party may commence remediation h a narrative of actions to date. If remedial efforts have the anarrative of actions to date. If remedial efforts have the area (see 19.15.29.11(A)(5)(a) NMAC), please attaction formation given above is true and complete to the best of my re required to report and/or file certain release notifications a nument. The acceptance of a C-141 report by the OCD does tigate and remediate contamination that pose a threat to group to of a C-141 report does not relieve the operator of responsib <b>Gladden</b> Title: <b>Director of Environmental an</b> <b>Date:</b>	d appropriately. m immediately after discovery of a release. If rem we been successfully completed or if the release ich all information needed for closure evaluation. knowledge and understand that pursuant to OCD rules nd perform corrective actions for releases which may e not relieve the operator of liability should their operation idwater, surface water, human health or the environment lity for compliance with any other federal, state, or local <b>d Regulatory</b> 1-23-23	and ndanger ons have nt. In

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	10	10	0.083	8.3	0.24	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravely Sand	0.26	10	10	0.083	8.3	0.38	Gravely Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	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	Х	10	10	0.083	8.3	1.48	Standing Liquids

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

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

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

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

Cubic Feet = L x W x D Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)



## TAPROCK JACKSON UNIT 16H INITIAL PHOTOS




































## Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

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

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

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

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

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

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

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

#### Reference:

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



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



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

	Rangeland and Forest Veg	etation Classif	ication, Produ	ctivity, and Pla	nt Composition–Lea County	, New Mexico		
Map unit symbol and soil	Ecological Site, Plant	Total d	lry-weight prod	duction	Characteristic rangeland	Compositio		
name	Association, or Habitat Type	Favorable year	Normal year	Unfavorable year	or forest understory vegetation	n	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	650	_	225	black grama	25		
	(R070BD003NM)				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		
					уисса	5		

USDA

Natural Resources Conservation Service

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### JACKSON UNIT 16H

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

	Rangeland and Forest Veg	etation Classif	ication, Produ	ctivity, and Pla	nt Composition–Lea County	, New Mexico		
Map unit symbol and soil	Ecological Site, Plant	Total d	Iry-weight proc	duction	Characteristic rangeland	Compositio		
name	Association, or Habitat Type	Favorable year	Normal year	Unfavorable year	or forest understory vegetation	n	Rangeland	Forest understory
		Lb/ac	Lb/ac	Lb/ac		Pct dry wt	Pct dry wt	
SE—Simona fine sandy loam, 0 to 3 percent slopes								
Simona	Shallow Sandy	900	550	200	black grama	25		
	(R070BD002NM)				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		
					уисса	2		

## **Data Source Information**

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



Natural Resources Conservation Service **JACKSON UNIT 16H** 



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Web Soil Survey National Cooperative Soil Survey



## 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



## Legend

# Page 56 of 699



Basemap Imagery Source: USGS National Map 2023





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

O=orpha	,	(1						(NAD83	3 UTM in met	ers)				(in fe	eet)	
	POD			qqq									Log File	Depth	Depth	License
Code	Subbasin	County	Source	64164	Sec	Tws	Rng	Х	Y		Distance Start Date	Finish Date	Date	Well	Water Driller	Number
	CUB	LE		4 1	15	24S	33E	635485	3565610		647		04/02/2013			
	CUB	LE		1 2 4	10	24S	33E	636076	3567039		900 05/08/2023	05/11/2023	06/15/2023	55	JOHN W WHITE	1456
<u>is Searc</u>	<u>h (in meter</u>	<u>rs):</u>														
35720.11	1	1	Northing	<b>(Y):</b>	85662	212.96	5		Radius:	1000	)					
-	C=the fil closed) Code	POD Code Subbasin CUB CUB	C=the file is (quart closed) Code Subbasin County CUB LE CUB LE Search (in meters):	C=the file is (quarters are 1=N closed) (quarters are POD Code Subbasin County Source CUB LE CUB LE Search (in meters):	C=the file is (quarters are 1=NW 2=N closed) (quarters are small POD q q q Code Subbasin County Source 64164 CUB LE 4 1 CUB LE 1 2 4	C=the file is (quarters are 1=NW 2=NE 3=S closed) (quarters are smallest to POD Code Subbasin County Source 64164 Sec CUB LE 4 1 15 CUB LE 1 2 4 10 SSEarch (in meters):	C=the file is (quarters are 1=NW 2=NE 3=SW 4= closed) (quarters are smallest to larges POD code Subbasin County Source 6416 4 Sec Tws CUB LE 4 1 15 24S CUB LE 1 2 4 10 24S Sec CUB LE 1 2 4 10 24S	C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)   POD q q q   Code Subbasin County Source 6416 4 See Tws Rng   CUB LE 1 1 24S 33E   CUB LE 1 2 4 10 24S 33E	C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE) closed) (quarters are smallest to largest) (NAD8: POD q q q Code Subbasin County Source 64164 Sec Tws Rng X CUB LE 4 1 15 24S 33E 635485 CUB LE 1 2 4 10 24S 33E 636076 ss Search (in meters):	C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in met NAD83 UTM in met explained   POD q q q CODE q q q LE Q q q 4 1 1 5 24S 33E X Y   CUB LE 1 2 4 10 24S 33E 636076 3567039	C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)   POD q q q Kardian County Source 6416 4 See Tws Rng X Y   C0de Subbasin County Source 6416 4 See Tws Rng X Y   CUB LE 4 1 15 24S 33E 635076 3567039	C=the file is closed)   (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)   (NAD83 UTM in meters)     POD   q q q q   (NAD83 UTM in meters)   (NAD83 UTM in meters)     Code   Subbasin   County   Source   64164   Sec   Tws   Rng   X   Y   Distance   Start Date     CUB   LE   4 1   15   24S   33E   636076   3567039   900   05/08/2023     ts Search (in meters):   LE   1   2   4   10   24S   33E   636076   3567039   900   05/08/2023	C=the file is closed)   (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)   (NAD83 UTM in meters)     POD   q q q   (Quarters are smallest to largest)   (NAD83 UTM in meters)     Code   Subbasin   County   Source   64164   Sec   Tws   Rng   X   Y   Distance   Start Date   Finish Date     CUB   LE   4 1   15   24S   33E   636076   3567039   900   05/08/2023   05/11/2023     ts Search (in meters):   LE   1   2   4   10   24S   33E   636076   3567039   900   05/08/2023   05/11/2023	C=the file is closed)   (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)   (NAD83 UTM in meters)     POD   q q q   (quarters are smallest to largest)   (NAD83 UTM in meters)     Code   Subbasin   County   Source   64164   See   Tws   Rng   X   Y   Distance   Start Date   Log File Date     CUB   LE   4 1   15   248   33E   636076   3567039   900   05/08/2023   05/11/2023   06/15/2023     CUB   LE   1   2   4   10   248   33E   636076   3567039   900   05/08/2023   05/11/2023   06/15/2023     SESearch (in meters):   LE   1   2   4   10   248   33E   636076   3567039   900   05/08/2023   05/11/2023   06/15/2023	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 feed)     Code   POD   q q q   Reg   X   Y   Distance   Start Date   Log File Date   Depth     Code   Subbasin   County   Source   6416 4   See   Tws   Reg   X   Y   Distance   Start Date   Log File Date   Depth   Depth     CUB   LE   4 1   15   248   33E   636076   3567039   900   05/08/2023   05/11/2023   06/15/2023   55     SSearch (in meters):   Start Search (in meters):   Start Sear	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 meters)   (in feet)     Code   POD Subbasin   County Source   G 416 4   See   Tws   Rng   X   Y   Distance   Start Date   Eng File Date   Depth Well   Depth Well   Depth Well   Mater   Differ     CUB   LE   4 1   15   24S   33E   636076   3567039   900   05/08/2023   05/11/2023   06/15/2023   55   JOHN W WHITE     Stearet kin meters/kin   Line   Line <th< td=""></th<>

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

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WELLS WITH WELL LOG INFORMATION

## *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	(R=POI been rep O=orph C=the f	placed, ianed, ile is	(quar	ters are 1=				,						(1 - 6			
water right	closed)	POD		(quarters	q q q	lest to	large	st)	(NAD83	UTM in meters)			1 191	(in fe			License
POD Number	Code		County	Source		Sec	Tws	Rng	Х	Y	Distance Start Date	Finish Date	Log File Date		Depth Water	Driller	Number
<u>C 03565 POD8</u>		CUB	LE		4 1	15	24S	33E	635485	3565610	647		04/02/2013				
<u>C 04741 POD1</u>		CUB	LE		124	10	24S	33E	636076	3567039	900 05/08/2023	05/11/2023	06/15/2023	55		JOHN W WHITE	1456
<u>C 03565 POD9</u>		CUB	LE		4 4	15	24S	33E	636430	3565005	1400		04/02/2013				
<u>C 04339 POD7</u>		CUB	LE		4 4 2	23	24S	33E	636473	3564011	2326 07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEGTY"ENER	1575
<u>C 03662 POD1</u>		С	LE	Shallow	3 1 2	23	24S	33E	637342	3564428	2411 08/19/2013	08/20/2013	09/16/2013	550	110	JOHN SIRMAN	1654
<u>C 04339 POD6</u>		CUB	LE		3 1 2	23	24S	33E	637340	3564386	2441 07/31/2019	07/31/2019	08/22/2019	60		CURRIE, SHANEGTY"ENER	1575
<u>C 04339 POD8</u>		CUB	LE		1 1 3	23	24S	33E	636519	3563681	2654 07/31/2019	07/31/2019	08/22/2019	30		CURRIE,	1575
<u>C 03917 POD1</u>		С	LE	Shallow	4 1 3	13	24S	33E	638374	3565212	2836 03/01/2016	03/04/2016	03/11/2016	600	420	SHANEGTY"ENER CASE KEY	1058
<u>C 03565 POD3</u>		CUB	LE		3 4	08	24S	33E	632763	3566546	2975 09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
<u>C 04339 POD1</u>		CUB	LE		1 3 3	23	24S	33E	636525	3563309	3013 08/01/2019	08/02/2019	08/22/2019	47		CURRIE, SHANEGTY"ENER	1575
<u>C 04339 POD9</u>		CUB	LE		3 4 2	23	24S	33E	637731	3563913	3054 08/01/2019	08/01/2019	08/22/2019	45		CURRIE,	1575
<u>C 04339 POD2</u>		CUB	LE		2 3 3	23	24S	33E	636789	3563315	3088 08/06/2019	08/06/2019	08/22/2019			SHANEGTY"ENER CURRIE, SHANEGTY"ENER	1575
<u>C 04339 POD3</u>		CUB	LE		2 4 3	23	24S	33E	637273	3563323	3280 08/06/2019	08/06/2019	08/22/2019	38		CURRIE,	1575
<u>C 04339 POD4</u>		CUB	LE		2 4 3	23	24S	33E	637273	3563323	3280 08/06/2019	08/07/2019	08/22/2019	47		SHANEGTY"ENER CURRIE,	1575
<u>C 03601 POD1</u>		CUB	LE	Shallow	4 4 2	23	24S	33E	638124	3563937	3310 12/21/2012	12/21/2012	01/08/2013			SHANEGTY"ENER RODNEY HAMMER	1186
<u>C 04708 POD1</u>		CUB	LE		134	21	24S	33E	634149	3563262	3342 03/23/2023	03/27/2023	06/23/2023	100		JOE SKAGGS	1453
<u>C 04339 POD10</u>		CUB	LE		4 1 4	23	24S	33E	637688	3563503	3348 08/01/2019	08/01/2019	08/22/2019	49		CURRIE, SHANEGTY"ENER	1575
<u>C 03601 POD2</u>		CUB	LE	Shallow	3 2 4	23	24S	33E	637846	3563588	3377 01/06/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
<u>C 04595 POD1</u>		CUB	LE		4 3 3	34	23S	33E	635150	3569564	3400 03/09/2022	03/09/2022	04/04/2022	55		JACKIE ATKINS	1249
<u>C 04339 POD5</u>		CUB	LE		2 3 4	23	24S	33E	637580	3563328	3432 08/06/2019	08/07/2019	08/22/2019	54		CURRIE, SHANEGTY"ENER	1575
<u>C 03600 POD1</u>		CUB	LE	Shallow	2 2 1	26	24S	33E	637275	3563023	3548 01/07/2013	01/07/2013	01/30/2013			RODNEY HAMMER	1186
<u>C 03601 POD6</u>		CUB	LE	Shallow	144	23	24S	33E	637834	3563338	3567 01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186
<u>C 04753 POD1</u>		CUB	LE		4 4 3	35	23S	33E	637075	3569526	3579 07/27/2023	07/27/2023	08/21/2023	55		JASON MALEY 1833	
<u>C 03666 POD1</u>		С	LE	Shallow	2 3 4	13	24S	33E	639132	3565078	3596 10/18/2013	10/26/2013	11/14/2013	650	390	CASEY KEYS	1058
<u>C 03601 POD5</u>		CUB	LE	Shallow	2 4 4	23	24S	33E	637988	3563334	3664 01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
<u>C 03601 POD3</u>		CUB	LE	Shallow	1 3 3	24	24S	33E	638142	3563413	3701 01/06/2013	01/06/2013	01/30/2013			RODNEY HAMMER	1186
<u>C 03601 POD7</u> to Imaging: 6/13/	/2024 3	CUB	LE PM	Shallow	4 4 4	23	24S	33E	637946	3563170	3769 01/05/2013	01/05/2013	01/30/2013			RODNEY HAMMER	1186

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Easting (X): 63	5720.11		Northing (Y): 3566212.96		Radius: 5000	)				
UTMNAD83 Radiu	is Search (in meter	<u>:s):</u>								
<u>C 03602 POD2</u> <u>Record Count:</u> 41	CUB	LE	Shallow 4 4 1 25 248 33E	638824	3562329	4971 01/15/2013	01/15/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 03600 POD2</u>	CUB	LE	Shallow 4 4 1 25 248 33E	638824	3562329	4971 01/07/2013	01/08/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 04014 POD2</u>	CUB	LE	Shallow 4 4 2 01 24S 33E	639656	3568917	4774 02/13/2017	02/17/2017 03/03/2017	95	81 HAMMER, RODNEY	1186
<u>C 04014 POD1</u>	CUB	LE	Shallow 1 1 3 06 24S 34E	639811	3568638	4756 02/13/2017	02/17/2017 03/03/2017	91	81 HAMMER, RODNEY	1186
<u>C 03600 POD5</u>	CUB	LE	Shallow 3 2 4 26 24S 33E	637857	3562020	4705 01/09/2013	01/09/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 04014 POD3</u>	CUB	LE	Shallow 2 4 2 01 24S 33E	639497	3569007	4698 02/13/2017	02/17/2017 03/03/2017	95	87 HAMMER, RODNEY	1186
<u>C 04014 POD5</u>	CUB	LE	Shallow 1 4 2 01 24S 33E	639284	3569086	4578 02/13/2017	02/17/2017 03/03/2017	95	85 HAMMER, RODNEY	1186
<u>C 03600 POD6</u>	CUB	LE	Shallow 3 1 4 26 248 33E	637383	3562026	4504 01/09/2013	01/09/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 04014 POD4</u>	CUB	LE	Shallow 3 4 2 01 24S 33E	639295	3568859	4448 02/13/2017	02/17/2017 03/03/2017	96	86 HAMMER, RODNEY	1186
<u>C 03600 POD3</u>	CUB	LE	Shallow 3 4 2 26 24S 33E	637784	3562340	4388 01/16/2013	01/16/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 03600 POD7</u>	CUB	LE	Shallow 3 1 3 26 248 33E	636726	3561968	4362 01/08/2013	01/09/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 03600 POD4</u>	CUB	LE	Shallow 3 3 1 26 248 33E	636617	3562293	4020 01/08/2013	01/08/2013 01/30/2013		RODNEY HAMMER	1186
<u>C 04707 POD1</u>	CUB	LE	4 3 3 33 23S 33E	633413	3569469	3991 04/11/2023	04/12/2023 04/27/2023		ATKINS, JACKIE D.UELENER	1249
<u>C 03591 POD1</u>	CUB	LE	Artesian 2 1 4 05 248 33E	632731	3568518	3774 12/08/2012	01/10/2013 01/25/2013		PHILLIP STEWART	331

any particular purpose of the data.

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WELLS WITH WELL LOG INFORMATION

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		(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 Lice Driller Nam		Driller Company:
Drill Start D	Date:	Drill Finish Date: Plug Date:
Log File Da	ate: 04/02/2013	PCW Rcv Date: Source:
Pump Type	):	Pipe Discharge Size: Estimated Yield:
Casing Size	۵'	Depth Well: Depth Water:



<b>Well Tag</b> NA		<b>DD Number</b> 04741 POD1	(qua	rters a	are sr	nalles <sup>.</sup> Sec	NE 3= to larg <b>Tws</b> 24S	Rng		M in meters) Y 3567039 🌍	
Driller Licen Driller Name		1456 JOHN W WHITE	Driller C	omp	any	: W	HITE	DRILLIN	IG COMP	ANY	
Drill Start Dat	te:	05/08/2023 06/15/2023	Drill Fini PCW Rc	v Da	te:		05/1	1/2023	Sour		
Pump Type: Casing Size			Pipe Dis Depth W		ge \$	Size:	55 f	eet		nated Yield: h Water:	



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Casing Size	e:	Depth Well:		Dept	h Water:	
Pump Type	:	Pipe Discharge Size:		Estin	nated Yield:	
Log File Da	te: 04/02/2013	PCW Rcv Date:		Sour	ce:	
Drill Start D	Date:	Drill Finish Date:		Plug	Date:	
Driller Nam		Dimer Company,				
Driller Licer	nco:	Driller Company:				
	C 03565 POD9	4 4 15 248	8 33E	636430	3565005 🌍	
Well Tag	POD Number	Q64 Q16 Q4 Sec Tw	s Rng	Х	Y	
		(quarters are smallest to la	E) (NAD83 UTM in meters)			



							=NE 3= t to lar <u>c</u>	SW 4=SE jest)		ſM in meters)	
Well Tag	PC	DD Number	Q64	Q16	<b>Q4</b>	Sec	Tws	Rng	Х	Y	
NA	С	04339 POD7	4	4	2	23	24S	33E	636473	3564011	<b>`</b>
Driller Licen	se:	1575	Driller C	omp	any	: CI	JRRIE		ING COM	PANY, INC	
Driller Name	:	CURRIE, SHAN	EGTY"EN	IER							
Drill Start Da	ate:	07/31/2019	Drill Fin	ish C	)ate:	:	07/3	31/2019	Plug	Date:	07/31/2019
Log File Date	e:	08/22/2019	PCW Ro	v Da	te:				Sour	rce:	
Pump Type:			Pipe Dis	cha	ge \$	Size:			Estir	nated Yield	<b>:</b>
Casing Size:			Depth V	/ell:			43 f	eet	Dept	th Water:	



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# New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters) (quarter					· · · ·	(NAD83 UI	M in meters)	
Well Tag	<b>POD</b> Number	Q64 Q	16	Q4	Sec	Tws	Rng	Х	Y	
	C 03565 POD6		3	3	10	24S	33E	635022	3566373 🌍	
Driller Lic	ense:	Driller C	om	рап	y:					
Driller Na	me:									
Drill Start	Date:	Drill Fin	ish	Dat	e:			Plu	ıg Date:	
Log File D	ate:	PCW Rc	v D	ate				So	urce:	
Ритр Тур	e:	Pipe Dise	cha	rge	Size:			Est	timated Yield:	
	ze:	Depth W						~	pth Water:	

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

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# New Mexico Office of the State Engineer Point of Diversion Summary

		<b>N</b>				E 3=SV largest	√ 4=SE) )	(NAD83 UI	[M in meters)
Well Tag	<b>POD</b> Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03565 POD4		4	1	09	24S	33E	633672	3567057 🌍
Driller Lic	ense:	Driller	Сог	npar	ıy:				
Driller Na	me:			•	•				
Drill Start	Date:	Drill F	inisl	n Dat	te:			Ph	ıg Date:
Log File D	ate:	PCW I	Rcv ]	Date	:			So	urce:
D (T	e:	Pipe D	isch	arge	Size:			Est	timated Yield:
Pump Typ									

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



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# New Mexico Office of the State Engineer Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)		
Well Tag	<b>POD</b> Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	
	C 03565 POD1		1	4	06	24S	33E	630871	3568316 🌍	
Driller License:		Driller Company:								
Driller Na	me:									
Drill Start Date:		Drill Finish Date:						Plug Date:		
Log File Date:		PCW I	PCW Rcv Date:						Source:	
Pump Type:		Pipe D	Pipe Discharge Size:						<b>Estimated Yield:</b>	
Casing Size:		Depth	Depth Well:						Depth Water:	

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# New Mexico Office of the State Engineer **Point of Diversion Summary**

		(quarters (quarters					(NAD83 UTM in meters)		
Well Tag	POD Number	Q64 Q1	6 Q4	Sec	Tws	Rng	Х	Y	
	C 03565 POD6	3	3	10	24S	33E	635022	3566373	
Driller License: Driller Name:		Driller C	ompa	ny:					
Drill Start Date:		Drill Fini	sh Da	ite:			Plug Date:		
Log File Date:		PCW Rev	Dat	e:			Source:		
Pump Type:		Pipe Disc	harge	e Size:			Est	Estimated Yield:	
Casing Size:		Depth W	ell:				Depth Water:		
		•	U	e Size:					

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# New Mexico Office of the State Engineer **Point of Diversion Summary**

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)							
Well Tag	POD Number	Q64 Q16 Q4 Sec Tws Rng X Y							
	C 03565 POD4	4 1 09 24S 33E 633672 3567057							
Driller License:		Driller Company:							
Driller Nai	me:								
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, or suitability for any particular purpose of the data.

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# New Mexico Office of the State Engineer **Point of Diversion Summary**

		(quarters are 1=NW 2=NE 3=S (quarters are smallest to larges	,
Well Tag	POD Number	Q64 Q16 Q4 Sec Tws	Rng X Y
	C 03565 POD1	1 4 06 24S	33E 630871 3568316
Driller Lico Driller Nar		Driller Company:	
Drill Start Date:		Drill Finish Date:	Plug Date:
Log File Date:		PCW Rev Date:	Source:
Pump Type:		Pipe Discharge Size:	<b>Estimated Yield:</b>
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, or suitability for any particular purpose of the data.

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JACKSON 16H Groundwater Map



PTUNE LGL

C03565 POD8 - 647' FROM SITE NO GW DEPTH

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## Legend

C03565 POD 9 - 1400' FROM SITE NO GW DEPTH

Page 72 of 699

- C03565 POD8 647' FROM SITE NO GW DEPTH
- C04339 POD7 2326' FROM SITE WITH 43'DGW
- C04741 POD1 900' FROM SITE NO GW DEPTH

R. 1

76,952 sq. ft.

C04339 POD7 2326' FROM SITE WITH 43'DGW

C03565 POD 9 - 1400' FROM SITE NO GW DEPTH
# **OSE POD Location Map**





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



#### 

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

## Natalie Gladden

rom:	Nobui, Jennifer, EMNRD <jennifer.nobui@emnrd.nm.gov></jennifer.nobui@emnrd.nm.gov>
Sent:	Thursday, April 20, 2023 9:02 AM
o:	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: <u>natalie@energystaffingllc.com</u>



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

Company	Name:	ТАР	ROCK		Location	Name:	JACKSON	I 16H		Release Date:	
SP ID	Douth	Tite	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notos
SP1D SP1	Depth SURF	<b>Titr</b> 3120	H H	114	857	77800	27900	105700	3760	CALICHE	Notes 23-Jan
381	2 2	480	п	114	007	//800	27900	103700	3700	CALICHE	23-Jall
	4	240								CALICHE	
	6	320								CALICHE	
	8	320								CALICHE	
	10	400									
	10	320									
	14	320	L	ND	ND	ND	ND	ND	264	CALICHE	
	<u> </u>	020									
SP2	SURF	2800	н	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	Н	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	Н	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	н	0.107	ND	2040	928	<b>2968</b>	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	Н	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	Н	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	Н	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	н	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	н	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	н	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	н	ND	ND	89	<b>69.3</b>	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	н	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
			1								
SP19	SURF	80	н	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	н	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

Page	79	of	699
1 "8"	1	<b>y</b>	· · ·

SP21	SURF	320	н	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	Н	ND	ND	237	334	571	ND	
	2	80								24-Apr
	4	80	L	ND	ND	ND	ND	ND	22	24-Apr
SP23	SURF	1440	Н	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	Н	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	Н	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	н	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	Н	ND	ND	362	194	556	ND	
	1	80								
	2	80	L	ND	ND	ND	ND	ND	ND	
SP35	SURF	800	Η	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	Н	112	900	19400	<b>5180</b>	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	Н	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	Н	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	н	0.0342	ND	775	329	1104	41	2/1/2023
	2	160								
	4	80	L	ND	ND	ND	ND	ND	ND	
SP42	SURF	160	н	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	н			454	02.2	224.2	ND	2/2/2022
5P40	2	160	•	ND	ND	151	83.3	234.3	ND	2/2/2023
	4	80	L	ND	ND	ND	ND	ND	ND	
	4	00								
SP47	SURF	160	н	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	I	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	Н	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	
<u></u>	CURE									2/2/2222
SW11	SURF	80	L	ND	ND	ND	ND	ND	ND	2/2/2023
	1 2	80 80	L	ND	ND	ND	ND	ND	ND	
	2	80	L		ND	ND	ND	ND	ND	
SW12	SURF	160	L	ND	ND	ND	ND	ND	200	2/2/2023
30012	1	80	L	ND		ND		ND	200	2/2/2023
	2	80	L	ND	ND	ND	ND	ND	ND	
	2	00								
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	н	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	Н	ND	ND	165	137	302	805	2/2/2023

	1	80								
	2	80	L	ND	ND	ND	ND	ND	64.2	
SW16	SURF	80	н	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	



LOCATION JACKSON 16H

LOCATION	JACKJON ION	
	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
an		

32.223978

32.223839

-103.560334

-103.560322

SP41

SP42

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></nelson.velez@emnrd.nm.gov>
Sent:	Friday, October 20, 2023 8:18 AM
То:	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/



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

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: <u>natalie@energystaffingllc.com</u>



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

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

Page	-1/	16	of	600
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Company Name:		ТАР	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		
COMPS	4	100		ND	ND	ND		ND	205		
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		
COMPZ	6	160		ND	ND	ND	ND	ND	220		
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		ND	ND	ND	ND	ND	457		
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		
COMPLE	6	20		ND	ND	ND		ND	41 F		
COMP15	6	80	L	ND	ND	ND	ND	ND	41.5		
COMP16	6	240	L	ND	ND	ND	ND	ND	163		

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COMP17	6	160	L	ND	ND	ND	ND	ND	166	
COMP18	6	80	L	ND	ND	ND	ND	ND	69.4	
COMP10	6	240		ND	ND	ND	ND	ND	150	
COMP19	6	240	L	ND	ND	ND	ND	ND	159	
COMP20	6	80	L	ND	ND	ND	ND	ND	81.3	
			L						01.5	
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	1	ND	ND	ND	ND	ND	93	
COIVIP24	0	80	L	ND	ND	ND	ND	ND	95	
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	
	0	100	L						115	
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	
COM(D22		00		ND	ND	ND	ND	ND	ND	
COMP33	2	80	L	ND	ND	ND	ND	ND	ND	

Page	1	<i>08</i>	0	f	6	9	9

COMP34	2	80	L	ND	ND	ND	ND	ND	43.3	
COMP35	2	160	L	ND	ND	ND	ND	ND	122	
COMP36	2	100		ND	ND	ND	ND	ND	42.5	
COMP36	2	160	L	ND	ND	ND	ND	ND	42.5	
COMP37	6	160	L	ND	ND	ND	ND	ND	43.7	
	0	100	<u> </u>			ND				
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	
COMP44	C C	240		ND	ND	ND	ND	ND	01	
COMP41	6	240	L	ND	ND	ND	ND	ND	81	
COMP42	6	80	L	ND	ND	ND	ND	ND	ND	
	Ű	00	L							
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	
COMPAG	C C	240		ND	ND	ND	ND	ND	67	
COMP46	6	240	L	ND	ND	ND	ND	ND	67	
COMP47	2	160	L	ND	ND	ND	ND	ND	124	
	~	100	-							
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	
Page	1	09	0	f	6	9	9			
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COMP51	10	160	L	ND	ND	ND	ND	ND	120	
COMP52	10	80	L	ND	ND	ND	ND	ND	51.8	
CON4052	4	00		ND	ND	ND	ND	ND	ND	
COMP53	4	80	L	ND	ND	ND	ND	ND	ND	
COMP54	4	240	L	ND	ND	ND	ND	ND	ND	
	•	210	L							
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	
COMPER	4	240	1		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	
	4	80	L							
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	
					ND	ND			ND	
COMP67	4	80	L	ND	ND	ND	ND	ND	ND	

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COMP68	4	240	L	ND	ND	ND	ND	ND	ND	
COMP69	4	80	L	ND	ND	ND	ND	ND	ND	
COMP70	4	100		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	
	T	240	<u> </u>				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	
	4	160			ND	ND		ND	ND	
COMP75	4	160	L	ND	ND	ND	ND	ND	ND	
COMP76	4	80	L	ND	ND	ND	ND	ND	ND	
		00	Ŀ				ND	ne.	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	
								ND	ND	
COMP80	4	80	L	ND	ND	ND	ND	ND	ND	
COMP81	4	80	L	ND	ND	ND	ND	ND	ND	
	-+	00	L							
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	

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COMP85	4	80	L	ND	ND	ND	ND	ND	ND	
COMP86	4	160	L	ND	ND	ND	ND	ND	ND	
CON4007					ND			ND	ND	
COMP87	4	80	L	ND	ND	ND	ND	ND	ND	
COMP88	4	80	L	ND	ND	ND	ND	ND	ND	
		00	<b>-</b>	ND	nib	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	
CONF92	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	
COMPAG		00		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	
	4	00	Ĺ							

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COMP102	4	80	L	ND	ND	ND	ND	ND	ND	
COMP103	4	80	L	ND	ND	ND	ND	ND	25.6	
					ND			ND	20.4	
COMP104	4	80	L	ND	ND	ND	ND	ND	20.4	
COMP105	4	80	L	ND	ND	ND	ND	ND	22	
		00			nib	ND	ND			
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	
CONF109	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	
COM0112	4	80	-	ND	ND	ND	ND	ND	ND	
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	
CON12117		00		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	
	4	60	L	טא		ND				

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		~J	~ ~ ~

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	
	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	
CONFIZS	4	80	L	ND	ND	ND	ND	ND	22.5	
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	
CONF123	4	80	L	ND	ND	ND		ND	30.0	
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	
	т		-						50.4	
COMP134	4	80	L	ND	ND	ND	ND	ND	39.4	
COMP135	4	80	L	ND	ND	ND	ND	ND	34.1	

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COMP136	4	80	L	ND	ND	ND	ND	ND	30.4	
COMP137	4	80	L	ND	ND	ND	ND	ND	29.6	
CON40420							ND	ND	20.6	
COMP138	4	80	L	ND	ND	ND	ND	ND	28.6	
COMP139	4	80	L	ND	ND	ND	ND	ND	31.8	
CONII 135	-	00	E	ND	ND	ND		ND	51.0	
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	
							ND	ND	20.0	
COMP143	4	80	L	ND	ND	ND	ND	ND	28.9	
COMP144	4	80	L	ND	ND	ND	ND	ND	28.4	
		00	<u> </u>	ND	ND	ND			20.4	
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	
SWCOMD2	4	100	-	ND	ND	ND	ND	ND	100	
SWCOMP2	4	160	L	ND	ND	ND	ND	ND	189	
SWCOMP3	4	160	L	ND	ND	ND	ND	ND	194	
		100	-						101	
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	

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SWCOMP7	4	80	L	ND	ND	ND	ND	ND	ND	
SWCOMP8	4	80	L	ND	ND	ND	ND	ND	ND	
CIA/CON ADO	4	00		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	
					ND		ND			
SWCOMP13	4	80	L	ND	ND	ND	ND	ND	ND	
SWCOMP14	4	160	L	ND	ND	ND	ND	ND	144	
500000000	•	100	L						111	
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	
500000000		100	Ŀ						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	
500000122	-	100	L							
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	



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
C12	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	32.224005	-103.559537
C77	32.224012	-103.559626
C78	32.224025	-103.559719
C79	32.224035	-103.559808
C80	32.224040	-103.559901
C81 C82	32.224067 32.224057	-103.560003 -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	102 560519
C90	32.223984	-103.560518 -103.560412
C91	32.223991	-103.560344
C92		
	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
C132	32.223783	-103.560225
C134	32.22378	-103.560132
C134 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





5796 U.S. Hwy 64 Farmington, NM 87401

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





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**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Tap Rock

Project Name: Ja

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

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,



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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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum	mary		
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	Jackson 16H 20046-0001 Natalie Gladden		<b>Reported:</b> 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.
P2 - SURF	E301128-02A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
P3 - SURF	E301128-03A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
P4 - 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.
P6 - SURF	E301128-06A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
P7 - 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.
P9 - 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.
P18 - SURF	E301128-18A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
P19 - 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.



	56	ampie D	ala			
Tap Rock	Project Name:		tson 16H			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			1/27/2023 4:24:55PN
	S	SP1 - SURF				
		E301128-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	t: 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	t: 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	<i>S5</i>
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	t: KL		Batch: 2304038
Chloride	3760	40.0	2	01/26/23	01/27/23	

## Sample Data



#### Sample Data

	D.	imple D	ala			
Tap Rock	Project Name:		son 16H			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	ilie Gladden			1/27/2023 4:24:55PM
	S	SP2 - SURF				
		E301128-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	Analys	t: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		104 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2304038
Chloride	3440	40.0	2	01/26/23	01/27/23	



## Sample Data

		impic D	aca			
Tap Rock	Project Name:		son 16H		_	
7 W. Compress Road	Project Numbe		46-0001		Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	S	SP3 - SURF				
		E301128-03				
		Reporting				
Analyte	Result	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		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	
Surrogate: n-Nonane		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

	Si	ample D	ala			
Tap Rock	Project Name:	Jack	tson 16H			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	5	SP4 - SURF				
		E301128-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	t: 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	
p-Xylene	ND	0.0250	1	01/25/23	01/26/23	
o,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Fotal Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: KM			Batch: 2304032
Diesel Range Organics (C10-C28)	109	25.0	1	01/26/23	01/26/23	
Dil Range Organics (C28-C36)	99.4	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		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

	Si	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16H 46-0001 Ilie Gladden			<b>Reported:</b> 1/27/2023 4:24:55PM
	5	SP5 - SURF				
		E301128-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
p-Xylene	ND	0.0250	1	01/25/23	01/26/23	
o,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		97.3 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	166	25.0	1	01/26/23	01/26/23	
Dil Range Organics (C28-C36)	108	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		105 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2304038
Chloride	169	20.0	1	01/26/23	01/27/23	



## Sample Data

			ata			
Tap Rock	Project Name:					
7 W. Compress Road	Project Numbe		46-0001		Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	S	SP6 - SURF				
		E301128-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Foluene	ND	0.0250	1	01/25/23	01/26/23	
p-Xylene	ND	0.0250	1	01/25/23	01/26/23	
o,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	Analys	t: 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	
Dil 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	Analys	t: KL		Batch: 2304038
Chloride	754	20.0	1	01/26/23	01/27/23	



## Sample Data

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Tap Rock	Project Name:		son 16H			
7 W. Compress Road	Project Numbe		46-0001	Reported:		
Artesia NM, 88210	Project Manag	er: Nata	ilie Gladden			1/27/2023 4:24:55PM
	5	SP7 - SURF				
		E301128-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL		
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	
-Xylene	ND	0.0250	1	01/25/23	01/26/23	
o,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
urrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	338	25.0	1	01/26/23	01/26/23	
Dil Range Organics (C28-C36)	209	50.0	1	01/26/23	01/26/23	
urrogate: n-Nonane		101 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2304038
Chloride	840	20.0	1	01/26/23	01/27/23	



#### Sample Data

	5	ampie D	ala			
Tap Rock	Project Name:		son 16H			
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	Ś	SP8 - SURF				
		E301128-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	0.0361	0.0250	1	01/25/23	01/27/23	
o,m-Xylene	0.0713	0.0500	1	01/25/23	01/27/23	
Fotal 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	Analy	vst: 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	Analy	yst: KM		Batch: 2304032
Diesel Range Organics (C10-C28)	2040	25.0	1	01/26/23	01/26/23	
Dil 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	Analy	yst: KL		Batch: 2304038
Chloride	289	20.0	1	01/26/23	01/27/23	
Anions by EPA 300.0/9056A Chloride					01/27/23	Batch: 2.



#### Sample Data

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Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son 16H 46-0001		Reported:	
Artesia NM, 88210	Project Manag		alie Gladden		1/27/2023 4:24:55PM	
	S	SP9 - SURF				
		E301128-09				
		Reporting				
Analyte	Result	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	
o,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	
urrogate: 4-Bromochlorobenzene-PID		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	
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)	6630	50.0	2	01/26/23	01/27/23	
Dil Range Organics (C28-C36)	2330	100	2	01/26/23	01/27/23	
Surrogate: n-Nonane		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

		ampic D	aia			
Tap Rock 7 W. Compress Road	Project Name: Project Numb		son 16H 46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	S	P10 - SURF				
		E301128-10				
		Reporting				
Analyte	Result	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	
-Xylene	39.6	0.500	20	01/25/23	01/27/23	
,m-Xylene	101	1.00	20	01/25/23	01/27/23	
otal Xylenes	140	0.500	20	01/25/23	01/27/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	18300	2500	50	01/26/23	01/27/23	
urrogate: n-Nonane		932 %	50-200	01/26/23	01/27/23	<i>S5</i>
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	

	56		ata			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son 16H 46-0001		Reported:	
Artesia NM, 88210	Project Manag		lie Gladden			1/27/2023 4:24:55PM
, 	, .					
		P11 - SURF				
		E301128-11				
		Reporting				
Analyte	Result	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	
p-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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	



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Tap Rock	Project Name:		son 16H			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	S	SP12 - SURF				
		E301128-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	01/25/23	01/27/23	
o,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Fotal Xylenes	ND	0.0250	1	01/25/23	01/27/23	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		101 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2304038
Chloride	881	20.0	1	01/26/23	01/27/23	



	56	impic D	ata			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son 16H 46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			1/27/2023 4:24:55PM
	S	P13 - SURF				
		E301128-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	0.259	0.0250	1	01/25/23	01/27/23	
o,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	
Surrogate: 4-Bromochlorobenzene-PID		121 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	45.9	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/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	
Surrogate: n-Nonane		102 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2304038
Chloride	66.6	20.0	1	01/26/23	01/27/23	



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Tap Rock	Project Name: Project Numbe		cson 16H 46-0001	Reported:		
7 W. Compress Road Artesia NM, 88210	Project Manag		alie Gladden		1/27/2023 4:24:55PM	
Antesia 1991, 00210	i iojeet Manag	,er. 14aa	ine Gladden			12,2020 11210011
	S	P14 - SURF				
		E301128-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,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	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		102 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2304038
Chloride	75.9	20.0	1	01/26/23	01/27/23	



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Tap Rock 7 W. Compress Road	Project Name: Project Numbe	er: 2004	Jackson 16H 20046-0001			Reported:
Artesia NM, 88210	Project Manager: Natalie Gladden					1/27/2023 4:24:55PM
	S	P15 - SURF				
		E301128-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	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	
p-Xylene	ND	0.0250	1	01/25/23	01/27/23	
o,m-Xylene	ND	0.0500	1	01/25/23	01/27/23	
Fotal Xylenes	ND	0.0250	1	01/25/23	01/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
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	412	20.0	1	01/26/23	01/27/23	



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Tap Rock 7 W. Compress Road	Project Name: Project Numb		Jackson 16H 20046-0001		Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			1/27/2023 4:24:55PM
	S	P16 - SURF				
		E301128-16				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	01/25/23	01/27/23	
o,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		96.4 %	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	



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Tap Rock	Project Name:		Jackson 16H			
7 W. Compress Road	5		46-0001	Reported:		
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			1/27/2023 4:24:55PM
	S	P17 - SURF				
		E301128-17				
		Reporting				
Analyte	Result	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	
p-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	

	5		ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16H 46-0001 alie Gladden			<b>Reported:</b> 1/27/2023 4:24:55PM
	,	P18 - SURF				
		E301128-18				
		Reporting				
Analyte	Result	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	
Foluene	ND	0.0250	1	01/25/23	01/27/23	
p-Xylene	ND	0.0250	1	01/25/23	01/27/23	
o,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	xg Analyst: KM		Batch: 2304032	
Diesel Range Organics (C10-C28)	297	25.0	1	01/26/23	01/27/23	
Dil 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	


	D.	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16H 46-0001 alie Gladden			<b>Reported:</b> 1/27/2023 4:24:55PM
	S	P19 - SURF				
		E301128-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		97.0 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		105 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2304038
Chloride	65.3	20.0	1	01/26/23	01/27/23	



	56	ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16H 46-0001 alie Gladden			<b>Reported:</b> 1/27/2023 4:24:55PM
	S	P20 - SURF				
		E301128-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		98.0 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2304030
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	01/25/23	01/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		108 %	50-200	01/26/23	01/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2304038
Chloride	82.7	20.0	1	01/26/23	01/27/23	



## **QC Summary Data**

		$\mathbf{x} \circ \sim \mathbf{x}$		i y Date	~				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ckson 16H 046-0001 ntalie Gladden	L				<b>Reported:</b> 1/27/2023 4:24:55PM
		Volatile O	rganics b	y EPA 802	1B				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: 0	1/25/23 A	analyzed: 01/26/23
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: 4-Bromochlorobenzene-PID	ND ND ND ND ND 8.13	0.0250 0.0250 0.0250 0.0250 0.0500 0.0250	8.00		102	70-130			
LCS (2304030-BS1)						]	Prepared: 0	1/25/23 A	nalyzed: 01/26/23
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: 4-Bromochlorobenzene-PID	4.76 5.24 5.25 5.41 10.6 16.0 8.15	0.0250 0.0250 0.0250 0.0250 0.0500 0.0250	5.00 5.00 5.00 5.00 10.0 15.0 8.00		95.2 105 105 108 106 107 <i>102</i>	70-130 70-130 70-130 70-130 70-130 70-130 70-130			
LCS Dup (2304030-BSD1)						]	Prepared: 0	1/25/23 A	nalyzed: 01/26/23
Benzene Ethylbenzene Toluene o-Xylene p.m-Xylene Total Xylenes	4.51 4.96 4.96 5.14 10.1 15.2	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250	5.00 5.00 5.00 5.00 10.0 15.0		90.1 99.1 99.2 103 101 101	70-130 70-130 70-130 70-130 70-130 70-130	5.48 5.50 5.70 5.12 5.48 5.36	20 20 20 20 20 20 20 20	



## **OC Summary Data**

		QU L	/	I J Date					
Tap Rock 7 W. Compress Road		Project Name: Project Number		ackson 16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager	r: N	atalie Gladder	1				1/27/2023 4:24:55PM
	No	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304030-BLK1)							Prepared: 0	1/25/23 A	nalyzed: 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: 0	1/25/23 A	nalyzed: 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: 0	1/25/23 A	nalyzed: 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**

		$\mathbf{x} \in \mathcal{S}$		ing Dutu	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ickson 16H )046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					1/27/2023 4:24:55PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304032-BLK1)							Prepared: 0	1/26/23 A	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: 0	1/26/23 A	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: I	E <b>301128-</b> (	05	Prepared: 0	1/26/23 A	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: I	E <b>301128-</b> (	05	Prepared: 0	1/26/23 A	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**

		•		v					
Tap Rock		Project Name:		ickson 16H					Reported:
7 W. Compress Road		Project Number	: 20	0046-0001					
Artesia NM, 88210		Project Manager	r: N	atalie Gladder	1				1/27/2023 4:24:55PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2304038-BLK1)							Prepared: 0	1/26/23 A	Analyzed: 01/27/23
Chloride	ND	20.0							
LCS (2304038-BS1)							Prepared: 0	1/26/23 A	Analyzed: 01/27/23
Chloride	264	20.0	250		106	90-110			
LCS Dup (2304038-BSD1)							Prepared: 0	1/26/23 A	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.



Tap Rock	Project Name: J	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.

oject Information ient: アチアスタンド oject: SACK SGN 16 H oject Manager:					Bill To			Lab Use			ise Only			T	_	TAT			EPA Progra	
			Н	Attent	ion: <u>ESS</u>	OAD	Lab WO#						1D	2D	3D			CWA	SDW	
dress:	S: City, State, Zip HOBBS, NM			ate, Zip HOBBS, NM 882			2011	20				nd Metho		15					RCR	
ty, State, Zip none:			Phone: 575-393-9048		<u>575-393-9048</u> TO: Natalie@energystaffing			S S									-	ik-i	State	
nail: eport due by:	-				tah@energystaffingllc.com		by 80	) by 80	\$021	260	010	300.0		NN	TX			NM CO	UT AZ	TX
Time Date	Matrix	No. of Containers	Sample ID			Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC		-		Remarks	II.,
ampled Sampled	C	Containers				Number	DF	GF	B	- N	S	5		X	. 86					
1/23/23			1	SARF		1		<u> </u>												
		<u>                                      </u>	502-	SURP		2	8							4						
			Sp3-	SYRA		3														
			584-	SURA		4														1961
			SPS-	SURF		5														
				SURF		6									V					
				SURF		7									$\uparrow$					
						8									4	1				
				SURF		Sand Market								+						
	<u>                                      </u>		589-	SYRF		9				-										
			SPID-	SYRF		10			<u> </u>					1		<u> </u>				
dditional Instru																				
field sampler), attest te or time of collectio					tampering with or intentionally mislal Sampled by: MIRIV	and the and	le loca	tion,										in ice the day subsequent da	they are samp iys.	ited or re
linquished by: (Sig		. Date	"/23/22 Tim	4	eceived by: (Signature)	Date 1-25	-23	Time	315	5	Rec	eive	d on ice:		Lab L	lse Or V	nly			
linquished by: (Sig	ature)	Date	25-22 1	700	eceived by: (Signature)	Date 1-25	23	Time	32	)	T1			TO				Т3		

Page 15

roject Information	Chain of	Custody	6											Page	of
Client: TAPROCK Project: SACKSON 164	Bill To	<u>.</u>			Lab	500 - C C C C	e Onl					TAT			rogram
roject:   Topect   Attention:   ESS     roject Manager:   Address:   2724 NW CO     ddress:   City, State, Zip   HOBBS,			Lab V	NO#	28		200	lumbe 46-0			2D X	3D S	Standard	CWA	SDW RCR
City, State, Zip Phone: Email: Report due by:	Phone: 575-393-9048 EMAIL TO: Natalie@energystaffingllc. Dakoatah@energystaffingllc.com		DRO/ORO by 8015	GRO/DRO by 8015	8021					WN	XL			State UT AZ	1
Time Date Matrix No. of Containers Sample ID		Lab Number	DRO/OR	GRO/DR	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	L
1/23/13 S. I. SP.	11-54R6-	11								X				61	
	2-SYRF	12													
SP/:	3- 59RF	13													
SP14	- SYRF	14													
SPIS	- SYRF	15													
	5-101	10													
SP17	- SYEF	17													
SP/B	- SYRF - SYRF - SYRF.	18			_										
SP19	- SURF	19													
SP20	- SYRI.	20													
Additional Instructions:	1 0	ing the sample $A = P$	e locat	on,		-	1						ved on ice the day I on subsequent da		oled or rec
date or time of collection is considered fraud and may be grounds Relinquished by: (Signature) $Date / I/23/23$	me Received by: (Signature)	Date 1-25-	23	Time 13	15				on ice:			se Only			
	me 1700 Repeived by: (Signature)	Date 1-25-2	23	Time 17			T1			T2			T3		
and the second	me Received by: (Signature)	Date		Time			1 and			1	SPACE OF C	Lawylester (	AR STREET, SUM	Contraction State	

Note: Samples are discarded 30 days after results are reported unless other arrangements are made

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 report for the analysis of the above

Page 32 of 33 b the amount paid for on the report. Page 153 of 699

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

lient:	Tap Rock	Date Received:	01/26/23 08	8:25	Work Order ID: E301128
Phone:	(575) 390-6397	Date Logged In:	01/25/23 1:	5:53	Logged In By: Caitlin Christian
Email:		Due Date:	01/27/23 1	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location mate	ch the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	'ourier
4. Was t	he COC complete, i.e., signatures, dates/times, request	ted analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did tl	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project manager and time sampled not
Sample					provided on COC by client.
7. Was a	a sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	es, were custody/security seals intact?		NA		
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample	temperature: <u>4°</u>	<u>'C</u>		
Sample	Container				
14. Are	aqueous VOC samples present?		No		
15. Are	VOC samples collected in VOA Vials?		NA		
16. Is th	e 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	e appropriate volume/weight or number of sample contained	ers collected?	Yes		
Field La	abel				
	e field sample labels filled out with the minimum infor	mation:			
	Sample ID? Data /Time Callested?		Yes		
	Date/Time Collected? Collectors name?		Yes	•	
	Preservation_		No		
	s the COC or field labels indicate the samples were pro-	eserved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved me	etals?	No		
	nase Sample Matrix				
	s the sample have more than one phase, i.e., multiphas	e?	No		
	es, does the COC specify which phase(s) is to be analyzed		NA		
	tract Laboratory				
		<b>u</b> 9	No		
	samples required to get sent to a subcontract laborator	v :			
28. Are	samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if			Subcontract Lab	: na

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



envirotech Inc.

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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,



Page 156 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

**Southern New Mexico Area** Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com 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

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

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum	mai y		
Tap Rock		Project Name:	Jackson #16H		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reporteu.
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.



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	S	P 36 - SURF	1			
		E302017-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,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	Analys	t: 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	Analys	t: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	19400	250	10	02/03/23	02/03/23	
Dil 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	\$5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2305067
Chloride	243	20.0	1	02/03/23	02/03/23	

## Sample Data

#### Sample Data

	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	S	P 37 - SURF	I			
		E302017-02				
		Reporting				
Analyte	Result	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	
p-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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		806 %	50-200	02/03/23	02/04/23	<i>S5</i>
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	



	Di	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	S	P 38 - SURF	1			
		E302017-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	02/02/23	02/03/23	
o,m-Xylene	ND	0.0500	1	02/02/23	02/03/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/03/23	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	90.8	25.0	1	02/03/23	02/03/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		84.4 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	



	50	impic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	SI	P 39 - SURF	1			
	]	E302017-04				
		Reporting				
Analyte	Result	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	
Foluene	0.962	0.125	5	02/02/23	02/06/23	
p-Xylene	9.98	0.125	5	02/02/23	02/06/23	
o,m-Xylene	23.8	0.250	5	02/02/23	02/06/23	
Fotal Xylenes	33.7	0.125	5	02/02/23	02/06/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	4250	500	10	02/03/23	02/04/23	
Surrogate: n-Nonane		233 %	50-200	02/03/23	02/04/23	<i>S5</i>
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	



	50	ampic D	ala			
Tap Rock	Project Name:		son #16H			
7 W. Compress Road	Project Numbe		46-0001	Reported:		
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden		2/6/2023 3:35:48PM	
	S	P 40 - SURF	I			
		E302017-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	02/02/23	02/03/23	
o,m-Xylene	ND	0.0500	1	02/02/23	02/03/23	
Fotal Xylenes	ND	0.0250	1	02/02/23	02/03/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		87.6 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2305067
Chloride	50.4	20.0	1	02/03/23	02/03/23	

	56	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 1lie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	S	P 41 - SURF				
	-	E302017-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	0.0342	0.0250	1	02/02/23	02/03/23	
o,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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	02/02/23	02/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		84.9 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2305067
Chloride	41.0	20.0	1	02/03/23	02/03/23	



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Tap Rock   7 W. Compress Road   A main NM 88210	Project Name: Project Numb	er: 2004	son #16H 46-0001			<b>Reported:</b> 2/6/2023 3:35:48PM
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden	2/0/2025 5:55:48PM		
	S	SP 42 - SURF				
		E302017-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	02/02/23	02/04/23	
o,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/04/23	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		87.5 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	



	5	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	S	SP 43 - SURF	I			
		E302017-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Foluene	ND	0.0250	1	02/02/23	02/04/23	
p-Xylene	ND	0.0250	1	02/02/23	02/04/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Fotal Xylenes	ND	0.0250	1	02/02/23	02/04/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	34.6	25.0	1	02/03/23	02/03/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		88.3 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	

		ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	rson #16H 46-0001 alie Gladden			<b>Reported:</b> 2/6/2023 3:35:48PM
	s	<b>SP 44 - SURF</b>				
		E302017-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	02/02/23	02/04/23	
p,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Fotal Xylenes	ND	0.0250	1	02/02/23	02/04/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/23	02/03/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		87.8 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	



	5	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name Project Numb		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manager:		lie Gladden	2/6/2023 3:35:48PM		
	S	SP 45 - SURF	I			
		E302017-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	02/02/23	02/04/23	
Total Xylenes	ND	0.0250	1	02/02/23	02/04/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2305051
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/23	02/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	02/02/23	02/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2305064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/03/23	02/03/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/03/23	02/03/23	
Surrogate: n-Nonane		89.4 %	50-200	02/03/23	02/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2305067
Chloride	ND	20.0	1	02/03/23	02/03/23	



## **QC Summary Data**

		QC D		ily Date	4				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ickson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	atalie Gladden					2/6/2023 3:35:48PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305051-BLK1)							Prepared: 0	2/02/23 A	nalyzed: 02/03/23
Benzene	ND	0.0250							· ·
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.28	010200	8.00		103	70-130			
LCS (2305051-BS1)							Prepared: 0	2/02/23 A	nalyzed: 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			
p-Xylene	5.13	0.0250	5.00		103	70-130			
o,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: 1	E302010-(	01	Prepared: 0	2/02/23 A	nalyzed: 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			
p-Xylene	4.85	0.0250	5.00	ND	97.1	63-131			
o,m-Xylene	9.54	0.0500	10.0	ND	95.4	63-131			
Fotal 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: 0	2/02/23 A	nalyzed: 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	
•	5.07	0.0250	5.00	ND	101	61-130	5.39	20	
Toluene	5.07								
Toluene p-Xylene	5.13	0.0250	5.00	ND	103	63-131	5.48	20	
			5.00 10.0	ND ND	103 101	63-131 63-131	5.48 5.42	20 20	
p-Xylene	5.13	0.0250							



## **QC Summary Data**

		QU N	ummu	ii y Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	20	ckson #16H 0046-0001 atalie Gladden					<b>Reported:</b> 2/6/2023 3:35:48PM
	No	nhalogenated (	Organics	by EPA 801	5D - Gl	RO			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
	шgжg	ing kg	шукg	шекс	70	70	70	70	Notes
Blank (2305051-BLK1)							Prepared: 0	2/02/23 A	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: 0	2/02/23 A	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: I	E <b>302010</b> -	01	Prepared: 0	2/02/23 A	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: I	E <b>302010</b> -	01	Prepared: 0	2/02/23 A	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**

		QC D		ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Jackson #16H 20046-0001 Natalie Gladden					<b>Reported:</b> 2/6/2023 3:35:48PM
	Nonh	alogenated Org	anics by	y 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: 0	2/03/23 A	analyzed: 02/03/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			
LCS (2305064-BS1)							Prepared: 0	2/03/23 A	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: <b>E</b>	302017-	10	Prepared: 0	2/03/23 A	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: <b>E</b>	302017-	10	Prepared: 0	2/03/23 A	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**

		$\chi \in \mathbb{R}$			~				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16H 20046-0001 Natalie Gladder	1				<b>Reported:</b> 2/6/2023 3:35:48PM
		Anions	by EPA	300.0/90564	۸				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: 0	2/03/23	Analyzed: 02/03/23
Chloride LCS (2305067-BS1)	ND	20.0					Prepared: 0	2/03/23	Analyzed: 02/03/23
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2305067-MS1)				Source:	E302017-	01	Prepared: 0	2/03/23	Analyzed: 02/03/23
Chloride	512	20.0	250	243	108	80-120			
Matrix Spike Dup (2305067-MSD1)				Source:	E302017-	01	Prepared: 0	2/03/23	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.



	_ ••		
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.

Released Project Information

Page \_\_\_\_\_ of \_\_\_\_\_ by

Client: TOPROCU	Bill To		La	ib Us	e Onl	У			TAT	EPA P	rogram
Project: Sackson #16н Project Manager:	Attention: ESS Address: 2724 NW COUNTY ROAD	Lab WO	2017			lumber			D Standard	CWA	SDWA
Address: Lity, State, Zip Phone: mail:	City, State, Zip HOBBS, NM 88240 Phone: 575-393-9048 EMAIL TO: Natalie@energystaffingllc.com Dakoatah@energystaffingllc.com	8015 8015			Analys	sis and Metho		X		State	RCR/
Time Date Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	1		I I Remark	<u>]      </u> 3
02101/23 5 1 SP	36 - SUF 1						X				
I SP	37 - 506F 2										<u> </u>
SP	38-50F 3						_				
SP SP	39-508F 4										
5,2	40 - SUFF 5										
SP	41 = SUGF 6										
SP SP	42 - 56F 7 43 - 506F 8									0	
	44 - SUF 9										
02/01/23 5 1 SP	45 - SULF 10							X			
Additional Instructions: , (field sampler), attest to the validity and authenticity of this samp date or time of collection is considered fraud and may be grounds	ple. I am aware that tampering with or intentionally mislabelling the samp for legal action. <u>Sampled by: June 5015</u>	ble location,						ove 0 but less	be received on ice the o than 6 °C on subsequen		npled or rec
Juan Solis 02/01/23	ime Received by: (Signatu Date Date Date Date		me 33(		Rec	eived on ice	2:	Lab Use	e Only		
included by to Brece de	Time Received by: (Signature) Date	Ti	me 649 me <b>7:4</b>		<u>T1</u>	C.T. 0.5		2	<u>T3</u>		e - 2 N
Sample Matrix - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Oth Note: Samples are discarded 30 days after results are repo	2233   Demographic Stress   02/03     ner   Contain     inted unless other arrangements are made.   Hazardous samples we     e laboratory with this COC. The liability of the laboratory is limited	ier Type: vill be retur	g - glas med to	s, p - client	poly/p or disp	G Temp <sup>o</sup> C blastic, ag - ar bosed of at the preport.	mber (			analysis of t	he above
samples is applicable only to mose samples received by m	Page 20 of 21	to the on	Same pe		<i>(</i>				iro	+ ~	

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock D	ate Received:	02/03/23 07:	40		Work Order ID:	E302017
Phone:	(575) 390-6397 D	ate Logged In:	02/02/23 16:	24		Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com D	le Date:	02/06/23 17:	:00 (1 day TAT)			
<u>Chain o</u>	f Custody (COC)						
1. Does	the sample ID match the COC?		Yes				
2. Does	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier		
4. Was the	he COC complete, i.e., signatures, dates/times, requested	l analyses?	No				
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	ts/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		•	-	ne sampled not
<u>Sample</u>	<u>Cooler</u>				provided or	n COC by cl	ient.
7. Was a	sample cooler received?		Yes				
8. If yes	, was cooler received in good condition?		Yes				
9. Was th	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes				
13. If no	visible ice, record the temperature. Actual sample ter	nnerature: 1º	~				
		nperature. <u>+</u>	<u>C</u>				
	<u>Container</u>	nperature. <u>+</u>	<u>C</u>				
Sample		nperature. <u>+</u>	<u>C</u> No				
<u>Sample</u> 14. Are	<u>Container</u>	nperature. <u>+</u>					
<u>Sample</u> 14. Are 15. Are	<u>Container</u> aqueous VOC samples present?	nperature. <u>+</u>	No				
Sample 14. Are : 15. Are <sup>-</sup> 16. Is the	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials?	претацие. <u>+</u>	No NA				
Sample 14. Are a 15. Are 16. Is the 17. Was	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	nperature. <u>+</u>	No NA NA				
Sample 14. Are : 15. Are 1 16. Is the 17. Was 18. Are 1	<u>Container</u> aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	. –	No NA NA NA				
Sample 14. Are : 15. Are 1 16. Is the 17. Was 18. Are 1	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers	. –	No NA NA NA Yes				
Sample 14. Are : 15. Are 1 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers <b>bel</b> e field sample labels filled out with the minimum inform	collected?	No NA NA Yes Yes				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers <b>bel</b> e field sample labels filled out with the minimum inform Sample ID?	collected?	No NA NA Yes Yes				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers <b>bel</b> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?	collected?	No NA NA Yes Yes Yes				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	collected?	No NA NA Yes Yes				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were Sample	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	ation:	No NA NA Yes Yes Yes No				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were Sample 21. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese	ation:	No NA NA Yes Yes Yes No				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were 20. Were 21. Does 22. Are :	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	ation:	No NA NA Yes Yes Yes No				
Sample 14. Are 1 15. Are 1 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 1 24. Is lal	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta	ation:	No NA NA NA Yes Yes Yes No No				
Sample 14. Are 1 15. Are 1 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 1 24. Is lal Multiph	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta tase Sample Matrix	ation: erved?	No NA NA Yes Yes Yes No No No No				
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were 20. Were 21. Does 22. Are : 24. Is lat Multiph 26. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? e appropriate volume/weight or number of sample containers? e appropriate volume/weight out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta nase Sample Matrix is the sample have more than one phase, i.e., multiphase?	ation: erved?	No NA NA Ves Yes Yes No No No No				
Sample 14. Are a 15. Are a 15. Are a 16. Is the 17. Was 18. Are a 19. Is the Field La 20. Were 20. Were 21. Does 22. Are a 24. Is lal Multiph 26. Does 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers? e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation as the COC or field labels indicate the samples were prese sample(s) correctly preserved? to filteration required and/or requested for dissolved meta tase Sample Matrix as the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze	ation: erved?	No NA NA Yes Yes Yes No No No No				
Sample 14. Are a 15. Are a 15. Are a 16. Is the 17. Was 18. Are a 19. Is the Field La 20. Were 20. Were 21. Does 22. Are a 24. Is lat Multiph 26. Does 27. If ye	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? e appropriate volume/weight or number of sample containers? e appropriate volume/weight out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meta nase Sample Matrix is the sample have more than one phase, i.e., multiphase?	ation: erved? ils?	No NA NA Ves Yes Yes No No No No				

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



envirotech Inc.

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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,



Page 177 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Ser

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

**Released to Imaging: 6/13/2024 3:20:26 PM** 

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

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

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#### Sample Summary

		sample sum	mary				
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.		



	0	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 2/7/2023 11:43:45AM
	S	SW 1 - SURF	1			
		E302021-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	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	
p-Xylene	ND	0.0250	1	02/04/23	02/06/23	
o,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Fotal Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2306002
Diesel Range Organics (C10-C28)	74.5	25.0	1	02/06/23	02/06/23	
Dil Range Organics (C28-C36)	50.1	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane		98.1 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: BA		Batch: 2305072
Chloride	26.5	20.0	1	02/04/23	02/04/23	

## Sample Data


#### Sample Data

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 2/7/2023 11:43:45AM	
	S	SW 2 - SURF					
		E302021-02					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL			
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		
p-Xylene	ND	0.0250	1	02/04/23	02/06/23		
o,m-Xylene	ND	0.0500	1	02/04/23	02/06/23		
Fotal Xylenes	ND	0.0250	1	02/04/23	02/06/23		
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	02/04/23	02/06/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	02/04/23	02/06/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		
Surrogate: n-Nonane		92.6 %	50-200	02/06/23	02/06/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23		



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 2/7/2023 11:43:45AM	
	S	SW 3 - SURF	I				
		E302021-03					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL			
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		
p-Xylene	ND	0.0250	1	1 02/04/23			
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: 4-Bromochlorobenzene-PID		101 %	70-130	02/04/23	02/06/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	02/04/23	02/06/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		
Surrogate: n-Nonane		98.8 %	50-200	02/06/23	02/06/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2305072	
Chloride	444	20.0	1	02/04/23	02/05/23		



		ampic D	aia			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 2/7/2023 11:43:45AM
	S	SW 4 - SURF				
		E302021-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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	
p-Xylene	ND	0.0250	1	02/04/23	02/06/23	
o,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: 4-Bromochlorobenzene-PID		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		96.8 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2305072
Chloride	ND	20.0	1	02/04/23	02/05/23	



## Sample Data

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Tap Rock	Project Name		cson #16H			D (1
7 W. Compress Road Artesia NM, 88210	Project Numb Project Manag		46-0001 alie Gladden		<b>Reported:</b> 2/7/2023 11:43:45AN	
Artesia NM, 88210	Project Manag	ger: Nata	alle Gladden			2///2025 11:45:45AM
	S	SW 5 - SURF				
		E302021-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	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	
Foluene	ND	0.0250	1	02/04/23	02/06/23	
p-Xylene	ND	0.0250	1	02/04/23	02/06/23	
o,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Fotal Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2306002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane		94.4 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2305072
Chloride	ND	20.0	1	02/04/23	02/05/23	



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Tap Rock	Project Name		son #16H			D ( )
7 W. Compress Road Artesia NM, 88210	Project Numb Project Manag		46-0001 alie Gladden		<b>Reported:</b> 2/7/2023 11:43:45AM	
Aitusia ivivi, 00210	i toject ivialiag					2772023 11.13.131111
	S	SW 6 - SURF				
		E302021-06				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	
p-Xylene	ND	0.0250	1	02/04/23	02/06/23	
o,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: 4-Bromochlorobenzene-PID		105 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2306002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane		97.0 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2305072
Chloride	ND	20.0	1	02/04/23	02/05/23	



	5	ample D	ลเล			
Tap Rock 7 W. Compress Road	Project Name: Project Numb		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag		ilie Gladden		2/7/2023 11:43:45AM	
	S	SW 7 - SURF	I			
		E302021-07				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: 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	
-Xylene	ND	0.0250	1	02/04/23	02/06/23	
o,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Fotal Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.3 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2306002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane		97.5 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2305072
Chloride	ND	20.0	1	02/04/23	02/05/23	



	De	ample D	ala				
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001				Reported:
Artesia NM, 88210	Project Manag		ilie Gladden	2/7/2023 11:43:45AM			
	S	W 8 - SURF					
		E302021-08					
		Reporting					
Analyte	Result	Limit	Dilut	tion F	repared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: SL	Batch: 2305071		
Benzene	ND	0.0250	1	0	2/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	C	2/04/23	02/06/23	
Toluene	ND	0.0250	1	C	2/04/23	02/06/23	
o-Xylene	ND	0.0250	1	C	2/04/23	02/06/23	
o,m-Xylene	ND	0.0500	1	C	2/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	C	2/04/23	02/06/23	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	6	2/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	C	2/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.5 %	70-130	l	2/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2306002
Diesel Range Organics (C10-C28)	74.7	25.0	1	C	2/06/23	02/06/23	
Dil Range Organics (C28-C36)	52.5	50.0	1	0	2/06/23	02/06/23	
Surrogate: n-Nonane		101 %	50-200		2/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2305072
Chloride	ND	20.0	1	C	2/04/23	02/05/23	



#### Sample Data

	58	ample D	ลเล			
Tap Rock	Project Name:		son #16H			
7 W. Compress Road	Project Numbe		46-0001		Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			2/7/2023 11:43:45AM
	S	W 9 - SURF				
		E302021-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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	
p-Xylene	ND	0.0250	1	02/04/23	02/06/23	
o,m-Xylene	ND	0.0500	1	02/04/23	02/06/23	
Fotal Xylenes	ND	0.0250	1	02/04/23	02/06/23	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2305071
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2306002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23	
Surrogate: n-Nonane		96.5 %	50-200	02/06/23	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2305072
Chloride	ND	20.0	1	02/04/23	02/05/23	



	D	ampic D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 2/7/2023 11:43:45AM	
	S	W 10 - SURI	7				
		E302021-10					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: SL			
Benzene	ND	0.0250	1	02/04/23	02/06/23		
Ethylbenzene	ND	0.0250	1	02/04/23	02/06/23		
Foluene	ND	0.0250	1	02/04/23	02/06/23		
p-Xylene	ND	0.0250	1	02/04/23	02/06/23		
o,m-Xylene	ND	0.0500	1	02/04/23	02/06/23		
Fotal Xylenes	ND	0.0250	1	02/04/23	02/06/23		
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	02/04/23	02/06/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2305071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/04/23	02/06/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	02/04/23	02/06/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2306002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/23	02/06/23		
Dil Range Organics (C28-C36)	ND	50.0	1	02/06/23	02/06/23		
Surrogate: n-Nonane		95.2 %	50-200	02/06/23	02/06/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2305072	
Chloride	ND	20.0	1	02/04/23	02/05/23		



## **OC Summary Data**

		QC D		ii y Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson #16H 0046-0001 atalie Gladden					<b>Reported:</b> 2/7/2023 11:43:45AM
		Volatile O		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
					/0	70	70	70	10005
Blank (2305071-BLK1)							Prepared: 0	2/04/23 A	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: 0	2/04/23 A	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: 0	2/04/23 A	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**

		QU L	/	iry Date	4				
Tap Rock 7 W. Compress Road		Project Name: Project Number		ackson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager	r: N	atalie Gladden					2/7/2023 11:43:45AM
	No	nhalogenated	Organics	by EPA 801	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305071-BLK1)							Prepared: 0	2/04/23 A	nalyzed: 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: 0	2/04/23 A	nalyzed: 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: 0	2/04/23 A	nalyzed: 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**

		QC D		ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16H 20046-0001 Natalie Gladden					<b>Reported:</b> 2/7/2023 11:43:45AM
	Nonh	alogenated Org	anics by	v 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	2/06/23 A	nalyzed: 02/06/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	56.1		50.0		112	50-200			
LCS (2306002-BS1)							Prepared: 02	2/06/23 A	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: E	302021-	10	Prepared: 02	2/06/23 A	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: E	302021-	10	Prepared: 02	2/06/23 A	nalyzed: 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**

		$\mathbf{x} \in \mathbf{z}$			~				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16H 20046-0001 Vatalie Gladder	1				<b>Reported:</b> 2/7/2023 11:43:45AM
		Anions	by EPA	300.0/90564	۸				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 (2305072-BLK1)							Prepared: 0	2/04/23	Analyzed: 02/04/23
Chloride LCS (2305072-BS1)	ND	20.0					Prepared: 0	2/04/23	Analyzed: 02/04/23
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2305072-MS1)				Source:	E302021-	01	Prepared: 0	2/04/23	Analyzed: 02/05/23
Chloride	274	20.0	250	26.5	99.0	80-120			
Matrix Spike Dup (2305072-MSD1)				Source:	E302021-	01	Prepared: 0	2/04/23	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.



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.



**Released** oject Information

Chain of Custody

Page \_\_\_\_\_ of \_\_\_\_ by

ent: Jap Rock	Bill To	1			Lab		e Only					TAT		EPA P	rogram
viect: Lachson IFIGH	Attention: ESS		Lab V	VO#	21		Job N			1D	2D		Standard	CWA	SDW/
oject Manager:	Address: 2724 NW COUNTY ROA		E3	0.00	4		ZOO	is and	Metho		X	1			RCR/
dress:	City, State, Zip HOBBS, NM 88240 Phone: 575-393-9048					Í	-			1	1				
y, State, Zip onहेः	EMAIL TO: Natalie@energystaffingllc	.com	15	12										State	
nail:	Dakoatah@energystaffingllc.com		y 8015	y 8015	51	0	0	0.0		NN			[	UT AZ	TX
port due by:			ROL	ORO b	EX by 8021	y 826	\$ 601	de 3(		1	TX		×		
Time Date Matrix No. of Containers Sample ID		Lab Number	DRO/ORO by	GRO/DRO by	BTEX	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC	<u> </u>		Remarks	
02102123 5 1 Sus	1 - SUGF	I								X					
I C SW	2 - Surf	2								-					2
$\backslash$ Sw	3 - Sur-	3													
Sw	4 - 5007	Ч									¥				
Sw	5 - SUGF	5													
Sw	6 - Sur	6								_	[]				
Sw	7 - 50512	7								$\parallel$					
Sw	8 - 5066	8								{		_			
Sw	9 - SJGF	9										_			
02/04/23 5 1 540	10 - Subr	ID	-							1	<				
dditional Instructions:															
(field sampler), attest to the validity and authenticity of this san ste or time of collection is considered fraud and may be ground.		ling the samp	nle locat	tion,			A CONTRACTOR OF A CONTRACT OF	0			ve 0 but	less than	ceived on ice the da 6 <sup>e</sup> C on subsequent		pied of rec
Tuco Spis Date	Time Received by: (Signature)	Date	23		22		Rec	eivec	on ice	:	D/	Use Or N	ıly		
Helinquished by: (Signature) Date 23-23	Time Received by: (Signature)		23		7/5	5				<u> </u>	)		T3		
Relinquighed by: (Signature) Date Lowersphere 2-3-23	Time Received by: (Stendure)	Date 24			6:30		AV	G Ten	np °C	4.0	: " <del>1</del> 7				5
Sample Matrix: S Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - O	ther	Contair	ner Ty	pe:g	glass	s, p -	poly/	olastic	, ag - ar	nber g	glass,	V - VOA	roport for the -	mahusie of al	io ak-
Sample Matrix: Seson, So - Sond, Sg - Shudge, A - Aqueous, O - O Note: Samples are discarded 30 days after results are rep	orted unless other arrangements are made. Hazardou	s samples v	vill be r	etuine	eatoc	alent	OF OISP	IUSEO C	n at the	cuem (	shens	c. me	reportion me a	mary ara Ur tr	ic abuve

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock	Date Received:	02/04/23 00	6:30	Work Order ID: E302021
Phone:	(575) 390-6397	Date Logged In:	02/03/23 15	5:53	Logged In By: Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/07/23 1	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location mate	ch the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was t	he COC complete, i.e., signatures, dates/times, reques	ted analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project manager and time sampled not
Sample	Cooler				provided on COC by client.
7. Was a	sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample	temperature: <u>4°</u>	<u>C</u>		
Sample	Container	-			
	aqueous VOC samples present?		No		
15. Are	VOC samples collected in VOA Vials?		NA		
16. Is th	e 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	e appropriate volume/weight or number of sample contain	ers collected?	Yes		
Field La	abel				
20. Were	e field sample labels filled out with the minimum info	mation:			
	Sample ID?		Yes		
	Date/Time Collected? Collectors name?		Yes	L	
	Preservation		No		
-	s the COC or field labels indicate the samples were pro-	eserved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved m	etals?	No		
	nase Sample Matrix		1.0		
	s the sample have more than one phase, i.e., multiphas	e?	No		
	s, does the COC specify which phase(s) is to be analy		NA		
	tract Laboratory		11/1		
~ un voil		w9	No		
	samples required to get sent to a subcontract laborator				
28. Are	samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if			Subcontract Lab	: na

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



envirotech Inc.

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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,



Page 198 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

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Envirotech Web Address: www.envirotech-inc.com

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#### Sample Summary

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		Sumplesum	iiiai y		
Tap Rock		Project Name:	Jackson #16H		Reported:
7 W. Compress Road		Project Number:	20046-0001		Keporteu.
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.



		ampic D				
Tap Rock 7 W. Compress Road	Project Name: Project Numb		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag		ilie Gladden			2/7/2023 12:31:45PM
		P 46 - SURF				
		E302022-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	xg 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: BA		Batch: 2305073
Chloride	ND	20.0	1	02/04/23	02/04/23	

## Sample Data



	~••	impic D					
Tap Rock	Project Name:		son #16H 46-0001				
7 W. Compress Road Artesia NM, 88210	Project Numbe Project Manag		ilie Gladde	n			<b>Reported:</b> 2/7/2023 12:31:45PM
Antosia 1991, 66210	Tiojeet Wanag		life Gladde	11			2772023 12.31.13110
	S	P 47 - SURF					
	-	E302022-02					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	
p-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	



	~	ampic D				
Tap Rock	Project Name		son #16H			
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladden	1		2/7/2023 12:31:45PM
	S	SP 48 - SURF				
		E302022-03				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepa	red 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	02/06/23	
Surrogate: Toluene-d8		101 %	70-130	02/04	02/06/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	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	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	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	02/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2305073
Chloride	ND	20.0	1	02/04	/23 02/04/23	



	~•	impic D					
Tap Rock	Project Name:		son #16H				
7 W. Compress Road	Project Numbe		46-0001				Reported:
Artesia NM, 88210	Project Manag	er: Nata	lie Gladder	n			2/7/2023 12:31:45PM
	S	P 49 - SURF					
		E302022-04					
		Reporting					
Analyte	Result	Limit	Dilu	ition F	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2305070	
Benzene	ND	0.0250	1	1 0	2/04/23	02/06/23	
Ethylbenzene	ND	0.0250	1	1 0	2/04/23	02/06/23	
Toluene	ND	0.0250	1	1 0	2/04/23	02/06/23	
o-Xylene	ND	0.0250	1	1 0	2/04/23	02/06/23	
p,m-Xylene	ND	0.0500	1	1 0	2/04/23	02/06/23	
Total Xylenes	ND	0.0250	1	1 0	2/04/23	02/06/23	
Surrogate: Bromofluorobenzene		93.8 %	70-130	0	02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	0	02/04/23	02/06/23	
Surrogate: Toluene-d8		101 %	70-130	0	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	1 0	2/04/23	02/06/23	
Surrogate: Bromofluorobenzene		93.8 %	70-130	0	02/04/23	02/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	0	2/04/23	02/06/23	
Surrogate: Toluene-d8		101 %	70-130	0	02/04/23	02/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS	5		Batch: 2306002
Diesel Range Organics (C10-C28)	80.6	25.0	1	1 0	2/06/23	02/07/23	
Dil Range Organics (C28-C36)	ND	50.0	1	1 0	2/06/23	02/07/23	
Surrogate: n-Nonane		99.4 %	50-200	0	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	1 0	2/04/23	02/04/23	



	5	ample D	ata						
Tap Rock 7 W. Compress Road	Project Name Project Numb		son #16H 46-0001				Reported:		
Artesia NM, 88210	Project Manag		lie Gladde	n			2/7/2023 12:31:45PM		
	S	P 50 - SURF							
		E302022-05							
		Reporting							
Analyte	Result	Limit	Dil	ution	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			
p-Xylene	ND	0.0250		1	02/04/23	02/06/23			
o,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

		$\mathbf{x} \mathbf{v} \mathbf{v}$		ing Dutu					
Tap Rock		Project Name:		ckson #16H					Reported:
7 W. Compress Road		Project Number:	20	046-0001					
Artesia NM, 88210		Project Manager:	Na	atalie Gladden				:	2/7/2023 12:31:45PM
	V	olatile Organic	Compou	unds by EPA	A 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305070-BLK1)						I	Prepared: 0	2/04/23 An	alyzed: 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)						I	Prepared: 02	2/04/23 An	alyzed: 02/04/23
Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Foluene	2.61	0.0250	2.50		104	70-130			
p-Xylene	2.68	0.0250	2.50		107	70-130			
o,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)						I	Prepared: 02	2/04/23 An	alyzed: 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	
o,m-Xylene	5.03	0.0500	5.00		101	70-130	1.95	27	
	7.66	0.0250	7.50		102	70-130	2.06	27	
Total Xylenes	,								
	0.467		0.500		93.3	70-130			
Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4			0.500 0.500		93.3 96.4	70-130 70-130			

## **QC Summary Data**

		QU N	ummu	i j Dau					
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	ckson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager	:: N	atalie Gladder	1				2/7/2023 12:31:45PM
	Noi	nhalogenated (	Organics	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2305070-BLK1)							Prepared: 0	2/04/23 A	nalyzed: 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: 0	2/04/23 A	nalyzed: 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: 0	2/04/23 A	nalyzed: 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**

		QC D	u I I I I I I	ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:		Jackson #16H 20046-0001 Natalie Gladden					<b>Reported:</b> 2/7/2023 12:31:45PM
	Nonh	alogenated Org	anics by	y 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	2/06/23 A	Analyzed: 02/06/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	56.1		50.0		112	50-200			
LCS (2306002-BS1)							Prepared: 02	2/06/23 A	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: E	302021-	10	Prepared: 02	2/06/23 A	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: E	302021-	10	Prepared: 02	2/06/23 A	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**

		$\mathbf{x} \in \mathbf{z}$							
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16H 20046-0001 Natalie Gladder	1				<b>Reported:</b> 2/7/2023 12:31:45PM
		Anions	by EPA	300.0/90564	4				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: 0	2/04/23	Analyzed: 02/04/23
Chloride LCS (2305073-BS1)	ND	20.0					Prepared: 0	2/04/23	Analyzed: 02/04/23
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2305073-MS1)				Source:	E302019-	01	Prepared: 0	2/04/23	Analyzed: 02/04/23
Chloride	270	20.0	250	27.7	96.9	80-120			
Matrix Spike Dup (2305073-MSD1)				Source:	E302019-	01	Prepared: 0	2/04/23	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.



Γ	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

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 Information

Chain of Custody

Page \_ L of \_ I ed by

Client: TC.PROCU	Bill To			La	ib Us	se Onl	/	Τ			TAT		EPA P	rogram
Project: Jacuson HIGH Project Manager: Address:	Attention: ESS   Address: 2724 NW COUNTY ROAD   City, State, Zip HOBBS, NM 88240		E302022			2004	umber <b>[U-000]</b> is and Meth	-	D 2	D X	3D .	Standard	CWA	SDWA RCRA
ity, State, Zip hone: mail: Report due by:	Phone: 575-393-9048 EMAIL TO: Natalie@energystaffingllc.com Dakoatah@energystaffingllc.com	(O by 8015	(O by 8015	8021						TX		NM CO	State	
Time Date Matrix No. of Sample ID	Lab Numbe	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
02102120 5 1 5P	46-506F 1		<u> </u>					>	×					
1 1 58	47-506F 2							1						1
SP SP	48 - SUGF 3													
1 1 1 SP	49-5000 4 50-5067 5			-										
02/02/23 S l 5P	50 - SUGE 5				<u> </u>				X					
				<u> </u>										
		-			-									
			-											
Additional Instructions:							ll_				. <u>1</u>			
(field sampler), attest to the validity and authenticity of this sam ate or time of collection is considered fraud and may be grounds	ple. I am aware that tampering with or intentionally mislabelling the san for legal action. Sampled by: Jun Salis	nple loca	ition,			1.000						ived on ice the da <sup>9</sup> C on subsequent o		pled or recei
Juen Solis 02/02/23	Time Received by: (Signatore) Date	-23	Tim	22		Rec	eived on ic	e:	C	b U / r	lse Onl V	У	8	
Relinquished by: (Signature) Date	Time Received by: (Signature) Date		Tim			<u></u>						<u>T3</u>		
Lareng Leis 2-3-23 Sample Matrix: S oil, Sd · Solid, Sg · Sludge, A · Aqueous, O · Ot	2315 Jun Zbi 214			- glas:		AVC	a Temp <sup>o</sup> C_ lastic, ag - a	4.0	r glas	s, v	- VOA			
Note: Samples are discarded 30 days after results are repo	t orted unless other arrangements are made. Hazardous samples re laboratory with this COC. The liability of the laboratory is limite	will be i	return	ed to d	client	or disp	osed of at the					eport for the a	nalysis of th	ie above
	Page 15 of 16					0-						ro		~

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock	Date Received:	02/04/23 06	5:30	Work Order ID: E302022
Phone:	(575) 390-6397	Date Logged In:	02/03/23 15	5:55	Logged In By: Caitlin Christian
Email:		Due Date:	02/07/23 17	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was the	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.		Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project manager and time sampled not
Sample	Cooler				provided on COC by client.
7. Was a	sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample te	mperature: 4°	C		
		mperatare. <u>-</u>	<u> </u>		
	Container	inperatare. <u>1</u>	<u>c</u>		
<u>Sample</u>	Container aqueous VOC samples present?	<u> </u>	<u>C</u> No		
<u>Sample</u> 14. Are :		<u> </u>			
<u>Sample</u> 14. Are 15. Are	aqueous VOC samples present?		No		
Sample 14. Are : 15. Are <sup>-</sup> 16. Is the	aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA		
Sample 14. Are : 15. Are <sup>2</sup> 16. Is the 17. Was	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		No NA NA		
Sample 14. Are : 15. Are 1 16. Is the 17. Was 18. Are 1	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		No NA NA NA		
Sample 14. Are : 15. Are 1 16. Is the 17. Was 18. Are 1	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container		No NA NA NA Yes		
Sample 14. Are : 15. Are 1 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform	rs collected?	No NA NA Yes Yes		
Sample 14. Are a 15. Are 16. Is the 17. Was 18. Are 19. Is the Field La 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID?	rs collected?	No NA NA Yes Yes		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?	rs collected?	No NA NA Yes Yes Yes Yes		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container the before the sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	rs collected?	No NA NA Yes Yes		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were Sample	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	rs collected?	No NA NA Yes Yes Yes No		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were Sample 21. Does	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were pres	rs collected?	No NA NA Yes Yes Yes Yes		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field Ls 20. Were 20. Were 21. Does 22. Are :	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	rs collected? nation: served?	No NA NA Yes Yes Yes No		
Sample 14. Are 1 15. Are 1 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 1 24. Is lal	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meteopole.	rs collected? nation: served?	No NA NA Yes Yes Yes No No		
Sample 14. Are 1 15. Are 1 15. Are 1 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 1 24. Is lai Multiph	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were presses sample(s) correctly preserved? o filteration required and/or requested for dissolved metanges tables Sample Matrix	rs collected? nation: served? tals?	No NA NA Yes Yes Yes No No NA No		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were 20. Were 21. Does 22. Are : 24. Is lait Multiph 26. Does	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were prese sample(s) correctly preserved? o filteration required and/or requested for dissolved meteopole.	rs collected? nation: served? tals? ?	No NA NA Yes Yes Yes No No		
Sample 14. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field Ls 20. Were 20. Were 21. Does 22. Are : 24. Is lal Multiph 26. Does 27. If ye	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container the e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation a the COC or field labels indicate the samples were prese sample(s) correctly preserved? to filteration required and/or requested for dissolved meta tase Sample Matrix s the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyzed	rs collected? nation: served? tals? ?	No NA NA Yes Yes Yes No No NA No		
Sample 14. Are : 15. Are : 15. Are : 16. Is the 17. Was 18. Are : 19. Is the Field La 20. Were 20. Were 21. Does 22. Are : 24. Is lat Multiph 26. Does 27. If ye	aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container thel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation s the COC or field labels indicate the samples were preses sample(s) correctly preserved? o filteration required and/or requested for dissolved met mase Sample Matrix is the sample have more than one phase, i.e., multiphase	rs collected? nation: werved? tals? ? ed?	No NA NA Yes Yes Yes No No NA No		

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



envirotech Inc.

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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,



Page 214 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Ser

**Released to Imaging: 6/13/2024 3:20:26 PM** 

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

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

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#### Sample Summary

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		Sumple Sum	inal y		
Tap Rock		Project Name:	Jackson #16H		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reporteu.
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.


	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 2/8/2023 2:47:38PM
		E302029-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
Foluene	ND	0.0250	1	02/07/23	02/07/23	
p-Xylene	ND	0.0250	1	02/07/23	02/07/23	
o,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Fotal 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	Analy	/st: 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	Analy	vst: RAS		Batch: 2306023
Diesel Range Organics (C10-C28)	28.9	25.0	1	02/07/23	02/07/23	
Dil 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	Analy	vst: BA		Batch: 2306031
Chloride	ND	20.0	1	02/07/23	02/07/23	

## Sample Data



	5a	mpic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 2004	son #16H 46-0001 Ilie Gladden		<b>Reported:</b> 2/8/2023 2:47:38PM	
	SV	V 12 - SURI	7			
	]	E302029-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Foluene	ND	0.0250	1	02/07/23	02/07/23	
p-Xylene	ND	0.0250	1	02/07/23	02/07/23	
o,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Fotal Xylenes	ND	0.0250	1	02/07/23	02/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2306019
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2306023
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/08/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/08/23	
Surrogate: n-Nonane		108 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2306031
Chloride	200	20.0	1	02/07/23	02/07/23	

	56	impic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 2/8/2023 2:47:38PM
	SV	W 13 - SURI	7			
	-	E302029-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		102 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2306019
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		107 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2306031
Chloride	ND	20.0	1	02/07/23	02/08/23	

		ample D	ata			
Tap Rock	Project Name:	Jack	son #16H			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden	2/8/2023 2:47:38PM		
	S	W 14 - SURI	7			
		E302029-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	02/07/23	02/07/23	
o,m-Xylene	ND	0.0500	1	02/07/23	02/07/23	
Fotal Xylenes	ND	0.0250	1	02/07/23	02/07/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2306019
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		107 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2306031
Chloride	41.5	20.0	1	02/07/23	02/08/23	



	50	ampie D	ala			
Tap Rock	Project Name:		son #16H			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden	2/8/2023 2:47:38PM		
	S	W 15 - SURI	<u>.</u>			
		E302029-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	02/07/23	02/07/23	
o,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		103 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2306019
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	02/07/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		108 %	50-200	02/07/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2306031
Chloride	805	20.0	1	02/07/23	02/08/23	



		ample D	ata				
Tap Rock	Project Name:	Jack	son #16H				
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:	
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden		2/8/2023 2:47:38PM		
	SV	W 16 - SURI	7				
		E302029-06					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		
p-Xylene	ND	0.0250	1	02/07/23	02/07/23		
o,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		104 %	70-130	02/07/23	02/07/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2306019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/23	02/07/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	02/07/23	02/07/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		
Surrogate: n-Nonane		111 %	50-200	02/07/23	02/08/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2306031	
Chloride	31.7	20.0	1	02/07/23	02/08/23		



## **QC Summary Data**

		QC D	umme	ily Date	4					
Tap Rock 7 W. Compress Road		Project Name: Project Number:		uckson #16H 0046-0001					Reported:	
Artesia NM, 88210		Project Manager:	Project Manager: Natali					2/8/2023 2:47:		
		Volatile O	rganics l			Analyst: SL				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2306019-BLK1)							Prepared: 0	2/07/23 A	nalyzed: 02/07/23	
Benzene	ND	0.0250							· ·	
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	8.43	010220	8.00		105	70-130				
LCS (2306019-BS1)							Prepared: 0	2/07/23 A	nalyzed: 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-	01	Prepared: 0	2/07/23 A	nalyzed: 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				
p-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-	01	Prepared: 0	2/07/23 A	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		
		0.0250	5.00	ND	115	63-131	16.6	20		
p-Xylene	5.76	0.0250	5.00	T(D)	115					
	5.76 11.4	0.0250	10.0	ND	113	63-131	17.0	20		
p-Xylene							17.0 16.8	20 20		



## **QC Summary Data**

		QU D	ummu	ii y Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	20	ckson #16H 0046-0001 atalie Gladden					<b>Reported:</b> 2/8/2023 2:47:38PM
	No	nhalogenated (		by EPA 801	5D - Gl	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2306019-BLK1)							Prepared: 0	2/07/23 A	nalyzed: 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: 0	2/07/23 A	nalyzed: 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: <b>F</b>	2302029-	01	Prepared: 0	2/07/23 A	nalyzed: 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: F	302029-	01	Prepared: 0	2/07/23 A	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**

		QU DI	u	ii y Data	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		uckson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	atalie Gladden					2/8/2023 2:47:38PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2306023-BLK1)							Prepared: 0	2/07/23 A	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: 0	2/07/23 A	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: I	E <b>302028</b> -	05	Prepared: 0	2/07/23 A	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: I	E <b>302028</b> -	05	Prepared: 0	2/07/23 A	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**

		$\mathbf{x} \in \mathbf{v}$	••••••						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16H 0046-0001 Jatalie Gladder	1				<b>Reported:</b> 2/8/2023 2:47:38PM
		Anions	by EPA	300.0/90564	۱				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 (2306031-BLK1)							Prepared: 0	2/07/23	Analyzed: 02/07/23
Chloride LCS (2306031-BS1)	ND	20.0					Prepared: 0	2/07/23	Analyzed: 02/07/23
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2306031-MS1)				Source:	E302028-	01	Prepared: 0	2/07/23	Analyzed: 02/07/23
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2306031-MSD1)				Source:	E302028-	01	Prepared: 0	2/07/23	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.



ſ	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.



oject Inf	ormatior	ו					Chain of	Custody											11	Page	of
		~ 生(	64			Bill To <u>Attention:</u> ESS <u>Address:</u> 2724 NW COUNTY ROAD City, State, Zip HOBBS, NM 88240				Lab Use Only Lab WO# Job Number E 302029 2004(o-1) Analysis and					-0001		2D	TAT 3D S	Standard	EPA P CWA	rogram SDWA RCRA
ty; State none: nail: eport du				· .		Phone: 575-393-9048 EMAIL TO: Natalie@ener Dakoatah@energystaffin	gystaffingllc.	<u>com</u>	DRO/ORO by 8015	GRO/DRO by 8015	y 8021		Í	Chloride 300.0		WN	ΙX			State UT AZ	[
Time Sampled	Date Sampled	Matrix	No. of Container	Sample ID				Lab Number	DRO/O	GRO/D	BTEX by 8021	VOC by 8260	Metals 6010	Chlorid		BGDOC	BGDOC			Remarks	
	32/03/23	S	[	5w	11	- 5067		1								X					
	1			5ω	12	- 506F		2								1					
				$5\omega$	13	- SUAF		3													
				500	14	- 50 <i>6</i> 2		4													
	7			Sw	15.	- 5J6A		5								1					
	52/03/23	5	1	56	16	- 506A - 506F		4								X					
								i												*****	
						"		L													
(field samp		o the validity		•		aware that tampering with or inten	tionally mislabellin	g the sample	e locati	on,			1 .	-	-				ed on ice the day		led or receiv
elinquish	ed by: (Sign	ature) NLS	D	nd may be grounds late T 2.103/2.3	ime	Received by: (Signature	Centos	Date 2-6			DJ		Rece	eived	on ice:		ab Uso D/N	e Only			
Mid	ed by: (Sign	Unxel	la e	2-6-23	ime 161		Pen	Date 2-6-7	23		<u>הרי</u>		T1_			<u>T2</u>			<u>T3</u>		
$\mathcal{P}$	ed by: (Sign	Les -			ime Z307	Received by: (Signature	hte	Date 2/7/2	23	8	:/5	•	AVG	6 Tem	p°C	1					
	ples are dis	carded 30 c	lays afte		rted unle	ess other arrangements are made		-	l be re	turne	ed to cl	ient o	oly/p	lastic, osed of	ag - aml at the cli				ort for the ar	nalysis of the	above

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	te Received:	02/07/23 0	8:15	Work Order ID: E302029
Phone:	(575) 390-6397 Da	te Logged In:	02/06/23 1	4:06	Logged In By: Caitlin Christian
Email:	natalie@energystaffingllc.com Du	ie Date:	02/08/23 1	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>
4. Was t	he COC complete, i.e., signatures, dates/times, requested	analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project manager and time sampled not
Sample	Cooler				provided on COC by client.
7. Was a	a sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample ten	nperature: 4°	С		
Sample	Container	-			
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
16. Is th	e 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	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	abel				
20. Were	e field sample labels filled out with the minimum information	ation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
	<u>Preservation</u> s the COC or field labels indicate the samples were prese	rved?	No		
-	sample(s) correctly preserved?	u.	NA		
21. Does	sumplets concerns preserved:	ls?	No		
21. Doe: 22. Are	b filteration required and/or requested for dissolved meta		1.0		
21. Does 22. Are 24. Is lai	b filteration required and/or requested for dissolved meta				
<ol> <li>21. Does</li> <li>22. Are</li> <li>24. Is lai</li> <li>Multiph</li> </ol>	ase Sample Matrix		No		
<ol> <li>21. Does</li> <li>22. Are</li> <li>24. Is lai</li> <li>Multiph</li> <li>26. Does</li> </ol>	nase Sample Matrix	1?	No NA		
<ol> <li>21. Does</li> <li>22. Are</li> <li>24. Is lat</li> <li><u>Multiph</u></li> <li>26. Does</li> <li>27. If yes</li> </ol>	nase Sample Matrix_ s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed	1?	No NA		
<ul> <li>21. Does</li> <li>22. Are</li> <li>24. Is lai</li> <li>Multiph</li> <li>26. Does</li> <li>27. If ye</li> <li>Subcont</li> </ul>	nase Sample Matrix s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed tract Laboratory	1?	NA		
<ul> <li>21. Does</li> <li>22. Are</li> <li>24. Is lai</li> <li>Multiph</li> <li>26. Does</li> <li>27. If ye</li> <li>Subcont</li> <li>28. Are</li> </ul>	nase Sample Matrix_ s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyzed		NA	Subcontract Lab	r na

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



•







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: E302037

Job Number: 20046-0001

Received: 2/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/9/23

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: 2/9/23

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,



Page 231 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

Envirotech Web Address: www.envirotech-inc.com

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## Sample Summary

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		Sample Sum	mai y		
Tap Rock		Project Name:	Jackson #16H		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reporteu:
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.



	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name:Jackson #16HProject Number:20046-0001Project Manager:Natalie Gladden		46-0001			<b>Reported:</b> 2/9/2023 2:44:20PM
		SP 1-14'				
		E302037-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	02/08/23	02/08/23	
o,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Fotal Xylenes	ND	0.0250	1	02/08/23	02/08/23	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2306039
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		78.6 %	50-200	02/08/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2306047
Chloride	264	20.0	1	02/08/23	02/08/23	

## Sample Data

	5		ala					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Number: 20046-00		son #16H 46-0001 1lie Gladden	5-0001				
		SP 2-18'						
		E302037-02						
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys		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			
p-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			
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	02/08/23	02/08/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2306039		
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23			
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	02/08/23	02/08/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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			
Surrogate: n-Nonane		80.8 %	50-200	02/08/23	02/08/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2306047		
Chloride	49.0	20.0	1	02/08/23	02/08/23			



## Sample Data

	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Number: Project Manager:		son #16H 46-0001 alie Gladden	<b>Reported:</b> 2/9/2023 2:44:20PM		
	i roject trana,	SP 3-14'				
		E302037-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys		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	
o,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
urrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: RAS		Batch: 2306044
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/23	02/08/23	
Dil Range Organics (C28-C36)	ND	50.0	1	02/08/23	02/08/23	
Gurrogate: n-Nonane		81.9 %	50-200	02/08/23	02/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2306047
Chloride	46.9	20.0	1	02/08/23	02/08/23	



## **QC Summary Data**

		QC D	umme	ily Date	4				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ackson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					2/9/2023 2:44:20PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2306039-BLK1)							Prepared: 0	2/08/23 A	nalyzed: 02/08/23
Benzene	ND	0.0250							· ·
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.45	010220	8.00		106	70-130			
LCS (2306039-BS1)							Prepared: 0	2/08/23 A	nalyzed: 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-	02	Prepared: 0	2/08/23 A	nalyzed: 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			
p-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-	02	Prepared: 0	2/08/23 A	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	
			5.00	ND	99.1	63-131	5.12	20	
p-Xylene	4.95	0.0250	5.00	ND	<b>77.1</b>	00 101			
	4.95 9.80	0.0250 0.0500	10.0	ND	98.0	63-131	4.97	20	
p-Xylene									



## **QC Summary Data**

		QU D	u111110	ii y Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ckson #16H 046-0001 atalie Gladden					<b>Reported:</b> 2/9/2023 2:44:20PM
	Noi	nhalogenated C	Organics	by EPA 801	5D - Gl	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits %	RPD %	RPD Limit %	N
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	Notes
Blank (2306039-BLK1)							Prepared: 0	2/08/23 A	nalyzed: 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: 0	2/08/23 A	nalyzed: 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: I	E302036-	02	Prepared: 0	2/08/23 A	nalyzed: 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: I	2302036-	02	Prepared: 0	2/08/23 A	nalyzed: 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						



## **QC Summary Data**

		QC D		ii y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson #16H 0046-0001 atalie Gladden					<b>Reported:</b> 2/9/2023 2:44:20PM
	Nonh	alogenated Orga	anics 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: 0	2/08/23 A	Analyzed: 02/08/23
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	46.9		50.0		93.8	50-200			
LCS (2306044-BS1)							Prepared: 0	2/08/23 A	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: I	E302038-	05	Prepared: 0	2/08/23 A	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: I	2302038-	05	Prepared: 0	2/08/23 A	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 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16H 20046-0001 Natalie Gladder	L				<b>Reported:</b> 2/9/2023 2:44:20PM
		Anions	by EPA	300.0/9056A	<b>\</b>				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 (2306047-BLK1)							Prepared: 02	2/08/23 A	Analyzed: 02/08/23
Chloride LCS (2306047-BS1)	ND	20.0					Prepared: 02	2/08/23 A	Analyzed: 02/08/23
Chloride	244	20.0	250		97.5	90-110			
Matrix Spike (2306047-MS1)				Source:	E302035-2	21	Prepared: 02	2/08/23 A	Analyzed: 02/08/23
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2306047-MSD1)				Source:	E302035-2	21	Prepared: 02	2/08/23 A	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.



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

- 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 roject Information

roject In	formation							Chai	n of Custoc	lγ											Page I	of I
Client: <b>JCPROCH</b> Project: <b>JachSon #16H</b> Project Manager: Address:					Bill To         Attention:       ESS         Address:       2724 NW COUNTY ROAD         City, State, Zip       HOBBS, NM 88240					Lab Use Only Lab WO# Job Number E 302037 Analysis and			-0001	1D 2D 3D		TA 3D	T Standard		SDWA			
Lity, Stat Phone: Email: Report d				5 5			Natalie@	048 Penergystaffin taffingllc.com		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	6010	Chloride 300.0		C NM	ТX			State	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Numbe	L DRO/C	GRO/D	BTEX b	VOC b	Metals	Chlorid		BGDOC	BGDOC			Remarks	5
	02106/23	5	1	SP		14'				-							X					
	02104123	5	l	SP					2								X					
	02/06/23	S	1	SP	3-	14'			3								X					
										8												
														-								
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	nal Instruc		and authen	ticity of this sa	mnle Lam	aware that tamp	erine with o	r intentionally misla	abelling the san	nle loca	tion.			Sampl	es requi	ring therma	l preserv	ation mu	st be rec	eived on ice the	say they are sam	pled or received
date or time	e of collection	is considere	ed fraud and	may be groun	ds for legal	action.	Sample	ed by: Juch	501:5		Ir:			packe	d in ice a	at an avg tei				°C on subsequer	t days.	
Juen	ned by: (Signa Sol:		Date OZ	106123	Time	Mic	ed by: (Sigr	Cup	2-7	- 23		44		Rec	eivec	on ice:	r	V/N	se On I	iy		
Relinquish	ied by: (Sign	ture)		-7-23	ITIME 175		ed by: (Sigi	rature fry	Date	-23	Time	5	3	T1			<u>T2</u>			<u>T3</u>		
Relinquish	ned by: (Signa	aturn -	Dat		Time 234	Receiv	ed by: (Sig	ALT.	Date	23	Time	7:00	ŀ	AVO	G Ten	np °C	0					
	trix: Soil, Soil, So		- Sludge, A -	Aqueous, O - 0	Other			000.	Contai	ner Ty	be:g-	glass	, p - I	poly/p	lastic	, ag - am	ber gl				analysis of th	
								re made. Hazarc bility of the labor								t.						
			Ho. C. Participation					Pag	ge 13 of 14	_			1	-			n			ro	+ 0	C

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	te Received:	02/08/23 07	/:00		Work Order ID:	E302037
Phone:	(575) 390-6397 Da	te Logged In:	02/07/23 18	3:46		Logged In By:	Alexa Michaels
Email:		ie Date:	02/09/23 17	7:00 (1 day TAT)			
<u>Chain o</u> :	f Custody (COC)						
	the sample ID match the COC?		Yes				
2. Does f	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	ourier		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	analyses?	No				
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes			Commen	ts/Resolution
<u>Sample '</u>	<u>Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project n	nanager and tir	ne sampled were
Sample	<u>Cooler</u>				not provi	ided on the CC	C per client.
	sample cooler received?		Yes				
8. If yes,	, was cooler received in good condition?		Yes				
9. Was tł	he sample(s) received intact, i.e., not broken?		Yes				
10. Were	e custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling	·	Yes				
13. If no	visible ice, record the temperature. Actual sample ten	nperature: <u>4°</u>	<u>C</u>				
Sample	<u>Container</u>						
14. Are a	aqueous VOC samples present?		No				
15. Are V	VOC samples collected in VOA Vials?		NA				
16. Is the	e 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 1	non-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes				
<u>Field La</u>							
	e field sample labels filled out with the minimum information information in the second	ation:	V				
	Sample ID? Date/Time Collected?		Yes Yes				
	Collectors name?		Yes Yes				
	Preservation		2.00				
	the COC or field labels indicate the samples were prese	rved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lat	o filteration required and/or requested for dissolved meta	ls?	No				
<u>Multiph</u>	ase Sample Matrix						
26. Does	s the sample have more than one phase, i.e., multiphase?		No				
27. If ye	s, does the COC specify which phase(s) is to be analyzed	1?	NA				
<u>Subcont</u>	ract Laboratory						
	samples required to get sent to a subcontract laboratory?		No				
	a subcontract laboratory specified by the client and if so	who?		Subcontract Lab	• NI A		
29. Was	a subcontract laboratory specified by the chefit and it so	who:	11/1	Subcontract Lan	. IN/A		

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



envirotech Inc.

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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: Jac

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,



Page 245 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

**Released to Imaging: 6/13/2024 3:20:26 PM** 

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

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

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#### **Sample Summary**

		Sample Sum	mary		
Tap Rock		Project Name:	Jackson 16H		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reported.
Artesia NM, 88210		Project Manager:	Natalie Gladden		04/26/23 14:53
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P 8 - 4'	E304174-01A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 9 - 4'	E304174-02A	Soil	04/21/23	04/25/23	Glass Jar, 4 oz.
P 12 - 4'	E304174-03A	Soil	04/21/23	04/25/23	Glass Jar, 4 oz.
P 13 - 4'	E304174-04A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 14 - 4'	E304174-05A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 15 - 4'	E304174-06A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 16 - 4'	E304174-07A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 17 - 4'	E304174-08A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 18 - 4'	E304174-09A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.
P 19 - 4'	E304174-10A	Soil	04/21/23	04/25/23	Glass Jar, 2 oz.



	D	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	son 16H 46-0001 Ilie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM
		SP 8 - 4'				
		E304174-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
p-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		92.6 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	50-200	04/25/23	04/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	

## Sample Data

## Sample Data

	5	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	son 16H 46-0001 ilie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM
		SP 9 - 4'				
		E304174-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Total Xylenes	ND	0.0250	1	04/25/23	04/25/23	
urrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23	
urrogate: n-Nonane		95.3 %	50-200	04/25/23	04/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	



## Sample Data

	3	ample D	ลเล				
Tap Rock 7 W. Compress Road	Project Name Project Numb		son 16H 46-0001			Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			4/26/2023 2:53:13PM	
		SP 12 - 4'					
		E304174-03					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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		
-Xylene	ND	0.0250	1	04/25/23	04/25/23		
o,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		92.3 %	70-130	04/25/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	04/25/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23		
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23		
Surrogate: n-Nonane		92.9 %	50-200	04/25/23	04/25/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2317027	
Chloride	ND	20.0	1	04/25/23	04/25/23		



## Sample Data

	5	ampie D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16H 46-0001 Ilie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM
		SP 13 - 4'				
		E304174-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	04/25/23	04/25/23	
o,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Fotal Xylenes	ND	0.0250	1	04/25/23	04/25/23	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/25/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/25/23	
Surrogate: n-Nonane		94.5 %	50-200	04/25/23	04/25/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	



## Sample Data

	0	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son 16H 46-0001 Ilie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM
		SP 14 - 4'				
		E304174-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	04/25/23	04/25/23	
o,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Fotal Xylenes	ND	0.0250	1	04/25/23	04/25/23	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
Surrogate: n-Nonane		97.9 %	50-200	04/25/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	


	5	ampic D	uta			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son 16H 46-0001 Ilie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM
		SP 15 - 4'				
		E304174-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	04/25/23	04/25/23	
o,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		93.1 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
Surrogate: n-Nonane		97.5 %	50-200	04/25/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2317027
Chloride	30.4	20.0	1	04/25/23	04/25/23	



## Sample Data

	3	ample D	ลเล			
Tap Rock	Project Name		son 16H			
7 W. Compress Road	Project Numb		46-0001			<b>Reported:</b> 4/26/2023 2:53:13PM
Artesia NM, 88210	Project Mana	iger: Nata	alie Gladden			
		SP 16 - 4'				
		E304174-07				
		Reporting				
Analyte	Result	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	
Foluene	ND	0.0250	1	04/25/23	04/25/23	
p-Xylene	ND	0.0250	1	04/25/23	04/25/23	
o,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Fotal 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	Ana	lyst: 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	Ana	lyst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Dil 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	Ana	lyst: RAS		Batch: 2317027
Chloride	218	20.0	1	04/25/23	04/25/23	



## Sample Data

	3	ample D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16H 46-0001 Ilie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM
		SP 17 - 4'				
		E304174-08				
		Reporting				
Analyte	Result	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	
-Xylene	ND	0.0250	1	04/25/23	04/25/23	
o,m-Xylene	ND	0.0500	1	04/25/23	04/25/23	
Fotal Xylenes	ND	0.0250	1	04/25/23	04/25/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Dil 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	Analys	t: RAS		Batch: 2317027
Chloride	ND	20.0	1	04/25/23	04/25/23	



	3	ample D	ลเล			
Tap Rock	Project Name		son 16H			
7 W. Compress Road	Project Numb		46-0001		Reported:	
Artesia NM, 88210	Project Mana	ger: Nata	alie Gladden			4/26/2023 2:53:13PM
		SP 18 - 4'				
		E304174-09				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	04/25/23	04/25/23	
o,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		94.2 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2317015
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	04/25/23	04/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2317017
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23	
Surrogate: n-Nonane		90.0 %	50-200	04/25/23	04/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2317027
Chloride	25.4	20.0	1	04/25/23	04/25/23	



## Sample Data

	5	ampie D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	son 16H 46-0001 alie Gladden			<b>Reported:</b> 4/26/2023 2:53:13PM	
		SP 19 - 4'					
		E304174-10					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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		
p-Xylene	ND	0.0250	1	04/25/23	04/25/23		
o,m-Xylene	ND	0.0500	1	04/25/23	04/25/23		
Fotal Xylenes	ND	0.0250	1	04/25/23	04/25/23		
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	04/25/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2317015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/25/23	04/25/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	04/25/23	04/25/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2317017	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/25/23	04/26/23		
Dil Range Organics (C28-C36)	ND	50.0	1	04/25/23	04/26/23		
Surrogate: n-Nonane		94.1 %	50-200	04/25/23	04/26/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2317027	
Chloride	26.9	20.0	1	04/25/23	04/25/23		



# **QC Summary Data**

		QU DI		ing Duc					
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ackson 16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:		atalie Gladder	1				4/26/2023 2:53:13PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: IY
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result mg/kg	Limit mg/kg	Level mg/kg	Result mg/kg	Rec %	Limits %	RPD %	Limit %	Notes
Blank (2317015-BLK1)							Proporad: 0	1/25/22 1	nalyzed: 04/25/23
							Prepared: 0	4/23/23 P	maryzeu: 04/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND ND	0.0500							
Total Xylenes		0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			
LCS (2317015-BS1)							Prepared: 0	4/25/23 A	nalyzed: 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: 0	4/25/23 A	nalyzed: 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: 0	4/25/23 A	nalyzed: 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**

		QC D	umm	il y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	20	ackson 16H 0046-0001 atalie Gladden					<b>Reported:</b> 4/26/2023 2:53:13PM
	Noi	nhalogenated (	Organics	by EPA 801	5D - Gl	RO			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
	6 6	6 6	6 6	6 6	,,,	,,,		,,,	1.0005
Blank (2317015-BLK1)							Prepared: 0	4/25/23 A	nalyzed: 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: 0	4/25/23 Ai	nalyzed: 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: I	2304174-	02	Prepared: 0	4/25/23 A	nalyzed: 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: <b>H</b>	E <b>304174</b> -	02	Prepared: 0	4/25/23 A	nalyzed: 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**

		QC D		ing Data	L				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	ackson 16H 0046-0001					<b>Reported:</b> 4/26/2023 2:53:13PM
Artesia NM, 88210		Project Manager:	N	atalie Gladden					4/20/2023 2:53:13PM
	Nonha	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317017-BLK1)							Prepared: 0	4/25/23 A	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: 0	4/25/23 A	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: <b>F</b>	E <b>304174</b> -	10	Prepared: 0	4/25/23 A	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: <b>F</b>	E <b>304174</b> -	10	Prepared: 0	4/25/23 A	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**

		$\mathbf{x} \in \mathbf{z}$							
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	20	ackson 16H 0046-0001 atalie Gladder	n				<b>Reported:</b> 4/26/2023 2:53:13P
		Anions	by EPA 3	300.0/9056	4				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 (2317027-BLK1)							Prepared: 0	4/25/23	Analyzed: 04/25/23
Chloride LCS (2317027-BS1)	ND	20.0					Prepared: 0	4/25/23	Analyzed: 04/25/23
Chloride	242	20.0	250	<i>c</i>	96.9	90-110	<b>D</b> 1.0	1/25/22	
Matrix Spike (2317027-MS1)				Source:	E304111-0	1	Prepared: 0	4/25/23	Analyzed: 04/25/23
Chloride	242	20.0	250	ND	96.6	80-120			
Matrix Spike Dup (2317027-MSD1)				Source:	E304111-0	1	Prepared: 0	4/25/23	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.



ſ	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 of /
Project Information Chain of Custody	Page / of /
vi Project Information   Chain of Custody	
Bill To Lab Use Only	TAT EPA Program
Project: OACKSON 16 H Project Manager: Natalie Gladden Attention: ESS Address: 2724 NW COUNTY ROAD E 304174 20046	mber 1D 2D 3D Standard CWA SDWA
Address: City, State, Zip HOBBS, NM 88240 Analysis an	and Method RCRA
Client:     TAPROCK       Bill To       Project:     Dackson/16.4       Project:     Dackson/16.4       Project:     Dackson/16.4       Project:     Dackson/16.4       Address:     2724 NW COUNTY ROAD       City, State, Zip     HOBBS, NM 88240       Phone:     EMAIL TO: Natalie@energystaffingllc.com       Bakoatah@energystaffinglkc.com     To       Bakoatah@energystaffinglkc.com     To	State
Phone:   Email:   Dakoatah@energystaffinglic.com   51 08 /g 08 /	
Email:   Report due by:   Dakoatah@energystaffingllc.com   No. of Containers   No. of Sampled   No. of Sample   No. of Sample   Sample ID	Remarks
Sampled Sampled Containers Sample ID (Nutricider) C Sample ID	
4/2/23 SI SP 8-4-	
(7 / SP 9-4- 2	
SP 12-4- 3	
5013-4- 4	
5P14-4-	
SP 15-4-	
SP 14-4- SP 15-4- SP 16-4- 7	
SP18-4- 9	
1 SP19-4- 10	
Additional Instructions.	L C C C C C C C C C C C C C C C C C C C
, med samplet, attest to the variative of the samplet, can ever that this period with a samplet of the variation of the varia	requiring thermal preservation musi be received on ice the day they are sampled or received $v_{\rm received}$ , ice at an avg tong above G but less than 6°C on subsequent days.
Relippuished by: (Signature) Date / Time Received by: (Signature) Date Time	Late Use Only
Relinquished by: (Signature) / Date 1/12 Time Received by: (Signature) Date Time	werd om iter: (1)/ 14
Michele Lings 42425 1700 Andrew musso 4124123 1700	
Received by: (Signature) (Jate Time (Received by: (Signature)) (Jate 12/12/13) (100)	4.0°C

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

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock Da	te Received:	04/25/23 07	:00	Work Order ID: E304174
Phone:	(575) 390-6397 Da	te Logged In:	04/24/23 16	:02	Logged In By: Caitlin Christian
Email:	natalie@energystaffingllc.com Du	e Date:	04/26/23 17	:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match t	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	'ourier
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample	Cooler				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	perature: 4°	С		
	Container				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	abel				
20. Were	e field sample labels filled out with the minimum informa	tion:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes	L	
	Collectors name?		No		
	<u><b>Preservation</b></u> s the COC or field labels indicate the samples were preser	ved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved metal	s?	No		
	nase Sample Matrix		1.0		
	s the sample have more than one phase, i.e., multiphase?		No		
	es, does the COC specify which phase(s) is to be analyzed	?	NA		
	tract Laboratory		1 1/1		
	samples required to get sent to a subcontract laboratory?		No		
29. Was	a subcontract laboratory specified by the client and if so	who?	NA S	Subcontract Lab	: na

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



envirotech Inc.

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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: Ja

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,



Page 266 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

**Released to Imaging: 6/13/2024 3:20:26 PM** 

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

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

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#### **Sample Summary**

		sample sum	mary		
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.



	~	ampic D				
Tap Rock	Project Name		son 16H			
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Mana	ger: Nata	ılie Gladden			4/28/2023 1:29:11PM
		SP 20 - 4'				
		E304182-01				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	
p-Xylene	ND	0.0250	1	04/26/23	04/27/23	
o,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	A	nalyst: 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	A	nalyst: JL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/26/23	04/26/23	
Dil 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	A	nalyst: RAS		Batch: 2317034
Chloride	ND	20.0	1	04/25/23	04/26/23	

# Sample Data



## Sample Data

	5	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16H 46-0001 Ilie Gladde	en			<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 21 - 4'					
		E304182-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	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

		ample D	uu				
Tap Rock	Project Name:		Jackson 16H				
7 W. Compress Road	Project Number		46-0001				Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladde	en			4/28/2023 1:29:11PM
		SP 22 - 4'					
		E304182-03					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	04/26/23	04/27/23	
p,m-Xylene	ND	0.0500		1	04/26/23	04/27/23	
Fotal 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:	ЛL		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Dil 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

		ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16H 46-0001 alie Gladdo	en			<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 23 - 6'					
		E304182-04					
		Reporting					
Analyte	Result	Limit	Di	lution	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

		mpic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 2004	Jackson 16H 20046-0001 Natalie Gladden				<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 24 - 4'					
	]	E304182-05					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	



	~	ampic D					
Tap Rock	Project Name		Jackson 16H 20046-0001				
7 W. Compress Road	Project Numb		lie Gladde	<b>Reported:</b> 4/28/2023 1:29:11PM			
Artesia NM, 88210	Project Mana	ger: Nata	Ine Gladde	'n			4/28/2023 1:29:11PM
		SP 25 - 4'					
		E304182-06					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	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	
p-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: S	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: J	L		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/26/23	
Dil 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: F	RAS		Batch: 2317034
Chloride	74.0	20.0		1	04/25/23	04/26/23	



# Sample Data

		imple D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 2004	son 16H 46-0001 Ilie Gladde	en			<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 26 - 4'					
	1	E304182-07					
		Reporting					
Analyte	Result	Limit	Di	lution	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

	2	ampic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	Jackson 16H 20046-0001 Natalie Gladden				<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 27 - 4'					
		E304182-08					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	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: S	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	



	~	ampic D					
Tap Rock	Project Name		son 16H 6-0001				D ( )
7 W. Compress Road Artesia NM, 88210	Project Numb Project Mana		lie Gladde	<b>Reported:</b> 4/28/2023 1:29:11PM			
Altesia Nivi, 66210	Tiojeet Mana	-	ine Gladde	-11			1.20.2025 1.25.11111
		SP 28 - 4'					
		E304182-09					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	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	
p-Xylene	ND	0.0250		1	04/26/23	04/27/23	
o,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: S	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	
urrogate: Toluene-d8		101 %	70-130		04/26/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2317039
Diesel Range Organics (C10-C28)	ND	25.0		1	04/26/23	04/27/23	
Dil Range Organics (C28-C36)	ND	50.0		1	04/26/23	04/27/23	
Gurrogate: n-Nonane		91.9 %	50-200		04/26/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: H	RAS		Batch: 2317034
Chloride	ND	20.0		1	04/25/23	04/26/23	



## Sample Data

		ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16H 46-0001 Ilie Gladde	en			<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 29 - 4'					
		E304182-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	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

		ampie D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16H 46-0001 Ilie Gladde	en			<b>Reported:</b> 4/28/2023 1:29:11PM
		SP 30 - 4'					
		E304182-11					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	04/26/23	04/28/23	
o,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

		QU N		•					
Tap Rock		Project Name:	Jac	ckson 16H					Reported:
7 W. Compress Road		Project Number:	20	046-0001					•
Artesia NM, 88210		Project Manager:	Na	talie Gladden					4/28/2023 1:29:11PM
	V	olatile Organic	Compou	unds by EP.	A 82601	B			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317037-BLK1)						I	Prepared: 04	4/26/23 A	nalyzed: 04/27/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-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)						F	Prepared: 04	4/26/23 A	nalyzed: 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			
p-Xylene	2.29	0.0250	2.50		91.7	70-130			
o,m-Xylene	4.48	0.0500	5.00		89.6	70-130			
Fotal 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)						I	Prepared: 04	4/26/23 A	nalyzed: 04/27/23
					05.4	70-130	1.16	23	
Benzene	2.39	0.0250	2.50		95.4				
	2.27	0.0250 0.0250	2.50		90.8	70-130	2.41	27	
Ethylbenzene	2.27 2.29		2.50 2.50		90.8 91.5	70-130 70-130	2.41 2.66	27 24	
Ethylbenzene Toluene	2.27 2.29 2.31	0.0250	2.50 2.50 2.50		90.8 91.5 92.5	70-130 70-130 70-130	2.41 2.66 0.847	27 24 27	
Ethylbenzene Toluene 5-Xylene	2.27 2.29 2.31 4.56	0.0250 0.0250	2.50 2.50 2.50 5.00		90.8 91.5	70-130 70-130 70-130 70-130	2.41 2.66 0.847 1.65	27 24 27 27	
Ethylbenzene Toluene o-Xylene o,m-Xylene	2.27 2.29 2.31	0.0250 0.0250 0.0250	2.50 2.50 2.50		90.8 91.5 92.5	70-130 70-130 70-130	2.41 2.66 0.847	27 24 27	
Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes	2.27 2.29 2.31 4.56	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00		90.8 91.5 92.5 91.1	70-130 70-130 70-130 70-130	2.41 2.66 0.847 1.65	27 24 27 27	
Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	2.27 2.29 2.31 4.56 6.87	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 5.00 7.50		90.8 91.5 92.5 91.1 91.6	70-130 70-130 70-130 70-130 70-130	2.41 2.66 0.847 1.65	27 24 27 27	

# QC Summary Data

		QC D	umm	ary Date	L				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	2	ackson 16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	latalie Gladden					4/28/2023 1:29:11PM
	No	onhalogenated C	Organics	by EPA 801	5D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317037-BLK1)							Prepared: 0	4/26/23 A	nalyzed: 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: 0	4/26/23 A	nalyzed: 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: 0	4/26/23 A	nalyzed: 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**

		QU DI		iny Data					
Tap Rock 7 W. Compress Road		Project Name: Project Number:		uckson 16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	atalie Gladden					4/28/2023 1:29:11PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317039-BLK1)							Prepared: 04	4/26/23 <i>I</i>	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	4/26/23 A	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: I	E <b>304182-</b> 1	1	Prepared: 04	4/26/23 A	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: I	E <b>304182-</b> 1	11	Prepared: 04	4/26/23 A	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 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16H 0046-0001 Jatalie Gladden	1				<b>Reported:</b> 4/28/2023 1:29:11PM
		Anions	by EPA	300.0/9056A	<b>\</b>				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: 0	4/25/23	Analyzed: 04/26/23
Chloride LCS (2317034-BS1)	ND	20.0					Prepared: 0	4/25/23	Analyzed: 04/26/23
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2317034-MS1)				Source:	E304182-0	)1	Prepared: 0	4/25/23	Analyzed: 04/26/23
Chloride	261	20.0	250	ND	104	80-120			
Matrix Spike Dup (2317034-MSD1)				Source:	E304182-0	01	Prepared: 0	4/25/23	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.



ſ	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.



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ity, Stat hone: mail: eport d	•				EMA	e: 575-393-9048 IL TO: Natalie@energystaffinglk natah@energystaffinglk.com		DRO/ORO by 8015	GRO/DRO by 8015	y 8021	8260	6010	e 300.0	MM	TX			State	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			telation Number	DRO/O	GRO/D	BTEX by 8021	VOC by 8260	Metals (	Chloride 300	RGDOC	BGDOC			Remari	(5
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Received by OCD: 5/22/2024 10:23:53 AM

Project Ir	nformation							Chain c	of Custody													Page 2	2 of Z	Received by OCD: 5/2
Client: Project: Project M Address	TAPR SAC	k son Vatalie	Gla	, 4 dden		Attention: Address: City, State, Z	Bill To ESS 2724 NW C		AD D	Lab V E 3	мо# <mark>04</mark>	increated internet as		e Only Job N <b>2004</b> Analys	umb		1D d	2D	<b>TA</b> 3D		ndard	EPA P CWA	rogram SDWA RCRA	0
City, Sta Phone: Email: Report o Time Sampied	te, Zip	Matrix	No. of Containers	Sample iD	19 M	Phone: 575 EMAIL TO: N Dakoatah@e	- <u>393-9048</u> atalie@ener	gystaffinglld		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by \$260		Chloride 300.0		RGDOC NM	BGDOC TX		3.00	νΜ co Υ	State UT AZ Remarks		-53 AM
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## **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

Client:	Tap Rock D	ate Received:	04/26/23 0	7:29	Work Order ID: 1	E304182
Phone:	(575) 390-6397 D	ate Logged In:	04/25/23 1	6:52	Logged In By:	Caitlin Christian
Email:		ue Date:	04/27/23 1	7:00 (1 day TAT)		
Chain of	<u>f Custody (COC)</u>					
. Does t	he sample ID match the COC?		Yes			
2. Does 1	he number of samples per sampling site location match	the COC	Yes			
3. Were a	samples dropped off by client or carrier?		Yes	Carrier: C	ourier	
4. Was th	ne COC complete, i.e., signatures, dates/times, requested	d analyses?	No			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		<u>Comments/</u>	Resolution
<u>Sample '</u>	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provid	ed on COC per
Sample	<u>Cooler</u>				client.	
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tł	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re		Yes			
	minutes of sampling		~			
	visible ice, record the temperature. Actual sample te	mperature: <u>4°</u>	<u>'C</u>			
	Container					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?	11 / 10	Yes			
	appropriate volume/weight or number of sample container	s collected?	Yes			
Field La		ation				
	field sample labels filled out with the minimum inform Sample ID?	iat1011.	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
Sample ]	Preservation					
21. Does	the COC or field labels indicate the samples were pres-	erved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	filteration required and/or requested for dissolved met	als?	No			
<u>Multiph</u>	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphase	•	No			
27. If ye	s, does the COC specify which phase(s) is to be analyze	d?	NA			
<u>Subcont</u>	ract Laboratory					
		,	No			
28. Are s	amples required to get sent to a subcontract laboratory		INU			

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



•





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: Ja

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

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,



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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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

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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

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

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#### **Sample Summary**

		Sample Sum	mai y		
Tap Rock		Project Name: Project Number:	Jackson #16 20046-0001		Reported:
7 W. Compress Road Artesia NM, 88210		Project Number: Project Manager:	20046-0001 Natalie Gladden		04/28/23 15:32
lient Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P 31-2'	E304191-01A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 32-2'	E304191-02A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 33-4'	E304191-03A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 34-2'	E304191-04A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 35-5'	E304191-05A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
2 36-5'	E304191-06A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
2 37-5'	E304191-07A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 38-6'	E304191-08A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 39-6'	E304191-09A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 40-8'	E304191-10A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 41-4'	E304191-11A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 42-4'	E304191-12A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 43-4'	E304191-13A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
P 44-4'	E304191-14A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.
9 45-4'	E304191-15A	Soil	04/25/23	04/27/23	Glass Jar, 2 oz.



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 31-2'				
		E304191-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: IY			Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	31.2	25.0	1	04/27/23	04/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
Surrogate: n-Nonane		91.2 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	

## Sample Data

### Sample Data

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 32-2'				
		E304191-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	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	
Surrogate: n-Nonane		92.1 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son #16 46-0001 ilie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 33-4'				
		E304191-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Fotal Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
Surrogate: n-Nonane		92.1 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



	3	ample D	ata			
Tap Rock	Project Name:	: Jack	son #16			
7 W. Compress Road	Project Numb	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			4/28/2023 3:32:58PM
		SP 34-2'				
		E304191-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
Surrogate: n-Nonane		92.9 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16 46-0001 ılie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 35-5'				
		E304191-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
Surrogate: n-Nonane		93.4 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



	5	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 36-5'				
		E304191-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
Surrogate: n-Nonane		92.7 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 37-5'				
		E304191-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		93.5 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 38-6'				
		E304191-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Fotal Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
Surrogate: n-Nonane		91.3 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	

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Tap Rock	Project Name		son #16			<b>D</b>
7 W. Compress Road Artesia NM, 88210	Project Num		l6-0001 llie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
Artesia NNI, 88210	Project Mana	iger: Nata	line Gladden			4/28/2023 5.52.58FW
		SP 39-6'				
		E304191-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Fotal Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Batch: 2317052		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	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	
Surrogate: n-Nonane		101 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2317068
Chloride	25.1	20.0	1	04/27/23	04/27/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son #16 46-0001 alie Gladden	<b>Reported:</b> 4/28/2023 3:32:58PM		
		SP 40-8'				
		E304191-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2317052
Benzene	ND	0.0250	1	04/27/23	04/27/23	
Ithylbenzene	ND	0.0250	1	04/27/23	04/27/23	
oluene	ND	0.0250	1	04/27/23	04/27/23	
-Xylene	ND	0.0250	1	04/27/23	04/27/23	
,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
urrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	it: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
urrogate: n-Nonane		93.7 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



	D	bample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Num Project Mana	ber: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 41-4'				
		E304191-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Fotal Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		89.3 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



	0	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 4/28/2023 3:32:58PM
		SP 42-4'				
		E304191-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	04/27/23	04/27/23	
-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Total Xylenes	ND	0.0250	1	04/27/23	04/27/23	
urrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/27/23	
urrogate: n-Nonane		85.7 %	50-200	04/27/23	04/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



Number: 200	kson #16 )46-0001			
	0.0001			Reported:
	talie Gladden		4/28/2023 3:32:58PM	
SP 43-4'				
E304191-13				
Reportin	g			
t Limit	Dilutior	n Prepared	Analyzed	Notes
g mg/kg	Ana	alyst: IY		Batch: 2317052
0.0250	1	04/27/23	04/27/23	
0.0250	1	04/27/23	04/27/23	
0.0250	1	04/27/23	04/27/23	
0.0250	1	04/27/23	04/27/23	
0.0500	1	04/27/23	04/27/23	
0.0250	1	04/27/23	04/27/23	
92.2 %	70-130	04/27/23	04/27/23	
g mg/kg	Ana	alyst: IY		Batch: 2317052
20.0	1	04/27/23	04/27/23	
92.3 %	70-130	04/27/23	04/27/23	
g mg/kg	Ana	alyst: JL		Batch: 2317049
25.0	1	04/27/23	04/27/23	
50.0	1	04/27/23	04/27/23	
87.1 %	50-200	04/27/23	04/27/23	
g mg/kg	Ana	alyst: BA		Batch: 2317068
20.0	1	04/27/23	04/27/23	
	SP 43-4'   E304191-13   Reporting   lt Limit   g mg/kg   0.0250 0.0250   0.0250 0.0250   0.0250 0.0250   0.0250 0.0250   92.2 % g   g mg/kg   20.0 92.3 %   g mg/kg   25.0 50.0   87.1 % g	SP 43-4'   E304191-13   Reporting   It Limit Dilution   g mg/kg Am   0.0250 1 0.0250 1   0.0250 1 0.0250 1   0.0250 1 0.0250 1   0.0250 1 0.0250 1   0.0250 1 0.0250 1   92.2 % 70-130 1 1   92.2 % 70-130 1 1   92.3 % 70-130 1 1   92.3 % 70-130 1 1   92.3 % 70-130 1 1   92.3 % 70-130 1 1   92.3 % 50.0 1 1   87.1 % 50-200 1 1   87.1 % 50-200 1 1	SP 43-4'   E304191-13   Reporting   It Limit Dilution Prepared   g mg/kg Analyst: IY 0.0250 1 04/27/23   0.0250 1 04/27/23 0.0250 1 04/27/23   0.0250 1 04/27/23 0.0250 1 04/27/23   0.0250 1 04/27/23 0.0250 1 04/27/23   0.0250 1 04/27/23 0.0250 1 04/27/23   g mg/kg Analyst: IY 20.0 1 04/27/23   g mg/kg Analyst: IY 20.0 1 04/27/23   g mg/kg Analyst: IX 25.0 1 04/27/23   g mg/kg Analyst: JL 25.0 1 04/27/23   g ng/kg 50-200 04/27/23 3 50.0 1 04/27/23   g mg/kg Analyst: BA 3 3 3	SP 43-4'   E304191-13   Reporting   lt Limit Dilution Prepared Analyzed   g mg/kg Analyst: IY V   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   0.0250 1 04/27/23 04/27/23   g mg/kg Analyst: IY 20.0 04/27/23   g mg/kg Analyst: JL 25.0 1 04/27/23   g mg/kg Analyst: JL 25.0 1 04/27/23   g 0.0 1 04/27/23 04/27/23



	5	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name Project Numb		son #16 46-0001			Reported:
Artesia NM, 88210	Project Mana		ilie Gladden		4/28/2023 3:32:58PM	
		SP 44-4'				
		E304191-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Fotal Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2317049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/27/23	04/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/27/23	04/28/23	
Surrogate: n-Nonane		84.8 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2317068
Chloride	ND	20.0	1	04/27/23	04/27/23	



	3	ample D	ลเล			
Tap Rock	Project Name	e: Jack	son #16			
7 W. Compress Road	Project Numb	ber: 2004	46-0001	Reported:		
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladden	4/28/2023 3:32:58PM		
		SP 45-4'				
		E304191-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	04/27/23	04/27/23	
o,m-Xylene	ND	0.0500	1	04/27/23	04/27/23	
Fotal Xylenes	ND	0.0250	1	04/27/23	04/27/23	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2317052
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/23	04/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	04/27/23	04/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		91.4 %	50-200	04/27/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2317068
Chloride	46.8	20.0	1	04/27/23	04/27/23	



## **QC Summary Data**

		$\mathbf{z} \in \mathcal{Z}$		ily Date					
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	uckson #16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladder	1				4/28/2023 3:32:58PM
		Volatile O	rganics l	by EPA 802	1 <b>B</b>				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317052-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 04/27/23
Benzene	ND	0.0250					1		•
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: 0	4/27/23 A	nalyzed: 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: 0	4/27/23 A	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: 0	4/27/23 A	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**

		QC D	uIIIII	aly Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16 0046-0001 Jatalie Gladden					<b>Reported:</b> 4/28/2023 3:32:58PM
	Noi	nhalogenated C	Organics	by EPA 801	5D - Gl	RO			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
							<b>D</b> 1.0		1 1 0 4 (05 (00
Blank (2317052-BLK1)							Prepared: 0	4/27/23 A	nalyzed: 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: 0	4/27/23 A	nalyzed: 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: E	304191-	14	Prepared: 0	4/27/23 A	nalyzed: 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: E	304191-	14	Prepared: 0	4/27/23 A	nalyzed: 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**

		QU D		i y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson #16 0046-0001 atalie Gladden					<b>Reported:</b> 4/28/2023 3:32:58PM
	Nonh	alogenated Org		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: 0	4/27/23	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: 0	4/27/23 A	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: I	E <b>304191</b> -	12	Prepared: 0	4/27/23 A	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: I	E304191-	12	Prepared: 0	4/27/23	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**

		$\mathbf{x} \circ \sim$	••••••						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16 20046-0001 Natalie Gladder	1				<b>Reported:</b> 4/28/2023 3:32:58PM
		Anions	by EPA	300.0/9056	4				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 (2317068-BLK1)							Prepared: 0	4/27/23	Analyzed: 04/27/23
Chloride LCS (2317068-BS1)	ND	20.0					Prepared: 0	4/27/23	Analyzed: 04/27/23
Chloride Matrix Spike (2317068-MS1)	255	20.0	250	Source:	102 <b>E304200-</b>	90-110 <b>02</b>	Prepared: 0	4/27/23	Analyzed: 04/27/23
Chloride	455	40.0	250	191	106	80-120			
Matrix Spike Dup (2317068-MSD1)				Source:	E304200-	02	Prepared: 0	4/27/23	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.



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 Ir	ofrmation	(					Cha	in of Custod	Ý												Page	of2
Client 1	GPROCK					T	Bill To		1		La	ab Us	e On	lv	2.1.12	1		TA	T		EPA P	rogram
Project:	Jacusa	in H	16			Attention			Lab	WOt	ŧ.	1	Job	Num		1D	1	3D	Sta	ndard	CWA	SDWA
Project M	Manager:	latal	ie Gl	adden		Address:	2724 NW COUNTY I		E	304	191				000		$\times$					DCDA
Address	Colored France in Colored States				100		e, Zip HOBBS, NM 88	3240		1	1 1	1	Analy	rsis ar	nd Metho	d T	1	1 1				RCRA
<u>City, Sta</u> Phone:	te, Zip				52	2	<u>575-393-9048</u> ): Natalie@energystaffin	alle com	S	S									F		State	1
Email:							@energystaffingllc.com		108 V	108 ý	-	0		0.0		5			f	NM CO	UTAZ	TX
Report c	lue by:						<u><u> </u></u>		ROb	RO b	y 802	826	6010	le 30(		NM	TX		ļ	$\times$		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remark	5
	04/25/23	5		SP	31-	2'			ALC: NO.							$\times$						
	ſ	1	1	SP	32	- 2'		2								ſ						
				58	33-	- 4'		3														
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	04/25/23	15		SB	40	D- 8'		10								X						
Additio	nal Instruc	tions:																				
Character strength and the							npering with or intentionally mist		ple loca	ation,				S	181					on ice the da		npled or receive
Relinquis	hed by: (Sign	ature)	. Dat		Time		Sampled by: Juon rived by: (Signature)	Date	h	) Tim	e 1 2	X					m .	Use C	Inly		9.97	
	501:5		0-	1/15/23	Time		ived by: (Signature)	2 4-01	l'd	) Tim	12)	0	Re	ceive	id on ice		$\mathcal{O}_{\mathcal{A}}$	14	100			
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Relinquis	hed by: (Sigr	ature)	Day 4	-127/	B3	1	Signature)	4/27			7:20				mp °C							
Sample M	atrix: S - Soil, S	d - Solid, Sg	- Sludge, A -	Aqueous, O -	Other										c, ag - an					-1 E	and a to the	CONTRACTOR DESIGNATION OF THE OWNER.
Note: Sai	mples are dis	carded 30	days after r	esults are re	ported ur	less other arr	angements are made Hazar	doue complex y	eill be	return	ied to	client	or dis	posed	of at the	client e	xpen	se. Th	e repo	rt for the a	inalysis of t	he above

samples is applicable only to those samples received by the laboratory with this COC. The liability of

Page 26 of 28 to the amount paid for on the report.

Page 313 of 699

Released to Imaging:<sup>6</sup>/13/2024 3:20:26 PM

																							of Program SDWA RCRA  Z TX s	Received t
Project Ir	nformation	1							Chain o	f Custod	Y											Page _2	of _2	y OCL
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			5			Atter	ntion:	ESS			Lab	WO#				Jumber		1D			andard	CWA	SDWA	
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City, Stat						1.2.2	A CONTRACTOR OF A CONTRACTOR OFTA CONT	-393-9048														Chatta	<u> </u>	10:
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<u>Email:</u> Report d	lue by:					Dako	atah@e	nergystaffin	nglic.com		0 pA	O by	8021	3260	OIO	300.		NN	×		X			-3
Time Sampied	Date Sampled	Matrix	No. of Containers	Sample il	)					Lab Number	DR0/OR0 by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remark	5	IM
	04/25123	5	1	SP	41	- (	(			11								X						
	(	1		SP						12								1						
				50	43	- 4	(			13														
				58	44	-4				14														
	01/25123	Ś	1	50 50 50	45	. 4'	,			15								$\left  \right\rangle$						-
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Additio	nal Instru	tions:																						
	npler), attest t						hai tamperi	ing with or inten Sampled by:	Juan 50	ling the sam	ple loca	tion,			10000000						ed on ice the di on subsequent		mpled or recei	ved
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	atrix: S - Soil, S					mlore eth	or presso	ements are ma	da Uszardau							plastic, a					ort for the a	analysis of	the above	40
samples	is applicable	only to the	ise samples	received b	y the labo	pratory wi	th this COC	C. The liability	D 07	7 of 28						e report.				SA		cmu" 25010		660 10

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#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	te Received:	04/27/23 07	/:20	Work Order ID: E304191
Phone:	(575) 390-6397 Da	te Logged In:	04/26/23 16	5:54	Logged In By: Caitlin Christian
Email:		e Date:	04/28/23 17	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does '	the number of samples per sampling site location match t	he COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
	ne COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample	Cooler_				client.
	a sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample tem	perature: 4°	Ċ		
	<u>Container</u>	<u> </u>	-		
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
16. Is the	e 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 1	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	<u>abel</u>				
20. Were	e field sample labels filled out with the minimum informa	ition:			
	Sample ID?		Yes		
	Date/Time Collected? Collectors name?		Yes	•	
			No		
-	<u>Preservation</u> s the COC or field labels indicate the samples were preser	rved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved metal	s?	No		
	nase Sample Matrix		1,0		
	s the sample have more than one phase, i.e., multiphase?		N-		
	es, does the COC specify which phase(s) is to be analyzed	9	No NA		
		•	NA		
	tract Laboratory		Na		
	samples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so	what	No NA S	Subcontract Lab	

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



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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: J

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

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,



Page 317 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

**Southern New Mexico Area** Lynn Jarboe Technical Representative/Client Services

Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

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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

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

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#### Sample Summary

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		~ mpro ~ m			
Tap Rock		Project Name:	Jackson #16		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reporteu.
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.



	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 5/1/2023 4:00:39PM
		SP 46 - 4'				
		E304206-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
p-Xylene	ND	0.0250	1	04/28/23	04/28/23	
o,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: 4-Bromochlorobenzene-PID		92.6 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		87.8 %	50-200	04/28/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	

## Sample Data



## Sample Data

		ampic D	uta			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 5/1/2023 4:00:39PM
		SP 47 - 6'				
		E304206-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
o,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Fotal Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane		87.4 %	50-200	04/28/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



#### Sample Data

		ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 5/1/2023 4:00:39PM
		SP 48 - 4'				
		E304206-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	04/28/23	04/28/23	
o,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: 4-Bromochlorobenzene-PID		93.4 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane		88.3 %	50-200	04/28/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



#### Sample Data

	D	ampic D	aca			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 2004	rson #16 46-0001 alie Gladden			<b>Reported:</b> 5/1/2023 4:00:39PM
		SP 49 - 4'				
		E304206-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	t: RKS		Batch: 2317071
Benzene	ND	0.0250	1	04/28/23	04/28/23	
Ithylbenzene	ND	0.0250	1	04/28/23	04/28/23	
oluene	ND	0.0250	1	04/28/23	04/28/23	
-Xylene	ND	0.0250	1	04/28/23	04/28/23	
,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Total Xylenes	ND	0.0250	1	04/28/23	04/28/23	
urrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
'urrogate: n-Nonane		87.2 %	50-200	04/28/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	



## Sample Data

	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 5/1/2023 4:00:39PM
		SP 50 - 4'				
		E304206-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	04/28/23	04/28/23	
o,m-Xylene	ND	0.0500	1	04/28/23	04/28/23	
Fotal Xylenes	ND	0.0250	1	04/28/23	04/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2317071
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/23	04/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	04/28/23	04/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	:: KM		Batch: 2317073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/23	04/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	04/28/23	04/28/23	
Surrogate: n-Nonane		91.4 %	50-200	04/28/23	04/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: BA		Batch: 2317075
Chloride	ND	20.0	1	04/28/23	04/28/23	
# **QC Summary Data**

		QC DI		i y Data	4				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Number: Project Manager:	20	ckson #16 046-0001 atalie Gladden	L				<b>Reported:</b> 5/1/2023 4:00:39PM	
		Volatile Or	rganics b	oy EPA 802	1B				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: 0	4/28/23 A	nalyzed: 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: 0	4/28/23 A	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: 0	4/28/23 A	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:	Ja	ckson #16					Reported:
7 W. Compress Road		Project Number	: 20	0046-0001					
Artesia NM, 88210		Project Manage	r: N	atalie Gladder	1				5/1/2023 4:00:39PM
	No	onhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317071-BLK1)							Prepared: 0	4/28/23 A	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: 0	4/28/23 A	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: 0	4/28/23 A	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			



# **OC Summary Data**

		QC D		ir y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson #16 0046-0001 atalie Gladden					<b>Reported:</b> 5/1/2023 4:00:39PM
//////////////////////////////////////									
	Nonha	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317073-BLK1)							Prepared: 04	4/28/23 A	nalyzed: 04/28/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.7		50.0		89.4	50-200			
LCS (2317073-BS1)							Prepared: 04	4/28/23 A	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: E	304206-	01	Prepared: 04	4/28/23 A	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: E	304206-	01	Prepared: 04	4/28/23 A	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								



## **QC Summary Data**

		$\mathbf{x} \circ \sim$	••••••						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16 20046-0001 Natalie Gladder	L				<b>Reported:</b> 5/1/2023 4:00:39PM
		Anions	by EPA	300.0/9056A	1				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: 0	4/28/23	Analyzed: 04/28/23
Chloride LCS (2317075-BS1)	ND	20.0					Prepared: 0	4/28/23	Analyzed: 04/28/23
Chloride Matrix Spike (2317075-MS1)	247	20.0	250	Sourco	98.9 <b>E304205-</b> (	90-110	Prepared: 0	4/28/23	Analyzed: 04/28/23
Chloride	246	20.0	250	ND	98.3	80-120	Trepared. 0	120/23 1	niary200. 0 <del>4</del> /20/23
Matrix Spike Dup (2317075-MSD1)				Source:	E304205-0	)1	Prepared: 0	4/28/23	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.



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.



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Project Information	normation	In	nect	Pro

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Time iampled	Date Sampled	Matrix		o. of lainers	Sample ID			Lab. Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	RGDOC	BGDOC				Remark	5
	04/26/23	5			SP	416 - 4 47 - 6 48 - 4	·								X						
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telinquist	hed by: (Sigr	notore P		Date	17.73	Time 2330	Received by: (Signature)	Date 04/2	8/23	Tim	。 7:00		AW	G Temp <sup>o</sup> C .	4.0						

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock D	ate Received:	04/28/23 0	07:00	Work Order ID: E304206
Phone:	(575) 390-6397 D	ate Logged In:	04/27/23 1	6:27	Logged In By: Caitlin Christian
Email:		Due Date:	05/01/23 1	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, requester	d analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	ne field,	Yes		Comments/Resolution
Sample '	<u>Turn Around Time (TAT)</u>				<b></b>
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
<u>Sample</u>	<u>Cooler</u>				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling	·	Yes		
12 Ifma	visible ice, record the temperature. Actual sample te				
15.1110	visible ice, record the temperature. Actual sample te	mperature: 4°	С		
		mperature: <u>4°</u>	<u>C</u>		
Sample	Container	mperature: <u>4</u> °	<u>C</u> No		
<u>Sample</u> 14. Are a		mperature: <u>4°</u>			
<u>Sample</u> 14. Are a 15. Are <sup>9</sup>	Container aqueous VOC samples present?	mperature: <u>4°</u>	No		
Sample 14. Are a 15. Are <sup>3</sup> 16. Is the	Container aqueous VOC samples present? VOC samples collected in VOA Vials?	mperature: <u>4°</u>	No NA		
Sample 14. Are a 15. Are 7 16. Is the 17. Was	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	mperature: <u>4°</u>	No NA NA		
Sample 14. Are a 15. Are 7 16. Is the 17. Was 18. Are 1	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	. –	No NA NA NA		
Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel	s collected?	No NA NA NA Yes		
Sample 14. Are a 15. Are v 16. Is the 17. Was 18. Are n 19. Is the Field La 20. Were	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform	s collected?	No NA NA Yes Yes		
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Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were S 1 0 0	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?	s collected?	No NA NA Yes Yes Yes		
Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were S I C Sample	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?	s collected? nation:	No NA NA Yes Yes Yes		
Sample 14. Are a 15. Are <sup>3</sup> 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were S I C Sample 21. Does	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation	s collected? nation:	No NA NA Yes Yes Yes No		
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Sample 14. Are a 15. Are 3 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were 5 10. Were 21. Does 22. Are 5 24. Is lat Multiph	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met	s collected? nation: erved? als?	No NA NA Yes Yes Yes No No		
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Sample 14. Are a 15. Are <sup>1</sup> 16. Is the 17. Was 18. Are a 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is lat Multiph 26. Does 27. If yer	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation e the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix the sample have more than one phase, i.e., multiphase.	s collected? nation: erved? als?	No NA NA Yes Yes Yes No No NA No		
Sample 14. Are a 15. Are <sup>1</sup> 16. Is the 17. Was 18. Are a 19. Is the Field La 20. Were 5 20. Were 21. Does 22. Are s 24. Is lat Multiph 26. Does 27. If yea	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation e the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix e the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed	s collected? nation: erved? als? ?	No NA NA Yes Yes Yes No No NA No		

B

Date

envirotech Inc.

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





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: Ja

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

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,



Page 333 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

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

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

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#### **Sample Summary**

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		Sample Sum	mary		
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	Jackson #16 20046-0001 Natalie Gladden		<b>Reported:</b> 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.
W 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.



		impic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 5/1/2023 4:36:11PM
Altesia NNI, 86210	Floject Mailag	ci. India				5/1/2025 4.50.111 W
		SW 1 - 2'				
		E304207-01				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	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	
p-Xylene	ND	0.0250	1	04/28/23	04/28/23	
o,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	I	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	A	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	I	Analyst: BA		Batch: 2317077
Chloride	37.6	20.0	1	04/28/23	04/28/23	

# Sample Data

## Sample Data

	0	ample D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son #16 46-0001 Ilie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 2 - 2'					
		E304207-02					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,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

		ampie D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16 6-0001 lie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 3 - 2'					
		E304207-03					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
-			Di		*	7 thaty2ed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2317074
Benzene	ND	0.0250		1	04/28/23 04/28/23	04/28/23 04/28/23	
Ethylbenzene	ND ND	0.0250 0.0250		1	04/28/23	04/28/23	
Toluene	ND ND	0.0250		1	04/28/23	04/28/23	
p-Xylene p,m-Xylene	ND ND	0.0230		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

		ample D	uu				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 Ilie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 4 - 2'					
		E304207-04					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,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

	D	ample D					
Tap Rock	Project Name		son #16				
7 W. Compress Road	Project Numb		6-0001				Reported:
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladde	en			5/1/2023 4:36:11PM
		SW 5 - 2'					
		E304207-05					
		Reporting					
Analyte	Result	Limit	Di	lution	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

	0	ample D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son #16 46-0001 Ilie Gladdo	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 6 - 2'					
		E304207-06					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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

		ample D	uu				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 Ilie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 7 - 2'					
		E304207-07					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
-			DI		•	7 thaty2ed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		0.1/00/00	Batch: 2317074
Benzene	ND	0.0250		1	04/28/23 04/28/23	04/28/23 04/28/23	
Ethylbenzene	ND ND	0.0250 0.0250		1	04/28/23	04/28/23	
Toluene	ND ND	0.0250		1	04/28/23	04/28/23	
p-Xylene p,m-Xylene	ND ND	0.0230		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

	5	ample D	uu				
Tap Rock 7 W. Compress Road	Project Name Project Numb		son #16 46-0001				Reported:
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladd	en			5/1/2023 4:36:11PM
		SW 8 - 2'					
		E304207-08					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,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

	5	ample D	uu				
Tap Rock 7 W. Compress Road	Project Name: Project Numb		son #16 46-0001				Reported:
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladde	en			5/1/2023 4:36:11PM
		SW 9 - 2'					
		E304207-09					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-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

	5	ample D	ala				
Tap Rock 7 W. Compress Road	Project Name Project Numb		son #16 46-0001				Reported:
Artesia NM, 88210	Project Manager: Natalie Gladder			en		5/1/2023 4:36:11PM	
		SW 10 - 2'					
		E304207-10					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,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

		mpic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 2004	son #16 46-0001 Ilie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 11 - 2'					
		E304207-11					
		Reporting					
Analyte	Result	Limit	Dıl	ution	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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,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	
Dil 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

		impic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 2004	son #16 46-0001 Ilie Gladdo	en			<b>Reported:</b> 5/1/2023 4:36:11PM
	:	SW 12 - 2'					
	]	E304207-12					
Analyte	Result	Reporting Limit	D;	lution	Prepared	Analyzed	Notes
Analyte			DI		*	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			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	
p-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

	50	ampie D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 Ilie Gladdo	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 13 - 2'					
		E304207-13					
Analyta	Pagult	Reporting Limit	D	lution	Dronorod	Analyzad	Notos
Analyte	Result		DI		Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,m-Xylene	ND	0.0500		1	04/28/23	04/28/23	
Fotal 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	
Dil 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

		impic D					
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16 46-0001				Reported:
Artesia NM, 88210	Project Manag		lie Gladde		5/1/2023 4:36:11PM		
	SW 14 - 2'						
		E304207-14					
		Reporting					
Analyte	Result	Limit	Di	lution	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	
p-Xylene	ND	0.0250		1	04/28/23	04/28/23	
o,m-Xylene	ND	0.0500		1	04/28/23	04/28/23	
Fotal 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	
Dil 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

		mpic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 2004	son #16 46-0001 Ilie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
	!	SW 15 - 2'					
	]	E304207-15					
Analyte	Result	Reporting Limit	Dil	ution	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	
o,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	
Dil 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

		ampic D					
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16 46-0001				Reported:
Artesia NM, 88210	Project Manag	er: Nata	lie Gladde	en			5/1/2023 4:36:11PM
		SW 16 - 2'					
		E304207-16					
		Reporting					
Analyte	Result	Limit	Dil	lution	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	
p-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

	5	ampie D	uu				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16 46-0001 Ilie Gladde	en			<b>Reported:</b> 5/1/2023 4:36:11PM
		SW 7 - 2'					
		E304207-17					
Analyte	Result	Reporting Limit		lution	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	
p-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

		-		v					
Tap Rock		Project Name:		ckson #16					Reported:
7 W. Compress Road		Project Number:	20	046-0001					
Artesia NM, 88210		Project Manager:	Na	atalie Gladden				5	/1/2023 4:36:11PM
		Analyst: RKS							
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317074-BLK1)							Prepared: 04	4/28/23 Ana	lyzed: 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	4/28/23 Ana	lyzed: 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: E	304207-0	01	Prepared: 04	4/28/23 Ana	lyzed: 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: E	304207-(	01	Prepared: 04	4/28/23 Ana	lyzed: 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			
			0.500			70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503				101				
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



# **QC Summary Data**

		QC DI		ii y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ckson #16 0046-0001 atalie Gladden					<b>Reported:</b> 5/1/2023 4:36:11PM
	No		Analyst: RKS						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2317074-BLK1)							Prepared: 0	4/28/23	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: 0	4/28/23	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: E	304207-0	1	Prepared: 0	4/28/23	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: E	304207-0	1	Prepared: 0	4/28/23	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			



# **QC Summary Data**

		QU DI		ing Dutu	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	uckson #16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					5/1/2023 4:36:11PM
	Nonh	Analyst: KM							
analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
lank (2317072-BLK1)							Prepared: 0	4/28/23 <i>I</i>	Analyzed: 04/28/23
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.4		50.0		101	50-200			
CS (2317072-BS1)							Prepared: 0	4/28/23 A	Analyzed: 04/28/23
iesel Range Organics (C10-C28)	271	25.0	250		108	38-132			
urrogate: n-Nonane	45.8		50.0		91.6	50-200			
Iatrix Spike (2317072-MS1)				Source: <b>F</b>	2304207-	10	Prepared: 0	4/28/23 A	Analyzed: 04/28/23
iesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
urrogate: n-Nonane	45.5		50.0		91.0	50-200			
fatrix Spike Dup (2317072-MSD1)				Source: H	304207-	10	Prepared: 0	4/28/23 A	Analyzed: 04/28/23
iesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132	2.95	20	
urrogate: n-Nonane	44.3		50.0		88.5	50-200			
el Range Organics (C10-C28) ogate: n-Nonane trix Spike Dup (2317072-MSD1) el Range Organics (C10-C28)	45.5		50.0 250	ND Source: F	112 91.0 2 <b>304207-</b> 109	38-132 50-200 10 38-132	Prepared: 0	4/28/23 <i>A</i>	



## **QC Summary Data**

		$\mathbf{x} \in \mathbb{S}$	••••••						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16 0046-0001 Jatalie Gladder	1				<b>Reported:</b> 5/1/2023 4:36:11PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				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: 0	)4/28/23	Analyzed: 04/28/23
Chloride LCS (2317077-BS1)	ND	20.0					Prepared: 0	)4/28/23	Analyzed: 04/28/23
Chloride	274	20.0	250	0	110	90-110	Duran and O	1/20/22	A
Matrix Spike (2317077-MS1)					E304207-0	-	Prepared: 0	14/28/23	Analyzed: 04/28/23
Chloride	314	20.0	250	37.6	111	80-120			
Matrix Spike Dup (2317077-MSD1)				Source:	E304207-0	01	Prepared: 0	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.



ſ	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.



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oject Info	ormation							Chain o	f Custody									<i>r</i>			I	age	of rogram SDWA RCRA
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Project In	formation									Chain of	Custody													Page 2	of2	Received by O
Client: Tap Rock Project: Jackson #16 Project Manager: Natalie Gladden Address: City, State, Zip Phone: Email: Report due by:							Attention:	Bill To ESS 2724 NW COL		NTY ROAL	)	Lab WO# E <b>304207</b>				Job Number			1D 2D 3D			T Star	ndard		rogram SDWA	CD: 5/22/20
						City, State, Zip HOBBS, NM 88240 Phone: 575-393-9048 EMAIL TO: Natalie@energystaffingllc. Dakoatah@energystaffingllc.com					<u>com</u>	DRO/ORO by SUIS	015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	d Metho	d WN	L X			IM CO	State UT AZ	TX	CD: 5/22/2024 10:23:53 AM
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Juan 50115 0-1/26/23					unds for	ne Received by: (Signature) McUlll Utinzchr ne Received by: (Signature)			Date Uate Date Date	۲ime 1330 آزب ر				packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. In abi USe Ondy Received on Ice:												
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Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability Page 29 of 32 to the amount paid for on the report.

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#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	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:		Due Date:	05/01/23 17	7:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location mate	ch the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ted analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes		Comments/Resolution
Sample '	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Received extra sample that was not on
<u>Sample</u>	<u>Cooler</u>				COC. Added sample SW 7-2 per
7. Was a	sample cooler received?		Yes		client.Time sampled not provided on COC
8. If yes,	was cooler received in good condition?		Yes		per client.
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		per enent.
10. Were	e custody/security seals present?		No		
	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	C		
Sampla			<u>c</u>		
	Container				
14. Are a	Container aqueous VOC samples present?	<u>.</u>	No		
14. Are a 15. Are '	Container aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA		
14. Are a 15. Are 7 16. Is the	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		No NA NA		
14. Are a 15. Are <sup>1</sup> 16. Is the 17. Was	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		No NA NA NA		
14. Are a 15. Are v 16. Is the 17. Was 18. Are i	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		No NA NA		
<ul> <li>14. Are a</li> <li>15. Are a</li> <li>16. Is the</li> <li>17. Was</li> <li>18. Are a</li> <li>19. Is the</li> </ul>	Container aqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? a appropriate volume/weight or number of sample contain		No NA NA NA Yes		
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Date

envirotech Inc.

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Page 1 of 2 Chain of Custody **Project Information** Bill To TAT **EPA Program** Client: TCPROCK Lab Use Only Project: Lacuson HIG 3D Standard CWA SDWA Job Number 1D 2D Attention: Lab WO# E 304207 ESS Project Manager: Natalie Gladden 2004(0-000) 2724 NW COUNTY ROAD X Address: Address: RCRA City, State, Zip HOBBS, NM 88240 Analysis and Method Phone: 575-393-9048 City, State, Zip State Phone: EMAIL TO: Natalie@energystaffingllc.com DRO/ORO by 8015 GRO/DRU by SU15 NM CO UT AZ TX Email: Dakoatah@energystaffingllc.com Chloride 300.0 BTEX by 8021 WN VQC by 8260 Metals 6010 × × Report due by: RGDOC lab BGDOC Time Date No. of . Remarks Matrix Sample ID Containers Sampled Sampled wampa 5 SW × 00126123 Received extra 2-2 SW 2 Sw agreed Page 31 of 32 4 - 2' Sw 5-2' Sw 4128/23 CC 6-2 Sw 1.0 Sw SEU 0 Sw 10 - 2' × 04/26/23 Sa Additional Instructions: Samples requiring thermal preservation must be received on ice the day they are sampled or received (field sampler), attest to the validity and authenticity of this sample. Lam aware that tampering with or intentionally mislabelling the sample location, temp above 0 but less than 6 °C on subsequent day Sampled by: Juan Solis date or time of collection is considered fraud and may be grounds for legal action. Relinquished by (Signature) Date Received by: (Signa)(Tee) Date als Use Ombi Turne 4:27.23 1330 04126123 Mille Juch Solis Received on la Relinquished by: (Signature) Received by: (Signature) Date 1800 4-27-23 Miso 7:00 Misso W.G. Illennio C HICKPAU Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Received by OCD

5/22/2024 10:23:53

AM

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

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

Project Information Chain of Custod	Page 2 of 2
Client: Tap Roch Project: Jackson #16 Project Manager: Natalie Gladden Address: 2724 NW COUNTY ROAD City, State, Zip HOBBS, NM 88240	Lab Use Only     TAT     EPA Program       Lab WO#     Job Number     1D     2D     3D     Standard     CWA     SDWA       E 30 4207     200 40 0000     X        RCRA
City, State, Zip     Phone: 575-393-9048       Phone:     EMAIL TO: Natalie@energystaffingllc.com       Email:     Dakoatah@energystaffingllc.com       Time     Date	CHIOR DY 8021 BTEX by 8021 BTEX by 8021 VOC by 8260 Metals 5010 Chioride 300.0 B600C TX B600C TX B600C TX
Note: SampledNatrixSample IDNumberSampledMatrixContainersSample IDNumber $0426123$ $5$ $1$ $5\omega$ $11 - 2'$ $11$ $1$ $1$ $1$ $5\omega$ $12 - 2'$ $12$	CO/OJOJO Remarks Remarks Remarks Remarks
	of 32
Gulizenzo 5 1 Sw 16 - 2' 10	Pade 32
151 SW7-2'	X 201 4/2863
Additional Instructions: I, (field sampler), attest to the validity and authenticity of this sample. Lam aware that tampering with or intentionally mislabelling the sam date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Juan Solis	iple location, Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an eve temp above 0 but less than 6 °C on subsequent days.
Relinquished by: (Signature) Date 4-27:23 Time Received by: (Signature) Date 4-27:23 (745 Address Moss 4-2	1.23 Time 1.23 1/330 Received on life (1) (1) 1.23 1/800 11 T2 112
Adden mass 27.23 2330 June 2020 4/24	123 Time 7:00 AVG Remp <sup>®</sup> C 40 ner Type: e-plass, p-poly/plastic, ag - amber glass, y - VOA

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

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

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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: E310275

Job Number: 20046-0001

Received: 10/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/30/23

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: 10/30/23

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,



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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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

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

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum	mar y		
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.
P 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.
P 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.



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	• Comp 1 - 2	•			
		E310275-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/27/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		90.9 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2343121
Chloride	150	20.0	1	10/27/23	10/28/23	

### **Sample Data**

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	P Comp 2 - 4	•			
	-	E310275-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/27/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		83.5 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: BA		Batch: 2343121
Chloride	91.0	20.0	1	10/27/23	10/28/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SF	P Comp 3 - 4	.*			
		E310275-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/27/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		96.0 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	205	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SI	P Comp 4 - 4	•			
		E310275-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		90.2 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	35.8	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SI	P Comp 5 - 4	.*			
		E310275-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/27/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/27/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/27/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		88.5 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	77.6	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SI	P Comp 6 - 6	•			
		E310275-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-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	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	10/27/23	10/27/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		93.3 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2343121
Chloride	145	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SI	P Comp 7 - 6	•			
		E310275-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		102 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	220	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SI	P Comp 8 - 6	; <b>'</b>			
		E310275-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		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	
Surrogate: n-Nonane		101 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	34.7	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SI	P Comp 9 - 6	•			
		E310275-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		97.7 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: BA		Batch: 2343121
Chloride	82.7	20.0	1	10/27/23	10/28/23	

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Tap Rock	Project Name	e: Jack	ason 16			
7 W. Compress Road	Project Numb	ber: 2004	46-0001			Reported:
Artesia NM, 88210	Project Mana	iger: Nata	alie Gladden			10/30/2023 5:06:39PM
	SI	P Comp 10 - (	6'			
		E310275-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		99.0 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2343121
Chloride	34.5	20.0	1	10/27/23	10/28/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	• Comp 11 - (	6'			
		E310275-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	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	
Surrogate: n-Nonane		101 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2343121
Chloride	157	20.0	1	10/27/23	10/28/23	



		ampic D	aia			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	Comp 12 - 0	5'			
		E310275-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RKS		
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	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		104 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	159	20.0	1	10/27/23	10/28/23	



	N N	sampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Num Project Mana	ber: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	S		5'			
		E310275-13	-			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
urrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		105 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	218	20.0	1	10/27/23	10/28/23	

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	son 16 46-0001			
	01		ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	S	P Comp 14 - (	5'			
		E310275-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
-Xylene	ND	0.0250	1	10/27/23	10/28/23	
,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2343115
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
urrogate: n-Nonane		107 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	82.1	20.0	1	10/27/23	10/28/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	• Comp 15 - (	6'			
		E310275-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Total Xylenes	ND	0.0250	1	10/27/23	10/28/23	
urrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2343115	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/28/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/28/23	
Surrogate: n-Nonane		112 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2343121
Chloride	41.5	20.0	1	10/27/23	10/28/23	

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5	r: 2004	46-0001			<b>Reported:</b> 10/30/2023 5:06:39PM
SP	Comp 16 - (	5'			
-	E310275-16				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	:: RKS		Batch: 2343120
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0500	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
	95.5 %	70-130	10/27/23	10/28/23	
mg/kg	mg/kg	Analyst: RKS			Batch: 2343120
ND	20.0	1	10/27/23	10/28/23	
	90.2 %	70-130	10/27/23	10/28/23	
mg/kg	mg/kg	Analys		Batch: 2343115	
ND	25.0	1	10/27/23	10/28/23	
ND	50.0	1	10/27/23	10/28/23	
	89.4 %	50-200	10/27/23	10/28/23	
mg/kg	mg/kg	Analys	:: BA		Batch: 2343121
163	20.0	1	10/27/23	10/28/23	
	Project Name: Project Numbe Project Manage SP Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Jack           Project Number:         2004           Project Manager:         Nata           SP Comp 16 - 0         E310275-16           E310275-16         Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           90.2 %         mg/kg           MD         25.0           ND         50.0           89.4 %         mg/kg           mg/kg         mg/kg	Project Number:       20046-0001 Natalie Gladden         SP Comp 16 - 6' E310275-16         Reporting Result         Limit       Dilution         mg/kg       mg/kg       Analyst         ND       0.0250       1         ND       20.0       1         90.2 %       70-130       1         90.2 %       70-130       1         0       mg/kg       mg/kg       Analyst         ND       25.0       1       1         ND       50.0       1       1         ND       50.0       1       1 </td <td>Image         Image         <th< td=""><td>Project Name:         Jackson 16           Project Number:         20046-0001           Project Manager:         Natalie Gladden           SP Comp 16 - 6'           E310275-16           Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS         V           ND         0.0250         1         10/27/23         10/28/23           ND         20.0         1         10/27/23         10/28/23           MD</td></th<></td>	Image         Image <th< td=""><td>Project Name:         Jackson 16           Project Number:         20046-0001           Project Manager:         Natalie Gladden           SP Comp 16 - 6'           E310275-16           Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS         V           ND         0.0250         1         10/27/23         10/28/23           ND         20.0         1         10/27/23         10/28/23           MD</td></th<>	Project Name:         Jackson 16           Project Number:         20046-0001           Project Manager:         Natalie Gladden           SP Comp 16 - 6'           E310275-16           Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS         V           ND         0.0250         1         10/27/23         10/28/23           ND         20.0         1         10/27/23         10/28/23           MD



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	P Comp 17 - 0	6'			
		E310275-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
p,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		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	
Surrogate: n-Nonane		94.0 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	166	20.0	1	10/27/23	10/28/23	

	56	mpic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	Comp 18 - (	6'			
		E310275-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/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	
Surrogate: n-Nonane		93.5 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	69.4	20.0	1	10/27/23	10/28/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	• Comp 19 - (	6'			
		E310275-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2343120
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		89.1 %	50-200	10/27/23	10/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343121
Chloride	159	20.0	1	10/27/23	10/28/23	

Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001			
	ci. Inata	alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
SP	Comp 20 - 0	5'			
	E310275-20				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: RKS		Batch: 2343120
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
ND	0.0500	1	10/27/23	10/28/23	
ND	0.0250	1	10/27/23	10/28/23	
	95.7 %	70-130	10/27/23	10/28/23	
mg/kg	mg/kg	Analys	Batch: 2343120		
ND	20.0	1	10/27/23	10/28/23	
	90.9 %	70-130	10/27/23	10/28/23	
mg/kg	mg/kg	Analys	st: JL		Batch: 2343115
ND	25.0	1	10/27/23	10/28/23	
ND	50.0	1	10/27/23	10/28/23	
	89.3 %	50-200	10/27/23	10/28/23	
mg/kg	mg/kg	Analys	st: BA		Batch: 2343121
81.3	20.0	1	10/27/23	10/28/23	
	Result mg/kg ND ND ND ND ND MD mg/kg ND ND ND ND	E310275-20           Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           MD         0.0250           MD         20.0           90.9 %         mg/kg           MD         25.0           ND         50.0           89.3 %         mg/kg           mg/kg         mg/kg	Reporting Result         Reporting Minit         Dilution           mg/kg         mg/kg         Analys           ND         0.0250         1           MD         0.0250         1           MD         20.0         1           MD         20.0         1           MD         20.0         1           MD         20.0         1           MD         25.0         1           ND         50.0         1           ND         50.0         1           ND         50.200         1	F310275-20         Reporting         Result       Limit       Dilution       Prepared         mg/kg       mg/kg       Analyst: RKS         ND       0.0250       1       10/27/23         ND       20.00       1       10/27/23         mg/kg       mg/kg       Analyst: J         ND       20.0       1       10/27/23         mg/kg       mg/kg       Analyst: J         ND       25.0       1       10/27/23         ND       25.0       1       10/27/23         ND       50.0       1       10/27/23         ND       50.0       1       10/27/23         ND       50.200	F310275-20         Reporting         Result       Limit       Dilution       Prepared       Analyzed         mg/kg       mg/kg       Analyst: RKS       Image       Analyzed         ND       0.0250       1       10/27/23       10/28/23         mg/kg       mg/kg       Analyst: RKS       Image       Image         MD       20.0       1       10/27/23       10/28/23         MD       20.0       1       10/27/23       10/28/23         MD       25.0       1       10/27/23       10/28/23         ND       50.

	56	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	Comp 21 - 0	6'			
	-	E310275-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	10/27/23	10/28/23	
-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2343116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Gurrogate: n-Nonane		74.7 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343122
Chloride	181	20.0	1	10/27/23	10/28/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	Comp 22 - 0	6'			
		E310275-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
urrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg mg/kg Analyst: JL		t: JL		Batch: 2343116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		77.3 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2343122
Chloride	163	20.0	1	10/27/23	10/28/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 2004	son 16 46-0001 ılie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	Comp 23 - (	5'			
	]	E310275-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2343116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		77.7 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: BA		Batch: 2343122
Chloride	180	20.0	1	10/27/23	10/28/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/30/2023 5:06:39PM
	SP	Comp 24 - 0	5'			
	]	E310275-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	10/27/23	10/28/23	
o,m-Xylene	ND	0.0500	1	10/27/23	10/28/23	
Fotal Xylenes	ND	0.0250	1	10/27/23	10/28/23	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: RKS		Batch: 2343119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/23	10/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	10/27/23	10/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2343116
Diesel Range Organics (C10-C28)	ND	25.0	1	10/27/23	10/27/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/27/23	10/27/23	
Surrogate: n-Nonane		76.9 %	50-200	10/27/23	10/27/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2343122
Chloride	93.0	20.0	1	10/27/23	10/28/23	



## QC Summary Data

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Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson 16 0046-0001 atalie Gladden					<b>Reported:</b> 10/30/2023 5:06:39PM
Antosia IVIVI, 86210		, ,		by EPA 802					
		volatile O	rgames i	UY EFA 002	ID				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2343119-BLK1)							Prepared: 1	0/27/23	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: 1	0/27/23	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			
p-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:	E310276-0	06	Prepared: 1	0/27/23	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			
p-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: 1	0/27/23	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	
p-Xylene	5.31	0.0250	5.00	ND	106	63-131	1.93	20	
5									
p,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	1.79	20	
-		0.0500 0.0250	10.0 15.0	ND ND	106 106	63-131 63-131	1.79 1.84	20 20	



## QC Summary Data

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	Project Name: Project Number: Project Manager:	20	0046-0001	1				<b>Reported:</b> 10/30/2023 5:06:39PM		
	, 0							Analyst: RKS		
	Reporting	Spike	Source		Rec		RPD			
Result	Limit	Level	Result	Rec	Limits	RPD	Limit			
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
						Prepared: 1	0/27/23	Analyzed: 10/27/23		
ND	0.0250									
ND										
ND	0.0250									
ND	0.0250									
ND	0.0500									
ND	0.0250									
7.50		8.00		93.8	70-130					
					Prepared: 10/27/23 Analyzed: 10/27/23					
4.79	0.0250	5.00		95.9	70-130					
4.68	0.0250	5.00		93.5	70-130					
4.83	0.0250	5.00		96.7	70-130					
4.80	0.0250	5.00		96.0	70-130					
9.67	0.0500	10.0		96.7	70-130					
14.5	0.0250	15.0		96.5	70-130					
7.60		8.00		95.1	70-130					
			Source:	E310275-	02	Prepared: 1	0/27/23	Analyzed: 10/27/23		
4.83	0.0250	5.00	ND	96.6	54-133					
4.70	0.0250	5.00	ND	94.0	61-133					
4.87	0.0250	5.00	ND	97.4	61-130					
4.84	0.0250	5.00	ND	96.8	63-131					
9.72	0.0500	10.0	ND	97.2	63-131					
14.6	0.0250	15.0	ND	97.1	63-131					
7.68		8.00		95.9	70-130					
			Source:	E310275-	02	Prepared: 1	0/27/23	Analyzed: 10/27/23		
4.95	0.0250	5.00	ND	99.0	54-133	2.45	20			
4.82	0.0250	5.00	ND	96.3	61-133	2.42	20			
4.99	0.0250	5.00	ND	99.9	61-130	2.51	20			
4.95	0.0250	5.00	ND	99.0	63-131	2.29	20			
9.97	0.0500	10.0	ND	99.7	63-131	2.45	20			
	mg/kg ND ND ND ND ND ND 7.50 4.79 4.68 4.83 4.80 9.67 14.5 7.60 4.83 4.80 9.67 14.5 7.60 4.83 4.80 9.67 14.5 7.60 4.83 4.83 4.70 4.83 4.70 4.83 4.70 4.83 4.70 4.83 4.83 4.70 4.83 4.97 4.84 9.72 14.6 7.68	Project Name: Project Number: Project Manager:           Volatile O           Result mg/kg         Reporting Limit mg/kg           ND         0.0250           7.60	ND         0.0250           S.00         4.68           0.0250         5.00           4.83         0.0250         5.00           4.83         0.0250         5.00           4.83         0.0250         5.00           4.83         0.0250         5.00           4.83         0.0250         5.00           4.87         0.0250         5.00           4.87         0.0250         5.00           9.72         0.0500         10.0           14	Project Name: Project Number: Project Manager:         Jackson 16 20046-0001 Natalie Gladder           Volatile Organics by EPA 802           Result         Spike Limit         Spike Level         Source Result           mg/kg         mg/kg         mg/kg         mg/kg           ND         0.0250 ND         mg/kg         mg/kg           ND         0.0250 ND         0.0250 ND         ND           ND         0.0250 ND         0.0250 ND         ND           7.50         8.00	Project Name:         Jackson 16           Project Number:         20046-0001           Project Manager:         Natalie Gladden           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec           mg/kg         mg/kg         mg/kg         mg/kg         %           ND         0.0250	Project Name:         Jackson 16           Project Number:         20046-0001           Project Manager:         Natalie Gladden           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec         Limits           mg/kg         mg/kg         mg/kg         mg/kg         %         %           ND         0.0250              A:79         0.0250         5.00         95.9         70-130           4:83         0.0250         5.00         96.7         70-130           4:83         0.0250         5.00         96.7         70-130           4:83         0.0250         5.00         96.7         70-130           7.60         <	Project Name: Project Number:         Jackson 16 20046-0001 Project Manager:         Natalie Gladden           Volatile Organics by EPA 8021B         Reporting Limit         Spike Level         Source Result         Rec Limits         Rep %         %         %           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %           ND         0.0250 ND         0.0250 ND         ND         0.0250 ND         ND         Prepared: 1           1         1         0.0250 ND         0.0250 ND         ND         93.8         70-130           1         4.79         0.0250 ND         5.00         95.9         70-130           1         4.79         0.0250 ND         5.00         96.7         70-130           4.68         0.0250 ND         5.00         96.7         70-130           4.68         0.0250         5.00         96.7         70-130           4.80         0.0250         5.00         96.7         70-130           4.83         0.0250         5.00         96.5         70-130           7.60         8.00         95.1         70-130           7.60         8.00         95.1         70-130           4.8	Project Name:         Jackson 16           Project Number:         20046-0001           Project Manager:         Natalie Gladden           Volatile Organics by EPA 8021B           Result         Reporting Limit         Spike Level         Source Result         Rec         Limit RPD         RPD         Limit Limit           mg/kg         mg/kg         mg/kg         %         %         %         %           ND         0.0250         ND         0.0250          Prepared: 10/27/23         /           ND         0.0250         ND         0.0250          Prepared: 10/27/23         /           10         0.0250         ND         0.0250          Prepared: 10/27/23         /           10         0.0250         ND         0.0250          Prepared: 10/27/23         /           4.79         0.0250         5.00         95.9         70-130             4.43         0.0250         5.00         96.7         70-130             7.60         8.00         95.7         70-130              4.43         0.0250         5.00         ND		



## **QC Summary Data**

		QU D		ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 20046-0001 Natalie Gladden					<b>Reported:</b> 10/30/2023 5:06:39PM
	No	nhalogenated O	Organics	by EPA 801	5D - GI	RO			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: 1	0/27/23 A	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: 1	0/27/23 A	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: E	310276-	06	Prepared: 1	0/27/23 A	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: E	310276-	06	Prepared: 1	0/27/23 A	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**

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Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 20046-0001 Natalie Gladden					<b>Reported:</b> 10/30/2023 5:06:39PM
7 Heshi 111, 00210	No	nhalogenated C			5D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2343120-BLK1)							Prepared: 1	0/27/23 A	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: 1	0/27/23 A	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: E	310275-	02	Prepared: 1	0/27/23 A	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: E	310275-	02	Prepared: 1	0/27/23 A	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**

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Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson 16 0046-0001 atalie Gladden					<b>Reported:</b> 10/30/2023 5:06:39PM
	Nonha	alogenated Orga	anics 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: 1	0/27/23 A	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: 1	0/27/23 A	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: <b>F</b>	310275-	07	Prepared: 1	0/27/23 A	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: <b>F</b>	2310275-	07	Prepared: 1	0/27/23 A	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**

		QC D		ing Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson 16 0046-0001 fatalie Gladden					<b>Reported:</b> 10/30/2023 5:06:39PM
	Nonh	alogenated Org	anics 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 A	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 A	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: F	310274-	01	Prepared:	10/27/23 A	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: E	310274-	01	Prepared:	10/27/23 A	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**

Rec Rec Limits	RPD	RPD	10/30/2023 Analys	borted: 3 5:06:39PM t: BA
Rec Limits	RPD		Analys	
Rec Limits	RPD			t: BA
Rec Limits	RPD			
0/ 0/		Limit		
70 70	%	%		Notes
	Prepared:	10/27/23	Analyzed: 1	10/28/23
	Prepared:	10/27/23	Analyzed:	10/28/23
96.3 90-110				
310275-01	Prepared:	10/27/23	Analyzed:	10/28/23
98.9 80-120				
310275-01	Prepared:	10/27/23	Analyzed:	10/28/23
98.7 80-120	0.138	20		
31 31	10275-01           98.9         80-120           10275-01	%         %           %         %           Prepared:         Prepared:           96.3         90-110           10275-01         Prepared:           98.9         80-120           10275-01         Prepared:	Rec         Limits         RPD         Limit           %         %         %         %           %         %         %         %           Prepared:         10/27/23            96.3         90-110             10275-01         Prepared:         10/27/23           98.9         80-120             10275-01         Prepared:         10/27/23	Rec         Limits         RPD         Limit           %         %         %         %           %         %         %         %           Prepared:         10/27/23         Analyzed:           96.3         90-110         Prepared:         10/27/23           98.9         80-120         Prepared:         10/27/23           910275-01         Prepared:         10/27/23         Analyzed:



### **QC Summary Data**

		$\mathbf{x} \in \mathbb{S}$			~				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson 16 20046-0001 Vatalie Gladder	1				<b>Reported:</b> 10/30/2023 5:06:39PI
		Anions	by EPA	300.0/90564	۸				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2343122-BLK1)							Prepared: 1	0/27/23	Analyzed: 10/28/23
Chloride	ND	20.0							
LCS (2343122-BS1)							Prepared: 1	0/27/23	Analyzed: 10/28/23
Chloride	247	20.0	250		98.7	90-110			
Matrix Spike (2343122-MS1)				Source:	E310275-2	21	Prepared: 1	0/27/23	Analyzed: 10/28/23
Chloride	427	20.0	250	181	98.4	80-120			
Matrix Spike Dup (2343122-MSD1)				Source:	E310275-2	21	Prepared: 1	0/27/23	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.



Т	ap Rock	Project Name:	Jackson 16	
7	W. Compress Road	Project Number:	20046-0001	Reported:
A	artesia NM, 88210	Project Manager:	Natalie Gladden	10/30/23 17:06

ND Analyte NOT DETECTED at or above the	e 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

Page \_ \_ of \_ 3

Released to	Project Ir	nformation
Imaging: 6/13/2024 3:20:26 PM	Project:	
2024	Email:	
33	Report o	T
20:2	Time Sampled	Date Sampled
6 <b>P</b> M		10/25/23
		+

۰.

Client: 7	lient: Elkock			1	Bill	То		Lab Use Only								TAT EPA Progra						
Proiect:	Lekson	16			1 they	Atten	tion: ENERGY ST	AFFING SERVI	CES	Lab	WO#	1.14		Job			1D	2D	3D	Standard	CWA	SDWA
Project N	Aanager:	Jata	lie		1.		ss: 2724 NW CO			E	3/0	27	5			0001						
Address:					1 And	City, S	itate, Zip HOB	BS, NM 88240						Analy	sis ar	nd Metho	d			198.58	4	RCRA
City, Stat	e, Zip						2: 575-393-9048													5. 10. 10.	Chat	
Phone:					V.S.R.	Email	NATALIE@ENER	GYSTAFFINGLLO	COM	015	015									NINAL C	State	
Email:				ter il la millenne di			BRITTNEY@ENE	RGYSTAFFINGLI	.C.COM	by 8015	by 8	021	60	10	00.0		Σ	XI				
Report d	ue by:				19,41				Contraction of the local distribution of the	DRO	ORO	oy 8(	y 82	s 60.	de 3			1.000		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	)				Lab Number	DRO/ORO t	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remar	ks
_	10/25/23	5	1	SP	Cont	>	- 2'										×					
		$\langle$		SP	Com	2	- 4'		2								1	-				
		)		SP	Conf	> 3	~ 4'		3								4					
				SP	Conf	4	- 4'		4													
				SP	ConP	5	i - 4'		5								V					
				58	Comp	6	- 6'		6								$\Lambda$	1				
				50	Cont	7	- 6'		7													
				SP	Com	8	- 6'		8													
		ę	)	SP	Cont	2 9	- C'		9								1					
	10/23/23	5	1	SB	Com	o (	0-6'	1111	10								1	<				
Additio	nal Instruc	tions:																				
							at tampering with or int	entionally mislabelli	ng the sampl	e locat	tion,									ceived on ice the 5 °C on subseque		impled or receiv
	e of collection ned by: (Signa		Date		Time		Received by: (Signatu		Date		Time	2		235	a an		Sec. C	Labl	Jse Or	ly		3.18.1
	501:5	aturej		125127		1	Michel	Cent	10:26	23	10	240	2	Red	eive	d on ice	: (	DI	N			
	hed by: (Sign	ature) 1	Dat	20.0	Time		Received by: (Signatu	ire)	Date		Time			a star								
Mid	ule l	luk	- 10	Led3	161	5	1 Bolen	NU 350	10.20	.23	1	173	0	T1	105	1	<u>T2</u>	10 × 1	25.0	<u>T3</u>	1999 - 1999 -	<u>-</u>
Relinquis	hed by: (Signa		Dat	.26.23	Time		Received by: Aignati	Man	Date 10.27	.73	Time	:/5	5	AV	G Tei	mp°C_	4					1
Sample Ma	atrix: S - Soil, So	d Solid Sa	Sludge A -	Aqueous O -	Other	-	man.		Containe	er Typ	be:g-	glass	5, p -	poly/	olasti	c, ag - an	iber g	lass, v	- VOA			
Note: Sar	noles are disc	carded 30	davs after r	esults are re	eported unl	ess othe	r arrangements are n	nade. Hazardous	samples wi	ll be re	eturne	ed to c	lient	or disp	osed	of at the o	lient e	xpens	e. The	report for the	analysis of	the above
samples i	s applicable o	only to tho	se samples	received by	the laborat	tory with	this COC. The liabilit	y of the laborator	is limited	to the	amou	unt pa	id for	on the	repo	rt.						
														all me					0	1851 (M. 18)		C:

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**Project Information** 

lient. 1	copput					Bill To		1363	1	La	ab Us	se Or	nly				TA	T		EPA P	rogram
	Lec. Co	16,	1.		Charles and	Attention: ENERGY STAFFING SI	ERVICES	Lab	WO#			Job	Numb		1D		3D	Sta	ndard	CWA	SDWA
roject N	lanager:	Vata	alie		1000	Address: 2724 NW COUNTY RD		E3	510	27	5			0001	1	X					- DODA
ddress:					in the second	City, State, Zip HOBBS, NM 882	240					Anal	ysis and	Metho	d						RCRA
ity, Stat	e, Zip					Phone: 575-393-9048												L		<u></u>	1
one:						Email: NATALIE@ENERGYSTAFFIN	IGLLC.COM	015	015									H		State	TTY
nail:						BRITTNEY@ENERGYSTAFFI	NGLLC.COM	oy 8(	oy 8(	21	00	0	0.00		WN			H	NM CO	UTAZ	
eport d	ue by:		201000000000000000000000000000000000000		A STAN			NO I	ROI	y 80	y 82(	601	de 3(			TX		-	X		
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	
	10/25/29	5	l	58	Com	11 - 6'	11								X						
	/	/	$($	SP	Conp	12 - 6'	12								4						
	$\langle$			50	Comp	13 - 6'	13												9		
				58	Conp	14 - 6'	14								1						
				58	Corp	15 - 6'	15					_									
				58	CONP	16 - 6'	10														
				SP	Comp	17 - 6'	17					_									
				50	Com	18_ 6'	18	-			_										
		l		SP	Comp	19 - G'	19			-		_									
	10125/23	S	1	SP	Cont	20-6'	20								17						
dditior	al Instruc	tions:																			
				nticity of this sa may be groun		aware that tampering with or intentionally mis	labelling the samp	le locat	tion,										on ice the day subsequent d		pled or receive
linquish	ed by: (Sign:		Dat		Time	Received by: (Signature)	Date	23	Time	24	D	Re	ceived	on ice:	1000	Lab U	Jse Oi N	nly			
Relinquished by: (Signature) Date Date Time Received by: (Signature) Date Dollar Time Received by: (Signature) Date Dollar Dolla						Date 60.21		Time	173	2	T1			<u>T2</u>				<u>T3</u>			
Relinquished by: (Signature) Date Time Received by: (Signature)						L 10.27	-23		e 7:1	5	AV	G Terr	np °C	4							
amole Ma	triv: S . Soil S	d - Solid Se	- Sludge A -	Aqueous Q -	Other		Contain	er Typ	be:g-	- glass	s, p -	poly/	plastic,	ag - am	ber g	lass, v	- VOA	4			
lote: San	poles are dise	carded 30	davs after r	esults are re	ported unle	ess other arrangements are made. Hazar	dous samples w	ll be r	eturne	ed to d	client	or dis	posed o	f at the c	lient e	xpens	e. The	repor	t for the ar	alysis of th	ie above
amples is	applicable o	only to tho	se samples	received by	the laborat	ory with this COC. The liability of the labo	ratory is limited	to the	amou	unt pa	id for	on th	e report								C

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

0		1 6			1.00
Pro	ect	101	orn	nd	lion

Client: TOP ROCK

City, State, Zip

Report due by:

Address:

Phone:

Email:

Time

Sampled

Project: JCCKSON 16

Date

Sampled

10/25123

1012513

Additional Instructions:

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinguished by: (Signature)

Celly

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

holder mosso

Jun 501.5

Michele K

No. of

Containers

date or time of collection is considered fraud and may be grounds for legal action.

Date

Date

Date

10/25/23

10-26-23

10.7.6.23

Sample ID

50

56

50

Matrix

5

5

Project Manager: Natalie

Released

0

Imagin

20:26

PM

Chain of Custody

Lab

Number

20

22

23

74

Lab WO#

GRO/DRO by 8015 DRO/ORO by 8015

BTEX by 8021

**Bill To** Attention: ENERGY STAFFING SERVICES

Email: NATALIE@ENERGYSTAFFINGLLC.COM

HOBBS, NM 88240

BRITTNEY@ENERGYSTAFFINGLLC.COM

Address: 2724 NW COUNTY RD

City, State, Zip

Phone: 575-393-9048

21-6

Conp 22 - C' Conp 23 - C'

CUMP 24 - 6

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location,

Time

Time

1615

2320

Page 3 of 3

TAT **EPA** Program Lab Use Only 3D Standard CWA SDWA 1D 2D Job Number 20046.000 x F3/0275 RCRA Analysis and Method State NM CO UT AZ TX Chloride 300.0 WN VOC by 8260 Metals 6010 X × BGDOC BGDOC Remarks  $\checkmark$ 

Samples requiring thermal preservation must be received on ice the day they are sampled or received

**T**3

packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

YIN

Received on ice:

AVG Temp °C\_

Lab Use Only

×

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

# Page 404 of 699

Page 41 of 42

Date De-23

10.26.23

10-27-23

Date

Juca 501:3

My Yoo

Sampled by:

Received by: (Signature)

Mallelan

Received by: (Signature)

Received by: (Stenature)

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

1240

1730

8:15

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	ate Received:	10/27/23 08	:15	Work Order ID: E310275
Phone:	(575) 390-6397 Da	ate Logged In:	10/26/23 18	:03	Logged In By: Caitlin Mars
Email:		ue Date:	10/30/23 17	:00 (1 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requested	l analyses?	No		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample '	<u> Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC
Sample (	<u>Cooler</u>				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was tl	he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13 Ifno	visible ice, record the temperature. Actual sample ter	nnerature: 4º	'C		
		nperuture. <u>1</u>	<u> </u>		
	Container_ iqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	field sample labels filled out with the minimum inform	ation:			
S	Sample ID?		Yes		
	Date/Time Collected?		Yes		
	Collectors name?		No		
-	Preservation the complex wave mass	ch or mu	N		
	the COC or field labels indicate the samples were prese	rveu?	No NA		
	ample(s) correctly preserved? b filteration required and/or requested for dissolved meta	169	NA		
	• •	115 (	No		
	ase Sample Matrix				
	the sample have more than one phase, i.e., multiphase?		No		
	s, does the COC specify which phase(s) is to be analyzed	u <i>r</i>	NA		
	ract Laboratory		2.1		
	amples required to get sent to a subcontract laboratory?		No		
111 W/og /	a subcontract laboratory specified by the client and if so	who?	NA S	Subcontract Lab	n na

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

Date



envirotech Inc.



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

oucheen re

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,



Page 407 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

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

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum	mary		
Tap Rock		Project Name:	Jackson 16		Reported:
7 W. Compress Road		Project Number:	20046-0001 Natalia Claddar		10/21/22 14:56
Artesia NM, 88210		Project Manager:	Natalie Gladden		10/31/23 14:56
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.



	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	• Comp 25 - (	5'			
		E310287-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,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		95.7 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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		87.8 %	50-200	10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344008
Chloride	90.0	20.0	1	10/30/23	10/31/23	

## Sample Data



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 26 - 0	6'			
	]	E310287-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	Analys	t: 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	Analys	:: 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	Analys	t: BA		Batch: 2344008
Chloride	48.9	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 27 - 0	5'			
		E310287-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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		89.2 %	50-200	10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2344008
Chloride	76.9	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	P Comp 28 - 0	6'			
		E310287-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
Benzene	ND	0.0250	1	10/30/23	10/30/23	
thylbenzene	ND	0.0250	1	10/30/23	10/30/23	
oluene	ND	0.0250	1	10/30/23	10/30/23	
-Xylene	ND	0.0250	1	10/30/23	10/30/23	
,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
otal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/30/23	10/30/23	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
'urrogate: n-Nonane		73.5 %	50-200	10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	48.7	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	• Comp 29 - (	6'			
		E310287-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal 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	Analys	t: 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	Analys	t: 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	Analys	t: BA		Batch: 2344008
Chloride	119	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 30 - 0	5'			
		E310287-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,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		95.7 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		94.7 %	50-200	10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	44.4	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PN
	SP	Comp 31 - (	5'			
		E310287-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,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	Analys	st: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2344004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
Surrogate: n-Nonane		81.2 %	50-200	10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344008
Chloride	121	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 32 -	6'			
		E310287-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	Analys	t: 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	Analys	t: 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	Analys	t: BA		Batch: 2344008
Chloride	46.9	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 33 - 0	6'			
		E310287-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Foluene	ND	0.0250	1	10/30/23	10/30/23	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		86.0 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	ND	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
Anesia Nivi, 86210	, ,					10/31/2023 2.30.29FW
		Comp 34 - 2	2'			
		E310287-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal 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	Anal	lyst: 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	Anal	lyst: 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	Anal	lyst: BA		Batch: 2344008
Chloride	43.3	20.0	1	10/30/23	10/31/23	



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Project Numbe	er: 2004	46-0001			<b>Reported:</b> 10/31/2023 2:56:29PM
SP	• Comp 35 - 2	2'			
	E310287-11				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: RKS		Batch: 2344005
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0500	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
	93.7 %	70-130	10/30/23	10/30/23	
mg/kg	mg/kg	Analy		Batch: 2344005	
ND	20.0	1	10/30/23	10/30/23	
	90.0 %	70-130	10/30/23	10/30/23	
mg/kg	mg/kg	Analy		Batch: 2344004	
ND	25.0	1	10/30/23	10/31/23	
ND	50.0	1	10/30/23	10/31/23	
	82.9 %	50-200	10/30/23	10/31/23	
mg/kg	mg/kg	Analy	st: BA		Batch: 2344008
122	20.0	1	10/30/23	10/31/23	
	Project Numb Project Manag SF Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:         2004           Project Manager:         Nata           SP Comp 35 - 2         E310287-11           E310287-11         Reporting           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         0.0250           Mg/kg         mg/kg           Mg/kg         Mg/kg           Mg/kg         St.0           ND         50.0           ND         50.0           ND	Project Number:       20046-0001         Project Manager:       Natalie Gladden         SEDEDESEE         Result       Limit       Dilution         mg/kg       mg/kg       Analy         MD       0.0250       1         ND       20.0       1         mg/kg       mg/kg       Analy         ND       20.0       1         MD       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.0       1         ND       50.200       1         ND       50.200	Project Number: $20046-0001$ Project Manager:       Natalie Gladden         SFComp 35 - 2'       Status         SFComp 35 - 2'       Feasul         SID287-11       Feasul         Result       Limit       Dilution       Prepared         Result       Limit       Dilution       Prepared         MD       0.0250       1       10/30/23         ND       0.0250       1       10/30/23         MD       20.0       1       10/30/23         MD       20.0       1       10/30/23         MD       20.0       1       10/30/23         MD       25.0       1       10/30/23         MD       25.0       1       10/30/23         MD       20.0 <t< td=""><td>Project Number:       <math>20046-0001</math>         Project Manager:       <math>Natalie Gladden</math>         SPComp 35 - 2'         SPComp 35 - 2'         E310287-11         SPComp 35 - 2'         E310287-11         Result       Limit       Dilution       Prepared       Analyzed         MS       Mg/kg       Analyzed       Analyzed       Mod       Analyzed         MD       0.0250       1       10/30/23       10/30/23       10/30/23         ND       0.0250       1       10/30/23       10/30/23       10/30/23         MD       0.0250       1       10/30/23       10/30/23       10/30/23         MD       20.0       1       10/30/23       10/30/23       10/30/23         MD       20.0       1       10/30/23       10/31/23       10/31/23         MD       25.0       1       10/30/23       1</td></t<>	Project Number: $20046-0001$ Project Manager: $Natalie Gladden$ SPComp 35 - 2'         SPComp 35 - 2'         E310287-11         SPComp 35 - 2'         E310287-11         Result       Limit       Dilution       Prepared       Analyzed         MS       Mg/kg       Analyzed       Analyzed       Mod       Analyzed         MD       0.0250       1       10/30/23       10/30/23       10/30/23         ND       0.0250       1       10/30/23       10/30/23       10/30/23         MD       0.0250       1       10/30/23       10/30/23       10/30/23         MD       20.0       1       10/30/23       10/30/23       10/30/23         MD       20.0       1       10/30/23       10/31/23       10/31/23         MD       25.0       1       10/30/23       1

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	sson 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	S	P Comp 36 - 2	2'			
		E310287-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys		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	Analys		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane		83.0 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344008
Chloride	42.5	20.0	1	10/30/23	10/31/23	
Jiionde	42.3	20.0	1	10/30/23	10/51/25	

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Tap Rock 7 W. Compress Road	Project Name: Project Numb		son 16 46-0001			Reported:
Artesia NM, 88210	Project Manag		lie Gladden			10/31/2023 2:56:29PM
	SP	• Comp 37 - (	5'			
		E310287-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
urrogate: n-Nonane		89.1 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	43.7	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 38 - 2	2'			
		E310287-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys		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	Analys	t: JL		Batch: 2344004
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil 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	Analys	t: BA		Batch: 2344008
Chloride	127	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 39 - 2	2'			
		E310287-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		91.9 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2344005		
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	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		85.5 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	50.3	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 40 - 0	5'			
		E310287-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy		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	Analy		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil 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	Analy	st: BA		Batch: 2344008
Chloride	ND	20.0	1	10/30/23	10/31/23	

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Project Name:					D ( )
•					<b>Reported:</b> 10/31/2023 2:56:29PM
Floject Manag	ci. India	the Gladden			10/51/2025 2.50.291 N
SP	Comp 41 - 0	5'			
	E310287-17				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
ND	0.0500	1	10/30/23	10/30/23	
ND	0.0250	1	10/30/23	10/30/23	
	91.1 %	70-130	10/30/23	10/30/23	
mg/kg	mg/kg	cg Analyst: RKS			Batch: 2344005
ND	20.0	1	10/30/23	10/30/23	
	89.9 %	70-130	10/30/23	10/30/23	
mg/kg	mg/kg	Analys	t: JL		Batch: 2344004
ND	25.0	1	10/30/23	10/31/23	
ND	50.0	1	10/30/23	10/31/23	
	90.4 %	50-200	10/30/23	10/31/23	
mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
	Project Name: Project Numbo Project Manag SP SP Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Jack           Project Number:         2004           Project Manager:         Nata           SP Comp 41 - 0         E310287-17           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         20.0           mg/kg         mg/kg           Mg/kg         Mg/kg           ND         25.0           ND         50.0           ND         50.0	Project Number: $20046-0001$ Natalie Gladden         Project Manager: $Natalie Gladden$ SPComp 41 - 6'         E310287-17         Result SI0287-17         Reporting         Result       Limit       Dilution         mg/kg       mg/kg       Analys         ND       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analys         ND       20.0       1         Mg/kg       mg/kg       Analys         ND       25.0       1         ND       50.0       1         ND       50.0       1	I ackson 16         Project Name:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 41 - 6'         Result       Dilution       Prepared         Mg/kg       mg/kg       Analyst: RKS         ND       0.0250       1       10/30/23         ND       0.0250       1       10/30/23         ND       0.0250       1       10/30/23         MD       20.0       1       10/30/23         MD       20.0       1       10/30/23         MD       25.0       1       10/30/23         MD       25.0       1       10/30/23 <tr< td=""><td>I Jackson 16         Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 41 - 6'         E310287-17         Result       Dilution       Prepared       Analyzed         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyst: RKS       In/30/23       10/30/23         ND       0.0250       1       10/30/23       10/30/23         ND       20.0       1       10/30/23       10/30/23         MD       20.0       1       10/30/23       10/30/23</td></tr<>	I Jackson 16         Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 41 - 6'         E310287-17         Result       Dilution       Prepared       Analyzed         Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyst: RKS       In/30/23       10/30/23         ND       0.0250       1       10/30/23       10/30/23         ND       20.0       1       10/30/23       10/30/23         MD       20.0       1       10/30/23       10/30/23

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SI	P Comp 42 - 0	5'			
		E310287-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
Benzene	ND	0.0250	1	10/30/23	10/31/23	
Ithylbenzene	ND	0.0250	1	10/30/23	10/31/23	
oluene	ND	0.0250	1	10/30/23	10/31/23	
-Xylene	ND	0.0250	1	10/30/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/31/23	
urrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys		Batch: 2344005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/31/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2344004	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
urrogate: n-Nonane		82.4 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	ND	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	S	P Comp 43 - (	6'			
		E310287-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
Benzene	ND	0.0250	1	10/30/23	10/31/23	
thylbenzene	ND	0.0250	1	10/30/23	10/31/23	
oluene	ND	0.0250	1	10/30/23	10/31/23	
-Xylene	ND	0.0250	1	10/30/23	10/31/23	
,m-Xylene	ND	0.0500	1	10/30/23	10/31/23	
otal Xylenes	ND	0.0250	1	10/30/23	10/31/23	
urrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	10/30/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344005
asoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/31/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	10/30/23	10/31/23	
onhalogenated 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	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
urrogate: n-Nonane		80.8 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	127	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	r: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 44 - 0	5'			
	]	E310287-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		83.2 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344008
Chloride	46.6	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 45 - 0	6'			
		E310287-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys		Batch: 2344003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2344006		
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/30/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/30/23	
Surrogate: n-Nonane		75.3 %	50-200	10/30/23	10/30/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/31/23	

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Tap Rock	Project Name	e: Jack	ason 16			
7 W. Compress Road	Project Numb	ber: 200	20046-0001			Reported:
Artesia NM, 88210	Project Mana	iger: Nata	alie Gladden			10/31/2023 2:56:29PM
	S	P Comp 46 - (	6'			
		E310287-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
p,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	'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		92.2 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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		78.1 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344007
Chloride	67.0	20.0	1	10/30/23	10/31/23	
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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SI	P Comp 47 - 0	5'			
		E310287-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344003
Benzene	ND	0.0250	1	10/30/23	10/30/23	
Ithylbenzene	ND	0.0250	1	10/30/23	10/30/23	
oluene	ND	0.0250	1	10/30/23	10/30/23	
-Xylene	ND	0.0250	1	10/30/23	10/30/23	
,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
otal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
urrogate: n-Nonane		77.0 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344007
Chloride	124	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SI	P Comp 48 - 8	8'			
		E310287-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane		84.0 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344007
Chloride	48.0	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 49 - 8	8'			
		E310287-25				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal 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	Analy	st: 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	Analy	st: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil 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	Analy	st: BA		Batch: 2344007
Chloride	ND	20.0	1	10/30/23	10/31/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 50 - 1	0'			
	-	E310287-26				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal Xylenes	ND	0.0250	1	10/30/23	10/30/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		83.6 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344007
Chloride	44.6	20.0	1	10/30/23	10/31/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 10/31/2023 2:56:29PM
	SP	Comp 51 - 1	0'			
		E310287-27				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Total Xylenes	ND	0.0250	1	10/30/23	10/30/23	
urrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2344003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/23	10/30/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/30/23	10/30/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/30/23	10/31/23	
Surrogate: n-Nonane		81.5 %	50-200	10/30/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344007
Chloride	120	20.0	1	10/30/23	10/31/23	



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Tap Rock	Project Name		son 16			
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			10/31/2023 2:56:29PM
	SP	Comp 52 - 1	0'			
		E310287-28				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/30/23	10/30/23	
o,m-Xylene	ND	0.0500	1	10/30/23	10/30/23	
Fotal 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	Analys	t: 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	Analys	t: JL		Batch: 2344006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/23	10/31/23	
Dil 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	Analys	t: BA		Batch: 2344007
Chloride	51.8	20.0	1	10/30/23	10/31/23	

# **QC Summary Data**

		QC D		ny Dati	~				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ickson 16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden	l				10/31/2023 2:56:29PM
		Volatile O	rganics <b>b</b>	oy EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344003-BLK1)							Prepared: 1	0/30/23	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: 1	0/30/23	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			
p-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: 1	0/30/23	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: 1	0/30/23	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	
p-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	



# **QC Summary Data**

		QC D	u	iry Date	u.				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson 16 0046-0001 atalie Gladden					<b>Reported:</b> 10/31/2023 2:56:29PM
1 Heshi 1 (1), 00210		, 0		by EPA 802					
		volatile O	games						Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344005-BLK1)							Prepared: 1	0/30/23	Analyzed: 10/30/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,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: 1	0/30/23	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			
p-Xylene	4.62	0.0250	5.00		92.5	70-130			
o,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-	03	Prepared: 1	0/30/23	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			
p-Xylene	4.77	0.0250	5.00	ND	95.4	63-131			
o,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-	03	Prepared: 1	0/30/23	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	
•	4.74	0.0250	5.00	ND	94.8	61-130	0.844	20	
Toluene			5.00	ND	94.8	63-131	0.590	20	
o-Xylene	4.74	0.0250	5.00	ND	24.0	00 101	0.000	20	
	4.74 9.51	0.0250 0.0500	10.0	ND	94.8 95.1	63-131	1.02	20	
p-Xylene									



# **QC Summary Data**

		QC D	uIIIII	aly Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 0046-0001 Jatalie Gladden					<b>Reported:</b> 10/31/2023 2:56:29PM
	Noi	nhalogenated (	Organics	by EPA 801	5D - Gl	RO			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)							Dranarad	10/20/22	Analyzed: 10/30/23
Gasoline Range Organics (C6-C10)	ND	20.0					Flepaleu.	10/30/23	Anaryzeu. 10/30/23
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35	20.0	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: <b>E</b>	310286-0	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: E	310286-0	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**

		QU DI		ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 0046-0001 Jatalie Gladden					<b>Reported:</b> 10/31/2023 2:56:29PM
/ Mesia / Mi, 00210	No	nhalogenated O			5D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344005-BLK1)							Prepared: 1	0/30/23 A	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: 1	0/30/23 A	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: E	310287-	03	Prepared: 1	0/30/23 A	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: E	310287-	03	Prepared: 1	0/30/23 A	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**

		QC D		ing Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson 16 0046-0001 latalie Gladden					<b>Reported:</b> 10/31/2023 2:56:29PM
	Nonha	alogenated Orga	anics 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: 1	.0/30/23 A	nalyzed: 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: 1	0/30/23 A	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: <b>F</b>	310287-	05	Prepared: 1	0/30/23 A	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: E	310287-	05	Prepared: 1	0/30/23 A	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**

		$\mathbf{x} \in \mathbf{z}$		i j Data	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	ckson 16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					10/31/2023 2:56:29PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344006-BLK1)							Prepared: 1	0/30/23 A	nalyzed: 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: 1	0/30/23 A	nalyzed: 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: <b>H</b>	2310286-	04	Prepared: 1	0/30/23 A	nalyzed: 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: I	2310286-	04	Prepared: 1	0/30/23 A	nalyzed: 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**

Jackson 16						
20046-0001 Natalie Gladden						ported: 3 2:56:29PM
EPA 300.0/9056A					Analy	st: BA
	Rec	Rec Limits	RPD			
g/kg mg/kg	%	%	%	%		Notes
			Prepared:	10/30/23	Analyzed:	10/30/23
			Prepared:	10/30/23	Analyzed:	10/30/23
250	98.7	90-110				
Source: F	310253-01		Prepared:	10/30/23	Analyzed:	10/30/23
250 448	94.5	80-120				
Source: E	310253-01		Prepared:	10/30/23	Analyzed:	10/30/23
250 448	98.6	80-120	1.49	20		
	20046-0001 Natalie Gladden EPA 300.0/9056A pike Source evel Result g/kg mg/kg 250 250 250 250 250 448 Source: E	20046-0001           Natalie Gladden           EPA 300.0/9056A           pike         Source           evel         Result         Rec           g/kg         mg/kg         %           250         98.7           Source:         E310253-01           250         448         94.5           Source:         E310253-01	20046-0001 Natalie Gladden         EPA 300.0/9056A         pike       Source       Rec         g/kg       mg/kg       %       %         250       98.7       90-110         Source: E310253-01         250       448       94.5       80-120         Source: E310253-01	20046-0001 Natalie Gladden         EPA 300.0/9056A         pike       Source       Rec         g/kg       mg/kg       %       %         g/kg       mg	20046-0001 Natalie Gladden         EPA 300.0/9056A         pike       Source       Rec       RPD       Limits         pike       Result       Rec       Limits       RPD       Limit         g/kg       mg/kg       %       %       %       %       %         Prepared: 10/30/23         250       98.7       90-110         Source: E310253-01       Prepared: 10/30/23         250       448       94.5       80-120         Source: E310253-01	20046-0001       Natalie Gladden       10/31/202         EPA 300.0/9056A       Analy         pike       Source       Rec       RPD         g/kg       mg/kg       %       %       %         Prepared: 10/30/23       Analyzed:         Prepared: 10/30/23       Analyzed:         Prepared: 10/30/23       Analyzed:         Prepared: 10/30/23       Analyzed:         Source: E310253-01       Prepared: 10/30/23       Analyzed:         Source: E310253-01         Prepared: 10/30/23       Analyzed:



### **QC Summary Data**

		$\mathbf{x} \in \mathbb{S}$	••••••							
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson 16 20046-0001 Natalie Gladder	1				<b>Reported:</b> 10/31/2023 2:56	
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: BA	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPE Limi %		
Blank (2344008-BLK1)							Prepared:	10/30/23	Analyzed: 10/31/	23
Chloride LCS (2344008-BS1)	ND	20.0					Prepared:	10/30/23	Analyzed: 10/31/	23
Chloride	248	20.0	250	Courses	99.4 <b>E310287-</b> (	90-110	Branarad	10/20/22	Analyzed: 10/31/	22
Matrix Spike (2344008-MS1) Chloride	359	20.0	250	76.9	113	80-120	riepaied:	10/30/23	Analyzeu. 10/31/.	23
Matrix Spike Dup (2344008-MSD1)				Source:	E310287-0	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.



ſ	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** 

Page \_ [ of \_ 3

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

: Jawson (6         Manager: Notation: Attention: ENERGY STAFFING SEI         Address: 2724 NW COUNTY RD         S:         ate, Zip         Home:         Date         Matrix         Set         String         Attention: ENERGY STAFFING SEI         Address: 2724 NW COUNTY RD         City, State, Zip         Hobbs, NM 8824         Phone:         575-393-9048         Email: NATALIE@ENERGYSTAFFING         BRITTNEY@ENERGYSTAFFING         BRITTNEY@ENERGYSTAFFING	10 FLLC.COM	Lab ES	wo#	28			lumber	~1	1D		3D	Standard	CWA	CONTA
s:     City, State, Zip     HOBBS, NM 8824       ate, Zip     Phone: 575-393-9048       due by:     BRITTNEY@ENERGYSTAFFING       Date     Matrix     No.of	GLLC.COM	ES	30	28	7	200							Coord	SDWA
s:     City, State, Zip     HOBBS, NM 8824       ate, Zip     Phone: 575-393-9048       due by:     BRITTNEY@ENERGYSTAFFING       Date     Matrix     No.of	GLLC.COM					cu	)40.0	WI		X				
due by:     Email: NATALIE@ENERGYSTAFFING BRITTNEY@ENERGYSTAFFING Date	and the second second second					Analys	sis and M	ethod						RCRA
due by: Date Matrix No. of Sample ID	and the second second second											1.1.1		
Date Matrix No. of Sample ID	GLLC.COM	015	015										State	
Date Matrix No. of Sample ID		oy 8(	oy 80	21	0		0.0		MN				UT AZ	TX
Matrix		ROt	ROt	y 80	826	601	e 30			TX		Y		
I Sampled 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	BGDOC			Remarks	
13/26/23 5 1 SP CONP 25 - 6'	1								$\boldsymbol{\chi}$					
( ( SP Comp 26 - 6'	2								1					
58 conp 27 - 6'	3													
SP conp 28 - 6'	4													
SP CONP 29 - 6'	5													
SP COND 30 - 6'	6													
SP COMP 31 - 6	7													
SP Comp 32 - 4	8												Jacoban San Shining and New York	
SP Comp 33 - 2'	9								1					
6/4/23 5 ( 58 Cons 34 - 2'	10								×					
onal Instructions:														
mpler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislab me of collection is considered fraud and may be grounds for legal action.	Sol $S$	e locati	ion,			1000	17 NE 10		above 0	0 but les	ss than 6	eived on ice the day °C on subsequent d		ed or receiv
shed by: (Signature) Date Time Received by: (Signature) 10/26/23 Willie Coup	Date	23	-	125		Rece	eived on i	ice:		ab Us	e Onl	У		
shed by: (Signature) Date Time Received by: (Signature) Date 1630 Received by: (Signature)	Date 10.27	.23		Boo		<u>T1</u>			<u>T2</u>			<u>T3</u>		
shed by: (Signature) Date Time Received by: (Signature) when misso 10.27.23 2400 Cuth Man	- 10-30	23	Time 8	: 30	>	AVG	Temp °C	: 4	1				in contra	
Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							astic, <mark>ag</mark> -							
imples are discarded 30 days after results are reported unless other arrangements are made. Hazardou is applicable only to those samples received by the laboratory with this COC. The liability of the laborat								ne clier	nt exp	ense.	The re	eport for the an	alysis of the	above

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Pro	ject	Info	rma	tion

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City, Stat						Phone: 575-3														No. DAL	<u>C1.1</u>	
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Note: Sa	moles are di	scarded 30	) days after	r results are	reported u	less other arrange	ments are made. Hazardo	us samples v	vill be r	return	ed to	client o	or dis	posed	of at the	client e	xpens	se. The	e report f	for the an	alysis of th	e above
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samples	is applicable	only to th	ose sampli	es received	by the labor	atory with this COC	2. The liability of the labora	tory is limited	u to the	e amo	unt pa								r		e	•

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0					Other			Contain	er Tv	ne: e	- glas	s. D -	poly,	/plast	ic, ag - an	nber g	lass, 1	- VOA			
Note: Sa	moles are dis	carded 30	days after	results are i	reported u	unless oth	er arrangements are made. Hazar	dous samples w	ill be r	eturn	ed to	client	or dis	posed	of at the	client e	xpens	e. The	report for th	ne analysis of	the above
camples	is applicable	only to the	ose sample:	s received b	by the labo	pratory wi	th this COC. The liability of the labo	ratory is limited	to the	e amo	unt pa	aid for	r on th	ne rep					ro		

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock D	ate Received:	10/30/23 08	8:30	Work Order ID: E310287
Phone:	(575) 390-6397 D	ate Logged In:	10/27/23 15	5:53	Logged In By: Caitlin Mars
Email:		ue Date:	10/31/23 1	7:00 (1 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requested	d analyses?	No	_	
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample 7	Turn Around Time (TAT)				
	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample	· •				client.
	sample cooler received?		Yes		
	was cooler received in good condition?		Yes		
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
•	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re	·	Yes		
	minutes of sampling				
13. If no	visible ice, record the temperature. Actual sample ter	mperature: <u>4°</u>	<u>C</u>		
Sample (	<u>Container</u>				
14. Are a	queous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample container	s collected?	Yes		
Field La					
	field sample labels filled out with the minimum inform Sample ID?	nation:	Yes		
	Date/Time Collected?		Yes	l	
	Collectors name?		No		
Sample 1	Preservation				
21. Does	the COC or field labels indicate the samples were prese	erved?	No		
22. Are s	ample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved met	als?	No		
Multiph:	ase Sample Matrix				
26. Does	the sample have more than one phase, i.e., multiphase?	,	No		
27. If yes	s, does the COC specify which phase(s) is to be analyze	d?	NA		
<u>Subcont</u>	ract Laboratory				
28. Are s	amples required to get sent to a subcontract laboratory?	,	No		
	a subcontract laboratory specified by the client and if so		NA		

0

Date



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







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: E310298

Job Number: 20046-0001

Received: 10/31/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/1/23

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: 11/1/23

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,



Page 453 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

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

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

		Sample Sum	mai y		
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	Jackson 16 20046-0001 Natalie Gladden		<b>Reported:</b> 11/01/23 15:58
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
P COMP 53-4	E310298-01A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 54-4	E310298-02A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 55-4	E310298-03A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 56-4	E310298-04A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 57-4	E310298-05A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 58-4	E310298-06A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 59-4	E310298-07A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 60-4	E310298-08A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 61-4	E310298-09A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 62-4	E310298-10A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 63-4	E310298-11A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 64-4	E310298-12A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 65-4	E310298-13A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 66-4	E310298-14A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 67-4	E310298-15A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 68-4	E310298-16A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 69-4	E310298-17A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 70-4	E310298-18A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 71-4	E310298-19A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.
P COMP 72-4	E310298-20A	Soil	10/27/23	10/31/23	Glass Jar, 2 oz.



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SI	P COMP 53-4	4			
		E310298-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,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	Analy	yst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g 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		91.4 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

## Sample Data

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Tap Rock	Project Name:		son 16 46-0001			
7 W. Compress Road	Project Numbe	Reported:				
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			11/1/2023 3:58:21PM
	SF	P COMP 54-	4			
		E310298-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Fotal Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
Surrogate: n-Nonane		94.8 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		Reported:			
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladden			11/1/2023 3:58:21PM
	SF	P COMP 55-4	4			
		E310298-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		98.1 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: 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		92.6 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SP	P COMP 56-4	4			
		E310298-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Fotal Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.5 %	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	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
Surrogate: n-Nonane		91.1 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001		Reported:	
Artesia NM, 88210	Project Manag	er: Nata	ilie Gladden			11/1/2023 3:58:21PM
	SP	COMP 57-4	4			
	-	E310298-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Fotal Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	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	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
Surrogate: n-Nonane		92.7 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SI	P COMP 58-	4			
		E310298-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	Analys	st: 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	Analys	st: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SP	P COMP 59-4	4			
		E310298-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		99.9 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: 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	10/31/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/23	10/31/23	
Surrogate: n-Nonane		93.8 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SP	P COMP 60-	4			
		E310298-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-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		99.7 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		91.9 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

	50	ampic D	ata			
Tap Rock	Project Name:		son 16 46-0001			
7 W. Compress Road	Project Numbe	Reported:				
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			11/1/2023 3:58:21PM
	SF	P COMP 61-4	4			
		E310298-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		100 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		94.2 %	50-200	10/31/23	10/31/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SF	P COMP 62-	4			
		E310298-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	10/31/23	10/31/23	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
urrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: 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	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

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Tap Rock	Project Name:		son 16 46-0001			
7 W. Compress Road	Project Numbe	Reported:				
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/1/2023 3:58:21PM
	SF	P COMP 63-4	4			
		E310298-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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		100 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		90.5 %	50-200	10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

	56	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SP	P COMP 64-	4			
	-	E310298-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	g 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	
oluene	ND	0.0250	1	10/31/23	10/31/23	
o-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Total Xylenes	ND	0.0250	1	10/31/23	10/31/23	
urrogate: 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		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	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane		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	
		ampic D	aca			
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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SF	P COMP 65-	4			
		E310298-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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	Analys	t: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		87.1 %	50-200	10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

	5	ample D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 alie Gladden	1			<b>Reported:</b> 11/1/2023 3:58:21PM
	, ,	P COMP 66-					
		E310298-14	+				
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	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	
o,m-Xylene	ND	0.0500	1		10/31/23	10/31/23	
Fotal 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	I	Analyst: F	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	I	Analyst: F	ŚM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1		10/31/23	11/01/23	
Dil 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	I	Analyst: I	BA		Batch: 2344028
Chloride	ND	20.0	1		10/31/23	11/01/23	



	3	ample D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
1 Hesta 1 Hi, 60210		11,1,2020 0.000211111				
	51	P COMP 67- E310298-15	+			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Fotal Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2344018
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/23	10/31/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane		93.9 %	50-200	10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



	52	ample D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SP	P COMP 68-	4			
		E310298-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Fotal Xylenes	ND	0.0250	1	10/31/23	10/31/23	
Surrogate: 4-Bromochlorobenzene-PID		99.8 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: 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	Analy	yst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane		95.2 %	50-200	10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 11/1/2023 3:58:21PM
	SI	P COMP 69-	4			
		E310298-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,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		98.7 %	70-130	10/31/23	10/31/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: 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	Anal	lyst: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Dil Range Organics (C28-C36)	ND	50.0	1	10/31/23	11/01/23	
Surrogate: n-Nonane		88.8 %	50-200	10/31/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	



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Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son 16 46-0001			Reported:
Artesia NM, 88210	Project Manage	er: Nata	ilie Gladden			11/1/2023 3:58:21PM
	SP	COMP 70-4	4			
	]	E310298-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
o,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	Analys	st: 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	Analys	st: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Dil 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	Analys	st: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

		<b>Reported:</b> 11/1/2023 3:58:21PM
on Prepared	Analyzed	Notes
nalyst: RKS		Batch: 2344018
10/31/23	10/31/23	
10/31/23	10/31/23	
10/31/23	10/31/23	
10/31/23	10/31/23	
10/31/23	10/31/23	
10/31/23	10/31/23	
10/31/23	10/31/23	
nalyst: RKS		Batch: 2344018
10/31/23	10/31/23	
10/31/23	10/31/23	
nalyst: KM		Batch: 2344024
10/31/23	11/01/23	
10/31/23	11/01/23	
10/31/23	11/01/23	
nalyst: BA		Batch: 2344028
10/31/23	11/01/23	
	nalyst: RKS         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         nalyst: RKS         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23         10/31/23	nalyst: RKS         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         nalyst: RKS       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       10/31/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23         10/31/23       11/01/23



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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe Project Manag		46-0001 alie Gladden			Reported:
Artesia NM, 88210			11/1/2023 3:58:21PM			
	SF	P COMP 72-4	4			
		E310298-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
Foluene	ND	0.0250	1	10/31/23	10/31/23	
p-Xylene	ND	0.0250	1	10/31/23	10/31/23	
o,m-Xylene	ND	0.0500	1	10/31/23	10/31/23	
Fotal 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	Analys	t: 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	Analys	t: KM		Batch: 2344024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/23	11/01/23	
Dil 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	Analys	t: BA		Batch: 2344028
Chloride	ND	20.0	1	10/31/23	11/01/23	

# **QC Summary Data**

	QU DI							
	Project Name: Project Number: Project Manager:	20	046-0001	1				<b>Reported:</b> 11/1/2023 3:58:21PM
	Volatile O	rganics b	oy EPA 802	21B				Analyst: RKS
	Reporting	Spike	Source		Rec		RPD	
Result				Rec				
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 1	0/31/23 A	Analyzed: 10/31/23
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0250							
ND	0.0500							
ND	0.0250							
7.43		8.00		92.9	70-130			
						Prepared: 1	0/31/23 A	Analyzed: 10/31/23
4.59	0.0250	5.00		91.9	70-130			
4.79	0.0250	5.00		95.8	70-130			
4.76	0.0250	5.00		95.3	70-130			
4.81	0.0250	5.00		96.2	70-130			
9.78	0.0500	10.0		97.8	70-130			
14.6	0.0250	15.0		97.3	70-130			
7.52		8.00		94.0	70-130			
			Source:	E310298-	06	Prepared: 1	0/31/23 A	Analyzed: 10/31/23
4.54	0.0250	5.00	ND	90.7	54-133			
4.74	0.0250	5.00	ND	94.9	61-133			
4.71	0.0250	5.00	ND	94.3	61-130			
4.80	0.0250	5.00	ND	96.0	63-131			
9.68	0.0500	10.0	ND	96.8	63-131			
14.5	0.0250	15.0	ND	96.5	63-131			
7.76		8.00		97.1	70-130			
			Source:	E310298-	06	Prepared: 1	0/31/23 A	Analyzed: 10/31/23
4.86	0.0250	5.00	ND	97.3	54-133	6.99	20	
5.10	0.0250	5.00	ND	102	61-133	7.32	20	
5.05	0.0250	5.00	ND	101	61-130	6.96	20	
5.15	0.0250	5.00	ND	103	63-131	7.00	20	
10.4	0.0500	10.0	ND	104	63-131	7.25	20	
15.6	0.0250	15.0	ND	104	63-131	7.16	20	
15.0			ND	104	03-131	/.10	20	
	mg/kg ND ND ND ND ND ND ND 7.43 4.59 4.79 4.76 4.81 9.78 14.6 7.52 4.54 4.74 4.71 4.6 7.52 4.54 4.74 4.71 4.71 4.80 9.68 14.5 7.76 4.86 5.10 5.05 5.15 10.4	Project Name: Project Number: Project Manager:         Volatile O         Result mg/kg       Reporting Limit mg/kg         ND       0.0250         7.43       0.0250         4.59       0.0250         7.43       0.0250         4.54       0.0250         7.52	Project Name:       Ja         Project Number:       20         Project Manager:       N         Volatile Organics I       N         Result       Reporting mg/kg       Spike Level mg/kg       Limit Level mg/kg         ND       0.0250       N         ND       0.0250       S.00         ND       0.0250       S.00         ND       0.0250       S.00         ND       0.0250       S.00         4.59       0.0250       S.00         4.79       0.0250       S.00    4.81       0.0250       S.00         4.84       0.0250       S.00         4.54       0.0250       S.00         4.54       0.0250       S.00         4.80       0.0250       S.00         4.80       0.0250       S.00	Project Name:       Jackson 16         Project Number:       Jackson 16         Project Manager:       Natalie Gladder         Volatile Organics by EPA 802         Result       Spike       Source         mg/kg       mg/kg       mg/kg       mg/kg         ND       0.0250       ND       0.0250         ND       0.0250       S.00       14.6         0.0250       5.00       5.00       14.79         0.0250       5.00       5.00       15.0         7.52       8.00       Source:       Source:         4.54       0.0250       5.00       ND         14.6       0.0250       5.00       ND         4.54       0.0250       5.00       ND         4.54       0.0250       5.00       ND         4.54	Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         Volatile Organics by EPA 8021B         Result       Reporting mg/kg       Spike mg/kg       Source mg/kg       Rec         ND       0.0250       mg/kg       mg/kg       %         ND       0.0250       ND       0.0250         ND       0.0250       ND       0.0250         ND       0.0250       ND       0.0250         ND       0.0250       Source       19.9         4.59       0.0250       5.00       91.9         4.79       0.0250       5.00       95.8         4.76       0.0250       5.00       95.3         4.81       0.0250       5.00       97.8         9.78       0.0500       10.0       97.8         14.6       0.0250       5.00       ND       94.0         5.01       9.73       7.52       8.00       94.0         4.54       0.0250       5.00       ND       94.3         4.54       0.0250       5.00 <td>Project Name: Project Number: 20046-0001       Jackson 16 20046-0001         Project Manager:       Natalie Gladden         Volatile Organics by EPA 8021B         Result mg/kg       Reporting mg/kg       Spike Level mg/kg       Source Result mg/kg       Rec Mark       Rec Limits mg/kg       Rec mg/kg       Rec Mark       Rec Limits         ND       0.0250      </td> <td>Project Name: Project Number:       Jackson 16 20046-0001 Project Manager:       Natalic Gladden         Volatile Organics by EPA 8021B         Result       Reporting Limit       Spike Level       Source Result       Rec %       Rec %       Rep %       RPD         mg/kg       mg/kg       mg/kg       mg/kg       mg/kg       %       %       %         ND       0.0250 ND       0.0250 ND       ND       0.0250 ND       ND       Prepared: 1         4.59       0.0250 ND       5.00       91.9       70-130       Prepared: 1         4.59       0.0250 ND       5.00       95.8       70-130       Prepared: 1         4.59       0.0250       5.00       95.3       70-130       Prepared: 1         4.59       0.0250       5.00       97.8       70-130       Prepared: 1         4.59       0.0250       5.00       97.8       70-130       Prepared: 1         4.59       0.0250       5.00       97.3       70-130       Prepared: 1         4.59       0.0250       5.00       ND       94.0       74-30         7.52       8.00       97.1</td> <td>Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         Volatile Organics by EPA 8021B         Result       Reporting mg/kg       Spike mg/kg       Source mg/kg       Rec       Limit Nm       RPD       Limit Limit       RPD       Limit         MD       0.0250       mg/kg       mg/kg       9%       %<!--</td--></td>	Project Name: Project Number: 20046-0001       Jackson 16 20046-0001         Project Manager:       Natalie Gladden         Volatile Organics by EPA 8021B         Result mg/kg       Reporting mg/kg       Spike Level mg/kg       Source Result mg/kg       Rec Mark       Rec Limits mg/kg       Rec mg/kg       Rec Mark       Rec Limits         ND       0.0250	Project Name: Project Number:       Jackson 16 20046-0001 Project Manager:       Natalic Gladden         Volatile Organics by EPA 8021B         Result       Reporting Limit       Spike Level       Source Result       Rec %       Rec %       Rep %       RPD         mg/kg       mg/kg       mg/kg       mg/kg       mg/kg       %       %       %         ND       0.0250 ND       0.0250 ND       ND       0.0250 ND       ND       Prepared: 1         4.59       0.0250 ND       5.00       91.9       70-130       Prepared: 1         4.59       0.0250 ND       5.00       95.8       70-130       Prepared: 1         4.59       0.0250       5.00       95.3       70-130       Prepared: 1         4.59       0.0250       5.00       97.8       70-130       Prepared: 1         4.59       0.0250       5.00       97.8       70-130       Prepared: 1         4.59       0.0250       5.00       97.3       70-130       Prepared: 1         4.59       0.0250       5.00       ND       94.0       74-30         7.52       8.00       97.1	Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         Volatile Organics by EPA 8021B         Result       Reporting mg/kg       Spike mg/kg       Source mg/kg       Rec       Limit Nm       RPD       Limit Limit       RPD       Limit         MD       0.0250       mg/kg       mg/kg       9%       % </td



### **QC Summary Data**

		QU D		ary Data					
Tap Rock   7 W. Compress Road		Project Name: Project Number:	2	ackson 16 0046-0001					<b>Reported:</b>
Artesia NM, 88210		Project Manager:	Ν	Vatalie Gladden					11/1/2023 3:58:21PM
	No	nhalogenated O	rganics	by EPA 801	5D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344018-BLK1)							Prepared: 1	0/31/23 A	nalyzed: 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: 1	0/31/23 A	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: E	310298-	06	Prepared: 1	0/31/23 A	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: E	310298-	06	Prepared: 1	0/31/23 A	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**

		$\mathbf{x} = \mathbf{z}$		ary Data	·				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ackson 16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	latalie Gladden					11/1/2023 3:58:21PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	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: <b>H</b>	E310298-0	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: I	E <b>310298-</b> (	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**

		$\mathbf{x} \in \mathbf{z}$							
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson 16 20046-0001 Vatalie Gladden	1				<b>Reported:</b> 11/1/2023 3:58:21PM
		Anions	by EPA	300.0/9056A	1				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: 1	0/31/23	Analyzed: 11/01/23
Chloride LCS (2344028-BS1)	ND	20.0					Prepared: 1	0/31/23	Analyzed: 11/01/23
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2344028-MS1)				Source:	E310298-	07	Prepared: 1	0/31/23	Analyzed: 11/01/23
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2344028-MSD1)				Source:	E310298-	07	Prepared: 1	0/31/23	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.



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.

Page \_\_\_\_\_ of \_\_\_\_

lient: Top Rock	II TO	1361	med -	_		e Onl		a kilde	-		TAT	Sec. 1. 1	EPA P	
roject: Jar le 300 (Construction: ENERG roject Manager: Natalie Address: 2724 NW	TAFFING SERVICES	Lab	wo#	295					1D	2D	3D 5	Standard	CWA	SD
ddress: City, State, Zip			-100	<u> </u>		Analy	sis and i	Method	1					R
hone: 575-393-90		-												
mail: Email: NATALIE@E	RGYSTAFFINGLLC.COM	8015	8015				0					NM CO	State	TX
eport due by:	ERGYSTAFFINGLLC.COM	ko by	to by	8021	8260	5010	e 300.		NN	TX		$\mathbf{X}$		
Time Date Matrix No. of Sampled Sampled Matrix Containers Sample ID	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
"27/27 5 1 SDCOMD 53-4						_		İ	X					
5pcomp 53-4 Spcomp 54-4	2			1					T					
5p camp 55-4	3													
Sp comp 5 Lo- 4	4								T					
5pcomp57-4	5	-												
5pcomp 57-4 5pcomp 58-4	6													
Spcomp 59.4	7													
Spicimp 60-4	8													
5pcomp 61-4	9											_		
10/21/23 ) 1 Spcomp 62-4	10													
ditional Instructions:				L					<b>.</b>	J1				
field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with c	tentionally mislabelling the sam	nle loca	tion.			Sample	s requiring	thermal p	reserva	tion mus	t be receive	ed on ice the day	they are samp	led or
te or time of collection is considered fraud and may be grounds for legal action.		uga	k			packed	in ice at ar	n avg temp	above	0 but les	s than 6 °C	on subsequent d	ays.	
Inquished by: (Signature) though the formation of the second by: (Signature) though	ure) Date		Time	25		Rece	eived o	n ice:	L	ab Us	e Only			
Date Time Received by: (Signature)	ure) Date /	1	Time				ived o	in ice.	6	/				
and the sources fills from	<u>sh</u> 10/3	0/2		:50	) 	<u>T1</u>			<u>T2</u>		-	<u>T3</u>		
Inquished by: (Signature) Date 16 30/22 72.30 Received by: (Signature) nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Man W.3	123	S 8.	2Ĉ	)	AVG	Temp	°c_4	L		13		1	

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Client:	Jap 1 Jac 4 Manager:	Rucia	1.			ПТо	136				e Only					TA		EPA P	
Project:	Janager:	Unita	lie	1	Attention: ENERGY S Address: 2724 NW CO	And and a second s	Lab	WO#	20	78	Job N	umbe	001	1D	2D	3D	Standard	CWA	SDW
Address:					City, State, Zip HO	BBS, NM 88240		100	<u>×</u>	101	Analys	is and	Metho	d	1-		1423年2		RCF
<u>City, Stat</u> Phone:	e, Zip				Phone: 575-393-9048		-										and the	State	
Email:					3.0.	RGYSTAFFINGLLC.COM ERGYSTAFFINGLLC.COM	8015	8015	_			0.		-			NM CO	UT AZ	TX
Report d	1				DITTIVETEEN	EKGISTATTINGLEC.COM	RO by	RO by	/ 802:	8260	6010	e 300		WN	TX		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
	10/27/22	3	- 1	SPCOMP	63-4	11								X					
				Spcomp Spcomp	64-4	12			- 6					[)					
				Spromp	65-4	13													
			<u>   </u>		place-4	14		<u> </u>						1					
				Spicomp	167-11	15						_			-				
					68-4	16		-							-				
			+	5p com	p Ceq - 4 p 70 - 4 np 71 - 4 np 72 - 4	17								1	-				
			$\left  \right $	Sprom	p70-4	18						_		1					
		(		Spcom	1071-4	19								1					
	10/27/	, 5		Spcon	2072-4	20								X	1				
	al Instruct																		
ate or time	of collection i	is considere	d fraud and	may be grounds for lega	m aware that tampering with or in al action. <u>Sampled b</u>	tentionally mislabelling the sam	ple loca	tion,			0.0000.003200.0452		ALL REPORTS AND A DEPOSIT				eived on ice the day °C on subsequent d		led or re
And	d by: (Signa	Ugg	Date	107(23 Time	Received by: (Signati	Lenz 1030	2	Time	130	>	Rece	ived	on ice:	C	ab U	se Onl	у		sa Line
Mud	ille !	Cours		3223 16	( /	10/	3 923	Time 16.	50	0	<u>T1</u>		1x	<u>T2</u>			<u>T3</u>		
Som	ed by: (Signa	<u>A</u>	Date ÛD	30/23 22	30 auto	Man 10:31	23	Time 8	20	)	AVG	Tem	°c_2	1			4		
imple Matr	ix: S - Soil, Sd	- Solid, Sg -	Sludge, A -	queous, O - Other		Contair	ner Typ	e:g-	glass, d to cl	p - po	oly/pla	stic, a	ng - amb	er gla	ass, v -	VOA			

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### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock Da	te Received:	10/31/23 08:	20	Work Order ID: E310298
Phone:	(575) 390-6397 Da	te Logged In:	10/30/23 15:	:56	Logged In By: Caitlin Mars
Email:		e Date:	11/01/23 17	:00 (1 day TAT)	
Chain o	f Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match t	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	field,	Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample	Cooler				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	s, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec		Yes		
10.10	minutes of sampling		0		
	visible ice, record the temperature. Actual sample tem	perature: <u>4</u> °	<u>c</u>		
	<u>Container</u>				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?	11	Yes		
	e appropriate volume/weight or number of sample containers	confected?	Yes		
Field La	ader e field sample labels filled out with the minimum information of the same	tion			
	Sample ID?	111011.	Yes		
	Date/Time Collected?		Yes		
(	Collectors name?		No		
Sample	<b>Preservation</b>				
	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
24. Is lat	b filteration required and/or requested for dissolved meta	ls?	No		
Multiph	ase Sample Matrix				
26. Does	s the sample have more than one phase, i.e., multiphase?		No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
	tract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
20 Was	a subcontract laboratory specified by the client and if so	who?	NA S	ubcontract Lab	1. uð

\_\_\_\_

Date



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







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,



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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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

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

Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum			
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	Jackson 16 20046-0001 Natalie Gladden		<b>Reported:</b> 11/02/23 16:44
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.



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 200	tson 16 46-0001 alie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SI	P Comp 74	4'			
		E310304-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
o,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		94.9 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/OR	o mg/kg	mg/kg	mg/kg Analyst: KM		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
Surrogate: n-Nonane		95.9 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	
*					11/01/23	Batell. 2344

## Sample Data



		ampic D	uta			
Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/2/2023 4:44:06PM
	SP	Comp 75 - 4	4'			
		E310304-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
Surrogate: n-Nonane		92.9 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock	Project Name		son 16			
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			11/2/2023 4:44:06PM
	SF	P Comp 76 - 4	4'			
		E310304-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		95.5 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	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		93.4 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock	Project Name:		tson 16			
7 W. Compress Road	Project Number		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			11/2/2023 4:44:06PM
	SP	• Comp 77 - 4	4'			
		E310304-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	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		96.2 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 78 - 4	4'			
		E310304-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Batch: 2344040		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Batch: 2344037		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
Surrogate: n-Nonane		94.1 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	
monae		20.0				



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 79 - 4	4'			
	-	E310304-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Fotal 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	Analys	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	Analys		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Dil 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	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	• Comp 80 - 4	4'			
		E310304-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
o,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		95.5 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2344040		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		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		92.3 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 81 - 4	4'			
		E310304-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: RKS		Batch: 2344040
Benzene	ND	0.0250	1	11/01/23	11/01/23	
thylbenzene	ND	0.0250	1	11/01/23	11/01/23	
oluene	ND	0.0250	1	11/01/23	11/01/23	
-Xylene	ND	0.0250	1	11/01/23	11/01/23	
,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/01/23	
urrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2344040		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	11/01/23	11/01/23	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/01/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/01/23	
'urrogate: n-Nonane		96.0 %	50-200	11/01/23	11/01/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	• Comp 82 - 4	4'			
		E310304-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/01/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2344040		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		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		98.5 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 83 - 4	4'			
	-	E310304-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Total Xylenes	ND	0.0250	1	11/01/23	11/02/23	
urrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2344037		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Gurrogate: n-Nonane		96.8 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	• Comp 84 - 4	4'			
		E310304-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		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		90.4 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 85 - 4	4'			
		E310304-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal 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	Analy	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	Analy		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil 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	Analy	yst: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 86 - 4	4'			
		E310304-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: 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	
oluene	ND	0.0250	1	11/01/23	11/02/23	
-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/02/23	
urrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2344040		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		87.3 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	lie Gladden			11/2/2023 4:44:06PM
	SP	Comp 87 - 4	Ľ			
		E310304-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
o,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		93.2 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g 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	Analys		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		91.7 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	Comp 88 - 4	4'			
	-	E310304-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal 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	Analys	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	Analys		Batch: 2344037	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil 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	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	
		ampic D	uta			
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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	ilie Gladden			11/2/2023 4:44:06PM
	SP	Comp 89 - 4	1'			
		E310304-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		87.9 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/01/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/2/2023 4:44:06PM
	SP	• Comp 90 - 4	1'			
		E310304-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		92.7 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/02/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/2/2023 4:44:06PM
	SP	Comp 91 - 4	1'			
		E310304-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		95.2 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/02/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	ilie Gladden			11/2/2023 4:44:06PM
	SP	Comp 92 - 4	1'			
		E310304-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal 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	Analys	t: 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	Analys	t: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil 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	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/02/23	

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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			11/2/2023 4:44:06PM
	SP	Comp 93 - 4	4'			
		E310304-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal 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	Analys	t: 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	Analys	t: KM		Batch: 2344037
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil 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	Analys	t: RAS		Batch: 2344047
Chloride	ND	20.0	1	11/01/23	11/02/23	



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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/2/2023 4:44:06PM
	SP	Comp 94 - 4	4'			
		E310304-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/01/23	
p,m-Xylene	ND	0.0500	1	11/01/23	11/01/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2344039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	11/01/23	11/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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	
Surrogate: n-Nonane		90.5 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: RAS		Batch: 2344048
Chloride	ND	20.0	1	11/01/23	11/02/23	



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Tap Rock	Project Name:		son 16			
7 W. Compress Road	Project Number		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladden			11/2/2023 4:44:06PM
	SP	Comp 95 - 4	1'			
		E310304-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/01/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/01/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/01/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/01/23	11/02/23	
Surrogate: n-Nonane		93.5 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344048
Chloride	ND	20.0	1	11/01/23	11/02/23	

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	er: 2004	46-0001			<b>Reported:</b> 11/2/2023 4:44:06PM
SP	Comp 96 - 4	4'			
	E310304-23				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	t: RKS		Batch: 2344039
ND	0.0250	1	11/01/23	11/02/23	
ND	0.0250	1	11/01/23	11/02/23	
ND	0.0250	1	11/01/23	11/02/23	
ND	0.0250	1	11/01/23	11/02/23	
ND	0.0500	1	11/01/23	11/02/23	
ND	0.0250	1	11/01/23	11/02/23	
	95.7 %	70-130	11/01/23	11/02/23	
mg/kg	mg/kg	Analys	t: RKS		Batch: 2344039
ND	20.0	1	11/01/23	11/02/23	
	91.3 %	70-130	11/01/23	11/02/23	
mg/kg	mg/kg	Analys	t: JL		Batch: 2344038
ND	25.0	1	11/01/23	11/02/23	
ND	50.0	1	11/01/23	11/02/23	
	94.1 %	50-200	11/01/23	11/02/23	
mg/kg	mg/kg	Analys	t: RAS		Batch: 2344048
ND	20.0	1	11/01/22	11/02/23	
	Project Name: Project Numbe Project Manage SP Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Jack           Project Number:         2004           Project Manager:         Nata           SP Comp 96 - 4         E310304-23           SP Comp 96 - 4         E310304-23           Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         20.0           gr/kg         mg/kg           Mg/kg         Mg/kg           ND         25.0           ND         50.0           ND         50.0           ND         50.0           ND         50.0           SP4.1 % </td <td>Project Number:       20046-0001         Project Manager:       Natalie Gladden         SPComp 96 - 4'         E310304-23         Reporting         Result       Limit       Dilution         mg/kg       mg/kg       Analys         ND       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analys         ND       20.0       1         Mg/kg       Mg/kg       Analys         ND       25.0       1         ND       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.0       1</td> <td>roject Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 96 - 4'       SP Comp 96 - 4'         E310304-23       Frepared         Result       Dilution       Prepared         Result       Limit       Dilution       Prepared         MD       0.0250       1       11/01/23         ND       20.0       1       11/01/23         MD       20.0       1       11/01/23         MD       25.0       1       11/01/23         MD       25.0       1       11/01/23         MD       25.0       1<td>Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 96 - 4'         E310304-23         Result       Dilution       Prepared       Analyzed         MC       Mag/kg       Mag/kg       Analyst: RKS       ND         MD       0.0250       1       11/01/23       11/02/23         ND       20.0       1       11/01/23       11/02/23         ND       20.0       1       11/01/23       11/02/23         MD       20.0       1</td></td>	Project Number:       20046-0001         Project Manager:       Natalie Gladden         SPComp 96 - 4'         E310304-23         Reporting         Result       Limit       Dilution         mg/kg       mg/kg       Analys         ND       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analys         ND       20.0       1         Mg/kg       Mg/kg       Analys         ND       25.0       1         ND       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.0       1	roject Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 96 - 4'       SP Comp 96 - 4'         E310304-23       Frepared         Result       Dilution       Prepared         Result       Limit       Dilution       Prepared         MD       0.0250       1       11/01/23         ND       20.0       1       11/01/23         MD       20.0       1       11/01/23         MD       25.0       1       11/01/23         MD       25.0       1       11/01/23         MD       25.0       1 <td>Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 96 - 4'         E310304-23         Result       Dilution       Prepared       Analyzed         MC       Mag/kg       Mag/kg       Analyst: RKS       ND         MD       0.0250       1       11/01/23       11/02/23         ND       20.0       1       11/01/23       11/02/23         ND       20.0       1       11/01/23       11/02/23         MD       20.0       1</td>	Project Name:       Jackson 16         Project Number:       20046-0001         Project Manager:       Natalie Gladden         SP Comp 96 - 4'         E310304-23         Result       Dilution       Prepared       Analyzed         MC       Mag/kg       Mag/kg       Analyst: RKS       ND         MD       0.0250       1       11/01/23       11/02/23         ND       20.0       1       11/01/23       11/02/23         ND       20.0       1       11/01/23       11/02/23         MD       20.0       1

	D	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/2/2023 4:44:06PM
	SP	• Comp 97 - 4	4'			
		E310304-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		95.5 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344039
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	11/01/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		92.2 %	50-200	11/01/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2344048
Chloride	ND	20.0	1	11/01/23	11/02/23	



## **QC Summary Data**

		QC D	u	i j Dau	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson 16 0046-0001 atalie Gladden	L				<b>Reported:</b> 11/2/2023 4:44:06PM
		Volatile O	rganics l	by EPA 802	1B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
-	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344039-BLK1)							Prepared: 1	1/01/23 A	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: 1	1/01/23 A	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			
p-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: 1	1/01/23 A	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			
p-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: 1	1/01/23 A	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	
p-Xylene	5.21	0.0250	5.00	ND	104	63-131	1.34	20	
			10.0	ND	107	63-131	1.00	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	05-151	1.00	20	
p,m-Xylene Total Xylenes	10.6 15.8	0.0500 0.0250	15.0	ND	106	63-131	1.12	20	



## **QC Summary Data**

		QU DI		i y Date	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ickson 16 0046-0001 atalie Gladden					<b>Reported:</b> 11/2/2023 4:44:06PM
		Volatile O	rganics l	oy EPA 802	1B				Analyst: RKS
Analyte	<b>D</b> 1	Reporting Limit	Spike Level	Source Result	D	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	Rec %	%	%	%	Notes
Blank (2344040-BLK1)							Prepared: 1	1/01/23 A	analyzed: 11/01/23
· · · · ·	ND	0.0250					rieparea i		inal j 20 al 11/01/20
Benzene Ethylbenzene	ND	0.0250 0.0250							
Toluene	ND								
	ND ND	0.0250 0.0250							
o-Xylene	ND								
p,m-Xylene	ND	0.0500 0.0250							
Total Xylenes Surrogate: 4-Bromochlorobenzene-PID	7.58	0.0250	8.00		94.8	70-130			
LCS (2344040-BS1)							Prepared: 1	1/01/23 A	analyzed: 11/01/23
Benzene	5.19	0.0250	5.00		104	70-130	1		•
Ethylbenzene	4.97	0.0250	5.00		99.3	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
p-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	010220	8.00		94.6	70-130			
Matrix Spike (2344040-MS1)				Source:	E310304-(	01	Prepared: 1	1/01/23 A	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			
p-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: 1	E310304-(	01	Prepared: 1	1/01/23 A	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	
Luiyibenzene			5.00	ND	101	61-130	1.79	20	
Toluene	5.06	0.0250	5.00	ND	101	01 100		20	
-	5.06 4.99	0.0250 0.0250	5.00	ND	99.8	63-131	1.90	20	
Toluene									
Toluene o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131	1.90	20	



## **QC Summary Data**

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Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 0046-0001 Jatalie Gladden					<b>Reported:</b> 11/2/2023 4:44:06PM
	No	nhalogenated C		by EPA 801	5D - G	RO			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: 1	1/01/23 A	nalyzed: 11/01/23
Gasoline Range Organics (C6-C10)	ND	20.0					1		5
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			
LCS (2344039-BS2)							Prepared: 1	1/01/23 A	nalyzed: 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: E	310303-	07	Prepared: 1	1/01/23 A	nalyzed: 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: E	310303-	07	Prepared: 1	1/01/23 A	nalyzed: 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**

		QU N		i j Dutu					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 0046-0001 atalie Gladden					<b>Reported:</b> 11/2/2023 4:44:06PM
Antesia IVIVI, 86210	No	, ,							
	INUI	nhalogenated O	rgames	DY EFA OUI	5D - GI	NU			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344040-BLK1)							Prepared: 1	1/01/23 A	nalyzed: 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: 1	1/01/23 A	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: E	310304-0	01	Prepared: 1	1/01/23 A	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: E	310304-(	01	Prepared: 1	1/01/23 A	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									



## **QC Summary Data**

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Tap Rock 7 W. Compress Road		Project Name: Project Number:		ackson 16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					11/2/2023 4:44:06PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344037-BLK1)							Prepared: 1	1/01/23 A	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: 1	1/01/23 A	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: <b>F</b>	2310304-	04	Prepared: 1	1/01/23 A	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: <b>F</b>	2310304-	04	Prepared: 1	1/01/23 A	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**

		$\mathbf{x} = \mathbf{v}$		ing Dutu	·				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	ackson 16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					11/2/2023 4:44:06PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344038-BLK1)							Prepared: 1	1/01/23 A	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: 1	1/01/23 A	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: <b>F</b>	2310303-	06	Prepared: 1	1/01/23 A	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: H	2310303-	06	Prepared: 1	1/01/23 A	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**

son 16					
				<b>Report</b> 11/2/2023 4:	
0.0/9056A				Analyst: RA	AS
Source Result Rec mg/kg %	Rec Limits	RPD	RPD Limit	Not	tes
		Prepared: 1	1/01/23 <i>A</i>	Analyzed: 11/(	01/23
		Prepared: 1	1/01/23 A	Analyzed: 11/0	01/23
97.2 Source: E310304-0	90-110 <b>7</b>	Prepared: 1	1/01/23 4	analyzed: 11/0	)1/23
ND 97.9	80-120	Treparou. T			
Source: E310304-0	7	Prepared: 1	1/01/23 A	analyzed: 11/0	01/23
ND 97.7	80-120	0.201	20		
1	46-0001 lie Gladden 0.0/9056A Source Result Rec mg/kg % 97.2 Source: E310304-0 ND 97.9 Source: E310304-0	46-0001 lie Gladden  0.0/9056A  Source Rec Limits mg/kg % %  97.2 90-110  Source: E310304-07  ND 97.9 80-120  Source: E310304-07	46-0001 the Gladden  0.0/9056A  Source Rec Limits RPD mg/kg % % % Prepared: 1  Prepared: 1  97.2 90-110  Source: E310304-07 Prepared: 1  ND 97.9 80-120  Source: E310304-07 Prepared: 1	46-0001 thie Gladden  0.0/9056A  Source Rec Limits RPD Limit mg/kg % % % % %  Prepared: 11/01/23 A  97.2 90-110  Source: E310304-07 Prepared: 11/01/23 A ND 97.9 80-120  Source: E310304-07 Prepared: 11/01/23 A	46-0001       11/2/2023       4:         46-0001       11/2/2023       4:         0.0/9056A       Analyst: R.         Source       Rec       RPD         Result       Rec       Limits       RPD         mg/kg       %       %       %       No         Prepared: 11/01/23         Analyst: R.         Source       Rec       RPD         Limits       RPD       Limit         mg/kg       %       %       %         Prepared: 11/01/23       Analyzed: 11/0         97.2       90-110       90-20         Source: E310304-07       Prepared: 11/01/23       Analyzed: 11/0         ND       97.9       80-120       Prepared: 11/01/23         Source: E310304-07       Prepared: 11/01/23       Analyzed: 11/0



## **QC Summary Data**

		$\chi \circ \sim$			-				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 20046-0001 Natalie Gladden					<b>Reported:</b> 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 LCS (2344048-BS1)	ND	20.0					Prepared:	11/01/23	Analyzed: 11/01/23
Chloride	246	20.0	250		98.2	90-110			
Matrix Spike (2344048-MS1)				Source: 1	E310303-(	)4	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-(	)4	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.



ſ	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 N	NOT DETECTED at or above the reporting limit
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- 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.



Release			¢									(	0
d to I	Project Information	Chain of				- 7						Page	1 of 2
magin	Client: Mark Energy Project: West Mount #1 (9/4/23) Project Manager: Na False	Bill To Attention: ENERGY STAFFING SERVIC		2015	VO#	Lab U	se On	ly Number	1D		TAT D Standard	EPA P CWA	SDWA
g: 6/13	Project: War Mount *1 C919125 Project Manager: Na fa fe Address:	Address: 2724 NW COUNTY RD City, State, Zip HOBBS, NM 88240		EZ	130	3	2000	sis and Meth	9	19			RCRA
Released to Imaging: 6/13/2024 3:20:26 PM	City, State, Zip Phone: Email: Report due by:	Phone: 575-393-9048 Email: NATALIE@ENERGYSTAFFINGLLC. BRITTNEY@ENERGYSTAFFINGLLC	an operation of the	RO by 8015	GRO/DRO by 8015	BTEX by 8021 VOC by 8260	6010	Chloride 300.0	C NM		NM CO	State UT AZ	
):26 P	Time Date Matrix No. of Containers Sampled ID		Lab Number	DRO/ORO	GRO/D	BTEX b	Metals 6010	Chlorie	BGDOC	BGDOC		Remarks	
M	10/30/23 5 2 BG 36	Surf	1							p			
	1 1 1 19937-		2									24.74.74.74.74.74.74.74.74.74.74.74.74.74	
	BG 38 - 3G 39 -		3						-				
	BG 46		5										
	3G 41		5										
		- Surf	7										
	89 43	- Surf	8										
		- Surf	9										
	170/03 2 2	í - Surt	10							P			
	Additional Instructions:	le. Lam aware that tampering with or intentionally mislabellin	ig the sampl	e locat	ion,		Samp	les requiring ther	mal prese	rvation must	be received on ice the day	they are samp	oled or received
	date or time of collection is considered fraud and may be grounds f	rr legal action. <u>Sampled by:</u>	Also 1031	23	Time	20	-	ed in ice at an avg	8 a.	Lab Use	than 6 °C on subsequent d	əys.	
1	Date []	received by: (Signature) ISUS	Date 10.2		Time	30	T1	Leived on ic	<u> </u>	2	<u>T3</u>		
	Multin Chip 1	me Received by Signature) 1400 att Mar	Date 16.1.	23	Time	5		G Temp °C_	4				
	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Oth Note: Samples are discarded 30 days after results are repor samples is applicable only to those samples received by the	ted unless other arrangements are made. Hazardous s	amples wi	I be re	eturned	to client	or disp r on th	e report.	e client e	expense.	The report for the an		
	terre in the second						C	2 E	n	V	iro'	e	sh

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Project	Information
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Client:	loek En	engel		1/12	ENIER	<b>Bill To</b> RGY STAFFING SERV	TCES	and the second	NO			Only lob Ni		17.1. 17.1.	1D	2D 30	TAT	and the second s	rogram
Project: Project N Address: City, Stat		Nafa	2 (914 a lie	<u>/22</u>	Address: 2724 N	IW COUNTY RD HOBBS, NM 88240		Lab V E3	102	303	1	2004	6.0	001 Metho	2			Å	RCRA
Phone: Email: Report d					Email: NATALIE	@ENERGYSTAFFINGLI Y@ENERGYSTAFFINGI	LC.COM	0RO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		DC NM	C TX	NM C	State	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/0	GRO/I	BTEX	VOC	Meta	Chlor		BGDOC	BGDOC		Remark	5
	10/30/23	5	1	BG40-	Surf		11								P				
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I, (field sa	mpler), attest 1	o the validit	ty and authe	nticity of this sample. I a	m aware that tampering v	with or intentionally mislabe	lling the same	le lcca	tion,			Sample	es requir	ing therma	al presen	vation must b e 0 but less t	e received on ice the han 6 °C on subseque	e day they are san ent days.	pled or recei
1	me of collection	ature)	100	d may be grounds for legi te Time 38/23	Mill		10.31	-23	l	doll	2	-		on ice	-	Lab Use			
	shed by: (Sign	(ley)	A IDa	-31-23 15	45 Received by:	(Signature)	Date	1.27	5 /	73c	>	T1	-		<u>T2</u>	25	<u>T3</u>		
	shed by: (Sigi		Da	te 9.31.23 24		(Signature)	Date 14 - 1-2 Contain	13		3:15		AVG	Tem	p°C_	4 aber 9	lass y - V	ΩΑ		

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## **Envirotech Analytical Laboratory**

## Sample Receipt Checklist (SRC)

lient:	Mack Energy D	ate Received:	11/01/23 08	8:15	Work Order ID: E310303
Phone:	(575) 390-6397 D	ate Logged In:	10/31/23 14	4:37	Logged In By: Caitlin Mars
Email:	Natalie@energystaffingllc.com D	ue Date:	11/02/23 1	7:00 (1 day TAT)	
Chain of	Custody (COC)				
1. Does t	he sample ID match the COC?		Yes		
2. Does t	he number of samples per sampling site location match	the COC	Yes		
3. Were s	samples dropped off by client or carrier?		Yes	Carrier: C	Courier
4. Was th	e COC complete, i.e., signatures, dates/times, requester	d analyses?	No		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		<b>Comments/Resolution</b>
<u>Sample '</u>	<u> Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample	Cooler				client.
	sample cooler received?		Yes		
8. If yes,	was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re- minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample te	mperature: 4º	c		
		$\frac{1}{4}$	C		
Sample		inperature. <u>4</u>	<u> </u>		
	Container	inperature. <u>+</u>	<u>C</u> No		
14. Are a		mperature. <u>+</u>			
14. Are a 15. Are V	<u>Container</u> Iqueous VOC samples present?	mperature. <u>+</u>	No		
14. Are a 15. Are v 16. Is the	Container iqueous VOC samples present? VOC samples collected in VOA Vials?	mperature. <u>+</u>	No NA		
14. Are a 15. Are v 16. Is the 17. Was	Container Iqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?	прелатите. <u>-</u>	No NA NA		
14. Are a 15. Are V 16. Is the 17. Was 18. Are r	Container Aqueous VOC samples present? VOC samples collected in VOA Vials? the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?	. –	No NA NA NA		
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<ul> <li>14. Are a</li> <li>15. Are <sup>3</sup></li> <li>16. Is the</li> <li>17. Was</li> <li>18. Are a</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> </ul>	Container iqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform	s collected?	No NA NA Yes Yes		
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14. Are a 15. Are v 16. Is the 17. Was 18. Are r 19. Is the Field La 20. Were S I C Sample 21. Does 22. Are s	Container iqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform Gample ID? Date/Time Collected? Collectors name? Preservation	s collected? nation: erved?	No NA NA Yes Yes Yes No		
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14. Are a 15. Are v 16. Is the 17. Was 18. Are r 19. Is the <b>Field La</b> 20. Were S I C Sample 21. Does 22. Are s 24. Is lab Multiph	Container iqueous VOC samples present? VOC samples collected in VOA Vials? the head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were pres sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix	s collected? nation: erved? als?	No NA NA Yes Yes Yes No No NA No		
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14. Are a 15. Are v 16. Is the 17. Was 18. Are r 19. Is the <b>Field La</b> 20. Were S I C Sample 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes	Container iqueous VOC samples present? VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample container bel field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were press sample(s) correctly preserved? o filteration required and/or requested for dissolved met ase Sample Matrix the sample have more than one phase, i.e., multiphase?	s collected? nation: erved? als? ?	No NA NA Yes Yes Yes No No NA No		

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



envirotech Inc.

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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

20046-0001 Job Number:

> 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,



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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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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#### **Sample Summary**

		Sample Sum	mary		
Tap Rock 7 W. Compress Road		Project Name: Project Number:	Jackson 16 20046-0001		Reported:
Artesia NM, 88210		Project Manager:	Natalie Gladden		11/03/23 16:32
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.
W COMP 12 - 4'	E311012-12A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.
W COMP 13 - 4'	E311012-13A	Soil	10/31/23	11/02/23	Glass Jar, 2 oz.



	6	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SV	V COMP 1 -	4'			
		E311012-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
p-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		97.0 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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		97.7 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2344069
Chloride	193	20.0	1	11/02/23	11/02/23	

## Sample Data

Artesia NM, 88210       Project Manager:       Natalie Gladden       11/3/2023       4/3         SW COMP 2 - 4' E311012-02         Reporting         Analyte       Result       Limit       Dilution       Prepared       Analyzed       Notes         Volatile Organics by EPA 8021B       mg/kg       mg/kg       Analyst: RKS       Batch: 23/4400         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         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         Surrogate: 4.Bromochlorobenzene-PID       98.3 %       70-130       11/02/23       11/02/23         Surrogate: 1-Chloro-4-fluorobenzene-FID       90.8 %       70-130       11/02/23       11/02/23         Surrogate: 1-Chloro-4-fluorobenzene-FID       90.8 %       70-130       11/02/23       11/02/23         Nohalogenated Organics (C6-C10)       ND       25.0       1       11/02/23       11/02/23		53	ample D	ลเล			
E311012-02           Reporting           Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: KK         Batch: 234400           Senzene         ND         0.0250         1         11/02/23         11/02/23           Schurene         ND         0.0250         1         11/02/23         11/02/23           Foluene         ND         0.0250         1         11/02/23         11/02/23           ->Xylene         ND         0.0250         1         11/02/23         11/02/23           ND         0.0250         1         11/02/23         11/02/23         11/02/23           ND         0.0250         1         11/02/23         11/02/23         11/02/23           ND         0.0250         1         11/02/23         11/02/23         11/02/23           Surrogate: 4-Bromochlorobenzene-PID         98.3 %         70-130         11/02/23         11/02/23           Surrogate: 1-Chloro-4-fluorobenzene-FID         90.8 %         70-130         11/02/23         11/02/23           Surrogate: 1-Chloro-4-fluorobenzene-FID         90.8 %	7 W. Compress Road	Project Numbe	er: 2004	46-0001			<b>Reported:</b> 11/3/2023 4:32:33PM
Analyte         Result         Limit         Dilution         Prepared         Analyzed         Notes           Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: RKS         Batch: 234400           Benzene         ND         0.0250         1         11/02/23         11/02/23           Ethylbenzene         ND         0.0250         1         11/02/23         11/02/23           Foluene         ND         0.0250         1         11/02/23         11/02/23           >-Xylene         ND         0.0250         1         11/02/23         11/02/23           ytenes         ND         0.0250         1         11/02/23         11/02/23           ytenes         ND         0.0250         1         11/02/23         11/02/23           Starrogate:         4.Bromochlorobenzene-PID         98.3 %         70-130         11/02/23         11/02/23           Starrogate:         1-Bromochlorobenzene-FID         90.8 %         70-130         11/02/23         11/02/23           Starrogate:         1-Chloro-4-fluorobenzene-FID         90.8 %         70-130         11/02/23         11/02/23           Nonhalogenated Organics (C6-C10)         ND         20.0         1         11/02/23		SW	V COMP 2 -	4'			
AnalyteResultLimitDilutionPreparedAnalyzedNotesVolatile Organics by EPA 8021Bmg/kgmg/kgMalyst: RKSBatch: 234400BenzeneND0.0250111/02/2311/02/23EthylbenzeneND0.0250111/02/2311/02/23FolueneND0.0250111/02/2311/02/23So-XyleneND0.0250111/02/2311/02/23So-XyleneND0.0250111/02/2311/02/23Sorrogate: 4-Bromochlorobenzene-PID98.3 %70-13011/02/2311/02/23Sorrogate: 4-Bromochlorobenzene-PID98.8 %70-13011/02/2311/02/23Sorrogate: 1-Chloro-4-fluorobenzene-FID90.8 %70-13011/02/2311/02/23Sorrogate: 1-Chloro-4-fluorobenzene-FID90.8 %70-13011/02/2311/02/23Sorrogate: 1-Chloro-4-fluorobenzene-FID90.8 %70-13011/02/2311/02/23Sorrogate: 1-Chloro-4-fluorobenzene-FID90.8 %70-13011/02/2311/02/23Sorrogate: n-Nonane96.9 %50-200111/02/2311/02/23Sorrogate: n-Nonane96.9 %50-20011/02/2311/02/23Ahions by EPA 300.0/9056Amg/kgmg/kgAnalyst: RABatch: 234400Sorrogate: n-Nonane96.9 %50-20011/02/2311/02/23			E311012-02				
Volatile Organics by EPA 8021B         mg/kg         mg/kg         Analyst: RKS         Batch: 234400           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           o-Xylene         ND         0.0250         1         11/02/23         11/02/23           o-Xylene         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: 234400           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           Oil Range Organics (C10-C28)         ND         50.0         1         11/02/23         11/02/23							
ND         0.0250         1         11/02/23         11/02/23           Benzene         ND         0.0250         1         11/02/23         11/02/23           Ethylbenzene         ND         0.0250         1         11/02/23         11/02/23           Foluene         ND         0.0250         1         11/02/23         11/02/23           Svergene         ND         0.0250         1         11/02/23         11/02/23           Svergene:         4-Bromochlorobenzene-PID         98.3 %         70-130         11/02/23         11/02/23           Svergene:         I-Chloro-4-fluorobenzene-FID         90.8 %         70-130         11/02/23         11/02/23           Svergene:         I-Chloro-4-fluorobenzene-FID         90.8 %         70-130         11/02/23         11/02/23           Diesel Range Organics (C10-C28) <td>Analyte</td> <td>Result</td> <td>Limit</td> <td>Dilution</td> <td>Prepared</td> <td>Analyzed</td> <td>Notes</td>	Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Ethylbenzene       ND       0.0250       1       11/02/23       11/02/23         Foluene       ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         o-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: 234406         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 (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<	Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344067
Indicating       Indicating       Indicating         Foluene       ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         fotal 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: 234406         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 (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	Benzene	ND	0.0250	1	11/02/23	11/02/23	
ND       0.0250       1       11/02/23       11/02/23         o-Xylene       ND       0.0250       1       11/02/23       11/02/23         o,m-Xylene       ND       0.0500       1       11/02/23       11/02/23         fotal 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: 234406         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: 234406         Surrogate: 1-Chloro-4-fluorobenzene-FID       90.8 %       70-130       11/02/23       11/02/23         ND       25.0       1       11/02/23       11/02/23       11/02/23         Dil 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/	Ethylbenzene	ND	0.0250	1	11/02/23	11/02/23	
ND       ND       ND       0.0500       1       11/02/23       11/02/23         Strate       ND       0.0500       1       11/02/23       11/02/23         Fotal Xylenes       ND       0.0250       1       11/02/23       11/02/23         Starting       98.3 %       70-130       11/02/23       11/02/23       11/02/23         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RKS       Batch: 234406         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: 234406         Steel Range Organics (C10-C28)       ND       25.0       1       11/02/23       11/02/23         Dil Range Organics (C28-C36)       ND       50.0       1       11/02/23       11/02/23         Sturrogate: n-Nonane       96.9 %       50-200       11/02/23       11/02/23         Anions by EPA 300.0/9056A       mg/kg       mg/kg       Analyst: Batch: 234406	Toluene	ND	0.0250	1	11/02/23	11/02/23	
Find       ND       0.0250       1       11/02/23       11/02/23         Fordal Xylenes       ND       0.0250       1       11/02/23       11/02/23         furrogate: 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: 234406         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: 234406         Diesel Range Organics (C10-C28)       ND       25.0       1       11/02/23       11/02/23         Dil 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: 234406	o-Xylene	ND	0.0250	1	11/02/23	11/02/23	
Sourrogate:       4-Browochlorobenzene-PID       98.3 %       70-130       11/02/23       11/02/23         Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       mg/kg       Analyst:       RKs       Batch:       234400         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       Mg/kg       Analyst:       KM       Batch:       234400         Diesel Range Organics (C10-C28)       ND       25.0       1       11/02/23       11/02/23         Dial Range Organics (C28-C36)       ND       25.0       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       mg/kg       Analyst: BA       Batch:       234400	o,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO       mg/kg       mg/kg       Analyst: RKS       Batch: 234400         Gasoline Range Organics (C6-C10)       ND       20.0       1       11/02/23       11/02/23         Gurrogate: 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: 234400         Diesel Range Organics (C10-C28)       ND       25.0       1       11/02/23       11/02/23         Dil Range Organics (C28-C36)       ND       50.0       1       11/02/23       11/02/23         Gurrogate: n-Nonane       96.9 %       50-200       11/02/23       11/02/23         Anions by EPA 300.0/9056A       mg/kg       mg/kg       mg/kg       Analyst: BA	Total Xylenes	ND	0.0250	1	11/02/23	11/02/23	
Gasoline Range Organics (C6-C10)       ND       20.0       1       11/02/23       11/02/23         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: 234406         Diesel Range Organics (C10-C28)       ND       25.0       1       11/02/23       11/02/23         Dil 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       mg/kg       Analyst: BA       Batch: 234406	Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	11/02/23	11/02/23	
Source Range Organics (C0 C10)       The       Low         Source gate: 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: 234406         Diesel Range Organics (C10-C28)       ND       25.0       1       11/02/23       11/02/23         Dil Range Organics (C28-C36)       ND       50.0       1       11/02/23       11/02/23         Source gate: n-Nonane       96.9 %       50-200       11/02/23       11/02/23         Anions by EPA 300.0/9056A       mg/kg       mg/kg       mg/kg       Analyst: BA       Batch: 234406	Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344067
Nonhalogenated Organics by EPA 8015D - DRO/ORO         mg/kg         mg/kg         Analyst: KM         Batch: 234406           Diesel Range Organics (C10-C28)         ND         25.0         1         11/02/23         11/02/23           Dil Range Organics (C28-C36)         ND         50.0         1         11/02/23         11/02/23           Diurrogate: 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: 234406	Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
ND         25.0         1         11/02/23         11/02/23           Diesel Range Organics (C10-C28)         ND         25.0         1         11/02/23           Dil Range Organics (C28-C36)         ND         50.0         1         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: 234406	Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	11/02/23	11/02/23	
Dil Range Organics (C28-C36)     ND     50.0     1     11/02/23     11/02/23       urrogate: 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: 234406	Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2344060
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: 234400	Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 234406	Dil 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	
Chloride         189         20.0         1         11/02/23         11/02/23	Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344069
	Chloride	189	20.0	1	11/02/23	11/02/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	V COMP 3 -	4'			
		E311012-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
Surrogate: n-Nonane		106 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344069
Chloride	194	20.0	1	11/02/23	11/02/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 alie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	V COMP 4 -	4'			
		E311012-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/02/23	
o,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g 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		90.3 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
Surrogate: n-Nonane		98.1 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344069
Chloride	190	20.0	1	11/02/23	11/03/23	

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	COMP 5 -	4'			
		E311012-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	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		93.6 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2344069
Chloride	188	20.0	1	11/02/23	11/03/23	



5	er: 2004	46-0001			<b>Reported:</b> 11/3/2023 4:32:33PM
SW	<b>COMP 6 -</b>	4'			
]	E311012-06				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2344067
ND	0.0250	1	11/02/23	11/02/23	
ND	0.0250	1	11/02/23	11/02/23	
ND	0.0250	1	11/02/23	11/02/23	
ND	0.0250	1	11/02/23	11/02/23	
ND	0.0500	1	11/02/23	11/02/23	
ND	0.0250	1	11/02/23	11/02/23	
	97.1 %	70-130	11/02/23	11/02/23	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2344067
ND	20.0	1	11/02/23	11/02/23	
	90.9 %	70-130	11/02/23	11/02/23	
mg/kg	mg/kg	Ana	Batch: 2344060		
ND	25.0	1	11/02/23	11/02/23	
ND	50.0	1	11/02/23	11/02/23	
	99.7 %	50-200	11/02/23	11/02/23	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2344069
180	20.0	1	11/02/23	11/03/23	
	Project Numbe Project Manag SW Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:         2004           Project Manager:         Nata           SWUTP6-         E311012-06           E311012-06         Reporting           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         20.0           gg/kg         mg/kg           Mg/kg         SU           ND         25.0           ND         50.0           ND         50.0           ND         50.0           ND         50.0           Mg/kg         Mg/kg	Project Number:       20046-0001         Project Manager:       Natalie Gladden         SWEONP 6 - 4''         ESTIDI2-06         Result EsTIDI2-06         Result Limit Dilution         mg/kg       mg/kg       Ana         MD       0.0250       1         ND       0.0250       1         MD       20.0       1         Mg/kg       mg/kg       Ana         ND       20.0       1         MD       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.200       1         Mg/kg	Project Number: $20046-0001$ Natalie Gladden         Project Manager:       Natalie Gladden         SWUDP 6 - J'       Support Suppor	Project Number: $20046-0001$ Project Manager:       Natalie Gladden         SWEOMP 6 - 4'         SETUI2-06         E311012-06         E311012-06         Result       Limit       Dilution       Prepared       Analyzed         ME       Malia       Malia       Malia       Malia       Malia         ND       0.0250       1       11/02/23       11/02/23         MD       20.0       1       11/02/23       11/02/23         MD       20.0       1       11/02/23       11/02/23         MD       20.0       1       11/02/23       11/02/23         MD       25.0       1       11/02/23       11/02/23



	52	ample D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	COMP 7 -	4'			
		E311012-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/02/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/02/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/02/23	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	11/02/23	11/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
Surrogate: n-Nonane		91.5 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	V COMP 8 -	4'			
		E311012-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Foluene	ND	0.0250	1	11/02/23	11/03/23	
p-Xylene	ND	0.0250	1	11/02/23	11/03/23	
o,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/03/23	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		95.5 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



	3	ample D	ลเล			
Tap Rock 7 W. Compress Road	Project Name Project Numb		son 16 46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			11/3/2023 4:32:33PM
	SV	V COMP 9 -	4'			
		E311012-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
oluene	ND	0.0250	1	11/02/23	11/03/23	
-Xylene	ND	0.0250	1	11/02/23	11/03/23	
,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
urrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
Surrogate: n-Nonane		90.9 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	



	56	ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	COMP 10 -	4'			
		E311012-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/03/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		96.4 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	

	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbo Project Manag	er: 2004	rson 16 46-0001 alie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	COMP 11 -	4'			
		E311012-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
oluene	ND	0.0250	1	11/02/23	11/03/23	
-Xylene	ND	0.0250	1	11/02/23	11/03/23	
,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/02/23	11/03/23	
urrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2344060
Diesel Range Organics (C10-C28)	ND	25.0	1	11/02/23	11/02/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/02/23	11/02/23	
Gurrogate: n-Nonane		95.3 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	
	5	ampic D	ala			
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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	ber: 2004	tson 16 46-0001 alie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	/ COMP 12 -	4'			
		E311012-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/03/23	
p,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/03/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		98.0 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	

	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son 16 46-0001 Ilie Gladden			<b>Reported:</b> 11/3/2023 4:32:33PM
	SW	COMP 13 -	4'			
		E311012-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/02/23	11/03/23	
o,m-Xylene	ND	0.0500	1	11/02/23	11/03/23	
Fotal Xylenes	ND	0.0250	1	11/02/23	11/03/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/02/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	11/02/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		109 %	50-200	11/02/23	11/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344069
Chloride	ND	20.0	1	11/02/23	11/03/23	

# QC Summary Data

		QC D		ing Duc					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ckson 16 0046-0001 atalie Gladden	1				<b>Reported:</b> 11/3/2023 4:32:33PM
		Volatile O	rganics l				Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344067-BLK1)							Prepared: 1	1/02/23 A	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	0.0250	8.00		98.6	70-130			
LCS (2344067-BS1)							Prepared: 1	1/02/23 A	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: 1	1/02/23 A	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: 1	1/02/23 A	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**

		QC D	u111111	il y Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson 16 0046-0001 fatalie Gladden					<b>Reported:</b> 11/3/2023 4:32:33PM
	Noi	nhalogenated C	Organics	by EPA 801	5D - Gl	RO			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
	шеке	шукg	mg/kg	ing kg	70	70	70	70	Notes
Blank (2344067-BLK1)							Prepared: 1	1/02/23 A	nalyzed: 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: 1	1/02/23 A	nalyzed: 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: <b>E</b>	311012-0	07	Prepared: 1	1/02/23 A	nalyzed: 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: E	311012-0	07	Prepared: 1	1/02/23 A	nalyzed: 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**

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Tap Rock 7 W. Compress Road		Project Name: Project Number:		uckson 16 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	atalie Gladden					11/3/2023 4:32:33PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	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: I	E <b>311009-</b> (	)2	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: I	E <b>311009-</b> (	)2	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**

		$\mathbf{x} \in \mathbf{z}$	••••••		-				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson 16 20046-0001 Natalie Gladden	L				<b>Reported:</b> 11/3/2023 4:32:33PM
		Anions	by EPA	300.0/9056A	۱				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: 1	1/02/23 A	analyzed: 11/02/23
Chloride	ND	20.0							
LCS (2344069-BS1)							Prepared: 1	1/02/23 A	nalyzed: 11/02/23
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2344069-MS1)				Source:	E311010-(	)3	Prepared: 1	1/02/23 A	analyzed: 11/02/23
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2344069-MSD1)				Source:	E311010-(	)3	Prepared: 1	1/02/23 A	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.



ſ	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.

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Client: T	Magis			1	Bill To		15there	enges.	La	b Us	e Onl	V.				TA	τ	EPA P	rogram
Project	Leckson	16,			Attention: ENERGY STAFFING S	ERVICES	Contract of the	WO#		(清)	Job N	lumb	per	1D	2D	3D	Standard	CWA	SDWA
Project N	lanager: /	Vata	he.		Address: 2724 NW COUNTY RD		ES	5/10	012	- <u>-</u>	200	46	.0001		X		Land And Land A		DCDA
Address:	isticher.			es.	City, State, Zip HOBBS, NM 88						Analys	sis an	d Metho	4		1			RCRA
City, Stat	e, Zip				Phone: 575-393-9048			1									PAR CINS	State	]
Phone:					Email: NATALIE@ENERGYSTAFFIN	NGLLC.COM	015	015									NINAL CC	UT AZ	TY
Email:					BRITTNEY@ENERGYSTAFF	INGLLC.COM	by 8(	by 8(	8021	60	10	00.00		WN	XI			UT AL	
Report d	ue by:					A second readers	DRO	ORO	oy 80	y 82	\$ 60	de 3			1		X		1 1
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	5	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remarks	
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Additio	nal Instruc	tions:																	
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0		1.0.11.1.0		100	the children in the second sec	Contai	ner Ti	vne g	- gla	ss, p -	polv/	plast	ic, ag - an	nber g	lass,	ν - VO	A		
Note: Sa	moles are dis	carded 30	davs after	results are reported un	less other arrangements are made. Haz	ardous samples	will be	return	ned to	client	or disp	posed	of at the o	lient e	expense	se. Th	e report for the	analysis of th	ne above
samples	is applicable	only to the	ose samples	received by the labor	atory with this COC. The liability of the lal	poratory is limite	d to th	ne amo	ount p	aid fo	r on th	e rep	ort.						
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#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

lient:	Tap Rock Da	ate Received:	11/02/23 08	:15	Work Order ID: E311012
Phone:	(575) 390-6397 Da	ate Logged In:	11/01/23 14	:36	Logged In By: Caitlin Mars
Email:	natalie@energystaffingllc.com D	le Date:	11/03/23 17	':00 (1 day TAT)	
Chain o	of Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	'ourier
4. Was t	he COC complete, i.e., signatures, dates/times, requested	l analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did tl	he COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC per
Sample	Cooler				client.
7. Was a	a sample cooler received?		Yes		
8. If yes	s, was cooler received in good condition?		Yes		
9. Was t	he sample(s) received intact, i.e., not broken?		Yes		
10. Wer	e custody/security seals present?		No		
11. If ye	es, were custody/security seals intact?		NA		
12. Was 1	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes		
13. If no	o visible ice, record the temperature. Actual sample ter	nperature: 4°	С		
	<u>Container</u>				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
16. Is th	he 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	e appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	abel				
20. Wer	e field sample labels filled out with the minimum inform	ation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes	Ľ	
	Collectors name?		No		
	<u>Preservation</u> s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved meta	ıls?	No		
	hase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
~	es, does the COC specify which phase(s) is to be analyzed		NA		
			11/1		
27. If ye	tract Laboratory				
27. If ye <u>Subcon</u>	tract Laboratory samples required to get sent to a subcontract laboratory?		No		
27. If ye <u>Subcon</u> 28. Are	tract Laboratory samples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so		No NA S	Subcontract Lab	• na

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



envirotech Inc.

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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: J

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,



Page 552 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@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

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

Envirotech Web Address: www.envirotech-inc.com

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#### Sample Summarv

		Sample Sum	mary		
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	Jackson #16 20046-0001 Natalie Gladden		<b>Reported:</b> 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.



	56	impic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 ılie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 14 -	4'			
		E311024-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
p-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		94.8 %	70-130	11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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		94.7 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2344096
Chloride	144	20.0	1	11/03/23	11/04/23	

# Sample Data



		ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 15 -	4'			
		E311024-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	11/03/23	11/03/23	
-Xylene	ND	0.0250	1	11/03/23	11/03/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
urrogate: 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	
urrogate: 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	g Analyst: JL		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/03/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
'urrogate: n-Nonane		94.1 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	144	20.0	1	11/03/23	11/04/23	

	D.	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	rson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 16 -	4'			
		E311024-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		94.7 %	70-130	11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/03/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	11/03/23	11/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		93.6 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	146	20.0	1	11/03/23	11/04/23	

	56	ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 17 -	4'			
		E311024-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	Analys	t: 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	Analys	it: 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	Analys	t: BA		Batch: 2344096
Chloride	146	20.0	1	11/03/23	11/04/23	

		ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 18 -	4'			
		E311024-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		95.6 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	144	20.0	1	11/03/23	11/04/23	

		ampic D	uta			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	/ COMP 19 -	4'			
		E311024-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
Gurrogate: n-Nonane		93.4 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	142	20.0	1	11/03/23	11/04/23	

		ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	/ COMP 20 -	4'			
		E311024-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
-Xylene	ND	0.0250	1	11/03/23	11/03/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/03/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/03/23	
urrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/03/23	
Gurrogate: n-Nonane		94.6 %	50-200	11/03/23	11/03/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	140	20.0	1	11/03/23	11/04/23	

		ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 21 -	4'			
		E311024-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
oluene	ND	0.0250	1	11/03/23	11/04/23	
-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
Gurrogate: n-Nonane		87.7 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

		ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	son #16 46-0001 Ilie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	/ COMP 22 -	4'			
		E311024-09				
		Reporting				
Analyte	Result	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	
-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2344082		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
Gurrogate: n-Nonane		86.6 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SV	V COMP 23 -	4'			
		E311024-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RKS		
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	
p-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
Surrogate: n-Nonane		91.4 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	b	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 200	tson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SV	V COMP 24 -	4'			
		E311024-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RKS		
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Foluene	ND	0.0250	1	11/03/23	11/04/23	
p-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Fotal Xylenes	ND	0.0250	1	11/03/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		91.2 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	5	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	tson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	V COMP 25 -	4'			
		E311024-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RKS		
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Foluene	ND	0.0250	1	11/03/23	11/04/23	
p-Xylene	ND	0.0250	1	11/03/23	11/04/23	
p,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Fotal Xylenes	ND	0.0250	1	11/03/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		88.6 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	b	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SV	V COMP 26 -	4'			
		E311024-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RKS		
Benzene	ND	0.0250	1	11/03/23	11/04/23	
Ethylbenzene	ND	0.0250	1	11/03/23	11/04/23	
Foluene	ND	0.0250	1	11/03/23	11/04/23	
p-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Fotal Xylenes	ND	0.0250	1	11/03/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
Surrogate: n-Nonane		83.2 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

		sampic D	ala			
Tap Rock 7 W. Compress Road	Project Nam Project Num		son #16 46-0001			Reported:
Artesia NM, 88210	Project Mana		lie Gladden		11/6/2023 2:22:58PM	
,	5	0				
	51	V COMP 27 -	4'			
		E311024-14				
		Reporting				
Analyte	Result	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	
-Xylene	ND	0.0250	1	11/03/23	11/04/23	
,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
Surrogate: n-Nonane		85.1 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	5		ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	rson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	V COMP 28 -	4'			
		E311024-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS			Batch: 2344088
Benzene	ND	0.0250	1	11/03/23	11/04/23	
thylbenzene	ND	0.0250	1	11/03/23	11/04/23	
oluene	ND	0.0250	1	11/03/23	11/04/23	
-Xylene	ND	0.0250	1	11/03/23	11/04/23	
,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/03/23	11/04/23	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2344082
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
urrogate: n-Nonane		92.9 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	56		ata			
Tap Rock	Project Name:		cson #16			
7 W. Compress Road Artesia NM, 88210	Project Numbe Project Manag		46-0001 alie Gladden		<b>Reported:</b> 11/6/2023 2:22:58PM	
Antosia IVIVI, 66210	i toject Mallag	inata	the Gladden			11/0/2025 2.22.501 WI
	SW	COMP 29 -	4'			
		E311024-16				
		Reporting				
Analyte	Result	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	
p-Xylene	ND	0.0250	1	11/03/23	11/04/23	
o,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Fotal Xylenes	ND	0.0250	1	11/03/23	11/04/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	kg Analyst: RKS		Batch: 2344088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: 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	
Surrogate: n-Nonane		88.1 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	5	ampic D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 2004	rson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	/ COMP 30 -	4'			
		E311024-17				
		Reporting				
Analyte	Result	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	
<b>T</b> oluene	ND	0.0250	1	11/03/23	11/04/23	
-Xylene	ND	0.0250	1	11/03/23	11/04/23	
,m-Xylene	ND	0.0500	1	11/03/23	11/04/23	
Total Xylenes	ND	0.0250	1	11/03/23	11/04/23	
urrogate: 4-Bromochlorobenzene-PID		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	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys		Batch: 2344082	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/03/23	11/04/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/03/23	11/04/23	
'urrogate: n-Nonane		86.6 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

	56	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson #16 46-0001 alie Gladden			<b>Reported:</b> 11/6/2023 2:22:58PM
	SW	COMP 31 -	4'			
		E311024-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RKS		
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	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: RKS			Batch: 2344088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/23	11/04/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	11/03/23	11/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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	
Surrogate: n-Nonane		89.5 %	50-200	11/03/23	11/04/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2344096
Chloride	ND	20.0	1	11/03/23	11/04/23	

# **QC Summary Data**

		QC D	u	ny Duu	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ckson #16 0046-0001 atalie Gladden					<b>Reported:</b> 11/6/2023 2:22:58PM
Artesia NNi, 88210		, 0							11/0/2023 2.22.38FM
		Volatile O	rganics <b>k</b>	oy EPA 802	1B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344088-BLK1)							Prepared: 1	1/03/23 A	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	0.0250	8.00		95.4	70-130			
LCS (2344088-BS1)							Prepared: 1	1/03/23 A	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-(	07	Prepared: 1	1/03/23 A	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-(	07	Prepared: 1	1/03/23 A	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	
•	9.96	0.0500	10.0	ND	99.6	63-131	4.69	20	
n.m-Xvlene	9.90				22.0				
p,m-Xylene Total Xylenes	9.90 14.8	0.0250	15.0	ND	99.0 99.0	63-131	4.75	20	



## **QC Summary Data**

		QU N		i j Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	uckson #16 0046-0001 atalie Gladden					<b>Reported:</b> 11/6/2023 2:22:58PM
Artesia Nivi, 88210		Floject Manager.	I						11/0/2023 2.22.301 W
	Noi	nhalogenated O	rganics	by EPA 8015	5D - Gl	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2344088-BLK1)							Prepared: 1	1/03/23 A	nalyzed: 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: 1	1/03/23 A	nalyzed: 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: E	311024-0	07	Prepared: 1	1/03/23 A	nalyzed: 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: E	311024-0	07	Prepared: 1	1/03/23 A	nalyzed: 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**

		$\mathbf{x} \in \mathcal{Z}$		ing Data	•					
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ackson #16 0046-0001					Reported:	
Artesia NM, 88210		Project Manager:	Ν	atalie Gladden					11/6/2023 2:22:58PM	
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	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**

		$\mathbf{x} \in \mathbf{z}$	~						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	lackson #16 20046-0001 Natalie Gladden	L				<b>Reported:</b> 11/6/2023 2:22:58PM
		Anions	by EPA	300.0/9056A	1				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 (2344096-BLK1)							Prepared:	11/03/23 <i>A</i>	Analyzed: 11/04/23
Chloride LCS (2344096-BS1)	ND	20.0					Prepared:	11/03/23 <i>A</i>	Analyzed: 11/04/23
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2344096-MS1)				Source:	E311024-0	)1	Prepared:	11/03/23 A	Analyzed: 11/04/23
Chloride	394	20.0	250	144	100	80-120			
Matrix Spike Dup (2344096-MSD1)				Source:	E311024-0	)1	Prepared:	11/03/23 A	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.



ſ	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.

Bill To		1. Thinking	and in	1a	hlls	e On	lv			TAT	Т	EPA P	rogram
Attention: ENERGY STAFFIN	IG SERVICES	Lab	WO#	)2L		Job N	Number	1D	2D		Standard	CWA	SDW
ject Manager: Natalie Address: 2724 NW COUNTY	RD	ES	5110	220			Ole-0		X		San Public II-		RCRA
iress:	<u>A 88240</u>	-				Analy	rsis and Metl	100	1	TT			
r, State, Zip Phone: 575-393-9048 Email: NATALIE@ENERGYSTA	FFINGLLC.COM	15	15									State	1
ail: BRITTNEY@ENERGYST.		by 80	by 80	021	60	10	300.0	NN NN	LX			UT AZ	IX
port due by:	lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	ride 3		10.000		×	December	
ime Date Matrix No. of Containers Sampled Date D	Number	DRO/	GRO/	BTEX	VOC	Meta	Chloride	BGDOC	BGDOC			Remarks	
10/01/23 5 1 5W Cond 14 - 4	1							$\left  \right\rangle$	-				
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Sw comp 16 - 4	3												
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1 1 Sw Comp 22 - 4'	9			1	-	-			_			<u></u>	
11/01/23 5 1 Sw comp 23 - 4'	10							7					
dditional Instructions:													1.1
field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentional te or time of collection is considered fraud and may be grounds for legal action.	Ily mislabelling the sam	ple loca	tion,			Samp	cles requiring ther ed in ice at an avg	mal prese temp abo	rvation we 0 but	must be rea t less than t	ceived on ice the date 6 °C on subsequent of	y they are samy Jays.	bied of fece
te or time of collection is considered fraud and may be grounds for legal action. <u>Sampled by:</u> <u>Out</u> linquished by: (Signature) Date Time Received by: (Signature)	Date	19	Tim	e 12	2				-	Use On			
Los Solis 11/01/23 Michelle Com	igel 11-2-	22	Tim	23	0	Ree	ceived on id	e: (	Y	N			
elinquished by: (Signature) Date Time Received by: (Signature) Michaelle Counceller 11-2-23 1530 Anarch Mi	450 11	.7.7	31	180	0	T1	2		2		T3		
elinguished by: (Signature) Date Time Received by: (Signature)	Date	1_	Tim	е			0-	()			14		
Anthe musso 11.2.23 2400 decen	or In	2/2	3 2	1:15	D C D		G Temp °C plastic, ag - a		alass	v - VOA			

# Page 579 of 699

ont: T	CPROCK					Bill To		Late	ut th	La	b Us	e Onl	V.	. 125.			TAT			rogram
oject:	Jacin SU	n 1,6				Attention: ENERGY STAFF		La	o WO	*	-	Job M	Jumber	1000	1D	2D X	3D	Standard	I CWA	SDW
oject N	Jock SU	satal	1e		the f	Address: 2724 NW COUNT City, State, Zip HOBBS, N	<u>TY RD</u> JM 88240		57	lice	14	Analy	sis and N	Aethoo	1	X			19.1 19.1	RCRA
dress: v, Stat	e. Zip				F	Phone: 575-393-9048								T				2 (a)	State	
one:						Email: NATALIE@ENERGYS		hv 8015	8015				0					NMC	O UT AZ	TX
ail:	ue by:					BRITTNEY@ENERGY	STAFFINGLLC.COM	1 NH OR	Aq OX	8021	8260	6010	e 300.		MN	ΤX		X		
Time mpled	Date	Matrix	No. of	Sample II	)		Lab		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remark	5
mpled	Sampled		Containers				Numb	ier 2	5 5	B1	>	Σ	0			ä				
	11/01/23	5	l	SW	Comp	24-4	11								X					
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	11/01/23	5	$\frac{1}{1}$			31 - 4	18	HIDERA							X	1				
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				· · · · · · · · · · · · · · · · · · ·		ware that tampering with or intentio	nally mislabelline the s	ample lo	cation.			Samp	les requiring	thermal	preserv	ation mu	ist be rea	ceived on ice the	day they are san	npled or rece
					unds for legal a		Juan Solis					packe	ed in ice at a	n avg ten				5°C on subseque	nt days.	
linqui	hed by: (Sign	nature)	D:	ste 1/01/2	Time	Received by: (Signature)	Sunte U-	2.2	3 Tir	$l^{e}23$	30	Ree	ceived o	n ice:	/	ab U:		ity		
elinqui	hed by: (Sig	nature)	D	ate 11-2-23	Time 153	Received by: (Signature)	Date Date	11.7	.72 Tir	ne 18	20	T1			<u>T2</u>			<u>T3</u>		
elinqyi	shed by: (Sig		D	late	Time	Received by: (Signature)	Date		23	ne 8'.1			G Temp	°c V	1					
1		mso		11.2.23 A - Aqueous, C	0.1	ss other arrangements are made	Cont	ainer	Tyne: 8	- glas	s. p -	vlog	plastic, a	g - am	ber gl	ass, v	- VOA			

## **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

imail:     insuling@uengysubfligit.com     Due Due::     11.06231750 (1 day TAT)            The insuling@uengysubfligit.com         Due Due::         11.06231750 (1 day TAT)                The insuling@uengysubfligit.com             The insuling of th	Client:	Tap Rock D	ate Received:	11/03/23	08:15	Work Order ID:	E311024
timm!       makin@Genergestuffingllc.com       Due Dat:       11.062317201 (1.4sy TAT)         Chain of Castedy COCL       Ves       Contract Counter         1. Does the number of samples presempting site location match the COC       Yes       Carrier: Counter         3. Were all samples dropped of By client or carrie?       Yes       Carrier: Counter         4. Was the COC complete, i.e., signatures, dates/times, requested analyses?       Yes       Carrier: Counter         5. Were all samples tecriced within holding time?       Yes       Comments/Resolution         6. US mumber bold time, reconstacted in the field, ts. ts. Thomas hold time, reconstacted in the idea intoxics.       Comments/Resolution         6. US was a color received?       Yes       Set         8. Uyes, was cooler received?       Yes       Set         9. Was the sample cooler received?       Yes       Na         10. Were custed/systearity sets in itact?       Yes       Na         11. Uyes, were custed/security sets in itact?       Na       Na         12. Was the sample coller received in its of Yes, the recorded time is 4%C i.e. 6*2*C       Na         12. Was the sample coller received in its of Yes, the recorded res is 15       Na         13. If no visible ice, record the temperature. Actual sample temperature: 4*C       Na         14. Are aqaeoot VOC samples present?       Na <th>Phone:</th> <th>(575) 390-6397 D</th> <th>ate Logged In:</th> <th>11/02/23</th> <th>14:52</th> <th>Logged In By:</th> <th>Lacey Rodgers</th>	Phone:	(575) 390-6397 D	ate Logged In:	11/02/23	14:52	Logged In By:	Lacey Rodgers
2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by elient or carrier? Yes 4. Was the COC complete, i.e., agaturtes, dates/times, requested analyses? Yes 5. Were all samples received within holding time? 5. Wore all samples received within holding time? 5. Sumed Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes 5. Mere all sample cooler received? Yes 8. If yes, was cooler received? Yes 8. If yes, was cooler received in too broken? Yes 9. Was the sample (so received intext, i.e., not broken? Yes 10. Were custed/yescurity seals intate? No 11. If yes, were custed/yiescurity seals intate? No 11. If yes, were custed/yiescurity seals intate? No 11. If yes, were custed/yiescurity seals intate? No 13. Are yangeous OVC samples present? No 15. Are VOC samples collected in tOA Vials? NA 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in too visit of uses? NA 18. Are non-VOC samples collected in the innimum information 5. Sample 107 2. Was the sample tooler too visit of uses? NA 19. Is the appropriate volume/weight or number of sample containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes 2. Date: There of the out with the minimum information 5. Sample 107 2. Date: The out the out of the out with the minimum information 5. Sample 107 2. Are samples (concret the none plase, i.e., multiphase? No 2. Are samples (concret then one plase, i.e., multiphase? No 2. Are samples (concret then one plase, i.e., multiphase? No 2. Are samples (concret then one plase, i.e., multiphase? No 3. Concret then one plase, i.e., multiphase? No 3. Concret then one plase, i.e., multiphase? No 3. Are sample tore than one plase, i.e., multiphase? No 3. Are sample tore than one plase, i.e., multiphase? No 3. Are sample tore than one plase, i.e., multiphase? No 3. Are sample tore than one plase, i.e., multiphase? No 3. Are sample tore than one plase, i.e., multipha	Email:			11/06/23	17:00 (1 day TAT)		
<ul> <li>2. Does the number of samplies presampling site location match the COC Yes</li> <li>3. Were samples dropped off by dient or carrier?</li> <li>4. Was the COC complete, i.e., signatures, dates/times, requested analyses?</li> <li>5. Were all samples received within holding time?</li> <li>5. Were all samples received within holding time?</li> <li>5. Somed Turn Aryang Time? TATS</li> <li>6. Did the COC indicate standard TAT, or Expedited TAT?</li> <li>6. Did the COC indicate standard TAT, or Expedited TAT?</li> <li>7. Was a sample cooler received?</li> <li>9. Was the sample cooler received in good condition?</li> <li>9. Was the sample cooler received in the other of the other othe</li></ul>	Chain of	f Custody (COC)					
3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Note: Analysis, and as pf which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion. Sample Correctived? New not included in this discussion. Sample Correctived? New not included in this discussion. Sample Correctived? Yes Sample Correctived? Yes Sample Cooler received ing ood condition? Yes 9. Was the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custed/ysecurity seals present? 10. Were custed/ysecurity seals intact? 11. If yes, were custed/ysecurity seals intact? 12. Was the sample received on is for equired, if samples are received wit 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: <u>4°C</u> Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 min (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the former containers? 20. Were field sample tabels filled out with the minimum information: Sample Drater? 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample babis filled out with the minimum information: Sample Drater? 21. Drase the COC or field labels indicate the samples were preserved? At Is his filteration required and/or requested for dissolved metals? At Is lish filteration required and/or requested for dissolved metals? At Is lish the integration required for dissolved metals? At Is lish the integration required for dissolved metals? At Is lish the integration required for dissolved metals? At Is lish filteration required and/or requested for dissolved metals? At Is lish filteration required and/or requested for dissolved metals? At the sample stargered to get sent to a subcontract	1. Does t	the sample ID match the COC?		Yes			
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes S. Were all samples received within holding time? Yes Note: Analysis, such as fly which should be conduced in the field, i.e., 15 minute hold time, are not included in this dissession. 5. Did the COC indicate standard TAT, or Expedited TAT? Yes 5. Sample Cooler received? Yes 8. If yes, was cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample (s) received intext, i.e., not broken? Yes 10. Were catadofysiccurity seals intact? No 11. If yes, were custody/security seals intact? No 11. If yes, were custody/security seals intact? No 11. If yes, were custody/security seals intact? No 12. Was the sample received on iso? If yes, the recorded temp is 4°C, i.e., 6°=2°C Sample Continer 14. Are aqueous VOC samples orlected in VOA Vials? NA 15. Is the head space less than 6-8 mm (pea sized or less)? NA 15. Is the head space less than 6-8 mm (pea sized or less)? 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? Yes <b>Field Label</b> 20. Were field sample labels filled out with the minimum information: Sample Cord field labels indicate the samples were preserved? No 21. Over Cord (C) refield labels indicate the samples were preserved? No 22. Are sample (S) correctly preserved? No 23. Are sample (S) correctly preserved? No 24. Are sample (S) correctly preserved? No 25. Are sample (S) correctly preserved? No 26. Are sample (Mart) 46. Submet Mart) 56. Submet Freezewation 37. If yes, dess the COC specify which phase(s) is to be analyzed? No 56. Submet Mart) 56. Submet Mart 56. Submet Mart 56. Submet Mart 56. Submet Mart 56. Submet Mart 56. Submet Mart 56. Submet Mart 57. Submet Mart 56. Submet Mart 57. Submet Mart 57. Submet Mart 57. Submet Mart 58. Submet Mart	2. Does t	the number of samples per sampling site location match	the COC	Yes			
4. Was the COC complete, i.e., signatures, dutes/times, requested analyses? Yes Some: Analysis, auch as ph/ which should be confaceed in the field, i.e. (5 minute bold ince, are not included in fits discussion. 5. Some <b>Curr Around Time (TAT)</b> 6. Did the COC indicate standard TAT, or Expedited TAT? Yes <b>Sample Cooler</b> received? Yes 8. If yes, was cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received in good condition? Yes 9. Was the sample cooler received in good condition? Yes 9. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes 9. Now: Entrody/security seals intact? No 11. If yes, were custody/security seals intact? No 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes 9. Now: Entrody/security seals intact? No 13. If no visible (e., record the temperature: 4°C <b>Sample Container</b> 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vial? 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? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Collectors name? Yes 10. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample (s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No <b>Samule Treservation</b> 24. Is lab filteration required and/or requested for dissolved metals? No <b>Samule Treservation</b> 25. Dres the sample labels indicate the samples were preserved? No 24. Are sample(s) correctly preserved? No 25. Are sample(s) correctly preserved? No 26. Dres the sample haves for than one phase, i.e., multiphase? No <b>Samule Treservation</b> 26. Dres the sample were preserved? No 27. Are sample sequired to get sent to a subcontract laboratory No <b>Samule Treservation</b> 26. Are sample haves more than one phase, i.e., multiphase? No 27.	3. Were s	samples dropped off by client or carrier?		Yes	Carrier: Courier		
Note: Analysis, such as pH which abould be conducted in the field, is, is for mine hold time, en on included in this discussion. Sample Cort. 7. Was a sample cooler received? 7. Was a sample cooler received? 9. Was the sample (s) received intex, i.e., not broken? 9. Was the sample (s) received intex, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals inted? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Not. Thread procerration is not required. If samples are received wil 15 minutes of sampling 13. If no visible (sor, record the temperature. Actual sample temperature: $\frac{4°C}{2°C}$ 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the papopriate volume/weight or number of sample containers collected? 19. Is the papopriate volume/weight or number of sample containers collected? 10. Overs field abble indicate the samples were preserved? 10. Overs field abble indicate the samples were preserved? 10. Overs field abble is difficated to fissolved metals? 10. Does the COC or field labbles indicate the samples were preserved? 10. Does the COC or field labbles indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the samples were preserved? 10. Does the COC or field bables indicate the sample	4. Was th	he COC complete, i.e., signatures, dates/times, requested	1 analyses?	Yes			
6. Did the COC indicate standard TAT, or Expedited TAT?       Yes         Sample Cooler       Yes         9. Was a sample cooler received in good condition?       Yes         9. Was the sample cooler received in good condition?       Yes         10. Were custody/security seals presen?       No         11. If yes, were condody/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         Mote: Thermal preservation is not required, if samples are received wil 15       MA         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{2°C}$ Yes         Sample Container       No         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 arig 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         20. Were field sample labels filled out with the minimum information:       Sample ID?         21. Joss the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correcity preserved?       No	5. Were a	Note: Analysis, such as pH which should be conducted in the	e field,	Yes		Comment	ts/Resolution
Sample Cooler       Yes         7. Was a sample cooler received?       Yes         8. If yes, was cooler received intact, i.e., not broken?       Yes         9. Was the sample (so) 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 wi15       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         17. Was a trip blank (TB) included for VOC analyses?       NA         18. Are non-VOC samples collected in the correct containers?       Yes         Date?Time Collected?       Yes         Collectors name?       Yes         Collectors name?       No         21. Bots the Experime of House the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         23. Los the COC or field labels indicate the samples were preserved?       No         24. Is lab for fitteration required and/or requested for dissolved metals?	Sample '	<u>Turn Around Time (TAT)</u>					
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°42°C       Yes         Not: Themal preservation is not required, if samples are received wi 15 minutes of sampling       No         13. If no visible ice, record the temperature. Actual sample temperature: $\frac{4°C}{4°S}$ No         14. Are aqueous VOC samples present?       No         15. Are back pace less than 6-8 mm (pea sized or less)?       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         20. Were field sample labels filled out with the minimum information:       Sample Collected?         Sample Collected?       Yes         21. Joos the COC or field labels indicate the samples were preserved?       No         21. Are sample(s) correctly preserved?       Na         21. Is aba filteration	6. Did th	e COC indicate standard TAT, or Expedited TAT?		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       Yes         Sample Container       No         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         Date/Time Collected?       Yes         Ould cross name?       Yes         Date/Time Collected?       Yes         Collectors name?       No         20. Were field sample labels filled out with the minimum information:       Sample 10?         Sample ID?       Yes         Date/Time Collected?       No         21. Is bas filtenation requined and/or requested for dissolv	Sample	<u>Cooler</u>					
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 Not: 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: $\frac{4°C}{2}$ 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 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was at tip 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 Collectors name? No Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? No 23. Are sample(s) correctly preserved? No 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the COC specify which phase(s) is to be analyzed? No 27. If yes, does the COC specify which phase(s) is to be analyzed? No Subcontract Laboratory 28. Are sample have more than one phase, i.e., multiphase? No Multiphase Sample Matrix 26. Does the SCOC specify which phase(s) is to be analyzed? Na Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	7. Was a	sample cooler received?		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         Not: Thermal preservation is not required, if samples are received wil 15 minutes of sampling       The sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C         Sample Container       I       I         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         O. Were field sample labels filled out with the minimum information:       Sample ID?         Sample Preservation       No         21. Obes the COC or field labels indicate the samples were preserved?       No         Sample Preservation       No         21. Are sample(s) correctly preserved?       No         Multiphase Sample Matrix       No         20. Are sample have more tha	8. If yes,	, was cooler received in good condition?		Yes			
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 wi 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         Date/Time Collected?       Yes         Date/Time Collected?       Yes         Collectors name?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the COC specify which phase(s) is to be analyzed?       NA         26. Are sample have more than one phase, i.e., multiphase?       No	9. Was th	he sample(s) received intact, i.e., not broken?		Yes			
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       Note: Thermal preservation is not required, if samples are received w/i 15         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         Pield Label       20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes       Yes         Oldectors name?       No         21. Does the COC or field labels indicate the samples were preserved?       No         21. Does the COC or field labels indicate the samples were preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the COC specify which phase(s) is to be analyzed?       Na         28. Are sample required to get sent to a subcontract laboratory?       No	10. Were	e custody/security seals present?		No			
Note: Thermal preservation is not required, if samples are received wit 15       In received wit 15         minutes of sampling       Actual sample temperature: 4°C         Sample Container       No         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         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         23. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         Subcontract Laboratory       Na         28. Are sample required	11. If yes	s, were custody/security seals intact?		NA			
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         19. Ste appropriate volume/weight or number of sample containers collected?       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         Sample for preservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         28. Are samples required to get sent to a subcontract laboratory?       No	12. Was t	Note: Thermal preservation is not required, if samples are re		Yes			
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         28. Are samples required to get sent to a subcontract laborator?       No	13. If no	visible ice, record the temperature. Actual sample ter	nperature: <u>4°</u>	<u>C</u>			
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       Yes         20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       Na         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         71. If yes, does the COC specify which phase(s) is to be analyzed?       Na         28. Are samples required to get sent to a subcontract laborator?       No	Sample	<u>Container</u>					
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	14. Are a	aqueous VOC samples present?		No			
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 <b>Field Label</b> 20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         Sample ID       No         Sample Scorrectly preserved?       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         23. Are sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         Multiphase Sample Matrix       No         26. Does the COC specify which phase(s) is to be analyzed?       Na         27. If yes, does the COC specify which phase(s) is to be analyzed?       Na         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	15. Are V	VOC samples collected in VOA Vials?		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       Yes         20. Were field sample labels filled out with the minimum information:       Sample ID?         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         Sample Preservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       No         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         71. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
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?         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         21. Does the COC or field addrest indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the sample have more than one phase, i.e., multiphase?       No         27. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	17. Was	a trip blank (TB) included for VOC analyses?		NA			
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       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         7. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	18. Are 1	non-VOC samples collected in the correct containers?		Yes			
20. Were field sample labels filled out with the minimum information:       Yes         Sample ID?       Yes         Date/Time Collected?       Yes         Collectors name?       No         Sample Preservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         26. Does the sample have more than one phase, i.e., multiphase?       No         71. If yes, does the COC specify which phase(s) is to be analyzed?       NA         Subcontract Laboratory       No         28. Are samples required to get sent to a subcontract laboratory?       No	19. Is the	appropriate volume/weight or number of sample containers	s collected?	Yes			
Sample ID?YesDate/Time Collected?YesCollectors name?NoSample PreservationNo21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NASubcontract LaboratoryNA28. Are samples required to get sent to a subcontract laboratory?No	Field La	<u>ıbel</u>					
DatYesCollectors name?NoSample Preservation121. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample Matrix		-	ation:	•-			
Collectors name?NoSample PreservationNo21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample MatrixNo26. Does the sample have more than one phase, i.e., multiphase?No27. If yes, does the COC specify which phase(s) is to be analyzed?NaSubcontract LaboratoryNa28. Are samples required to get sent to a subcontract laboratory?No		1					
Sample Preservation       No         21. Does the COC or field labels indicate the samples were preserved?       No         22. Are sample(s) correctly preserved?       NA         24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No							
21. Does the COC or field labels indicate the samples were preserved?No22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample Matrix				100			
22. Are sample(s) correctly preserved?NA24. Is lab filteration required and/or requested for dissolved metals?NoMultiphase Sample Matrix			erved?	No			
24. Is lab filteration required and/or requested for dissolved metals?       No         Multiphase Sample Matrix       26. Does the sample have more than one phase, i.e., multiphase?       No         26. Does the core specify which phase(s) is to be analyzed?       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       No							
Multiphase Sample Matrix       No         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       NA         28. Are samples required to get sent to a subcontract laboratory?       No		- · · · · · · · · · · · · · · · · · · ·	als?				
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       NA         28. Are samples required to get sent to a subcontract laboratory?       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			,	No			
Subcontract Laboratory         28. Are samples required to get sent to a subcontract laboratory?       No							
28. Are samples required to get sent to a subcontract laboratory? No							
			,	No			
					Subcontract Lab: na		

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







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: J

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

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,



Page 583 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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		Sample Sum	mary		
Tap Rock		Project Name:	Jackson #16		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reporteu:
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.

C



	5	ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 2004	son #16 46-0001 alie Gladden			<b>Reported:</b> 11/8/2023 2:25:44PM
	S	P Comp 73-4	.*			
		E311049-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Foluene	ND	0.0250	1	11/07/23	11/07/23	
p-Xylene	ND	0.0250	1	11/07/23	11/07/23	
o,m-Xylene	ND	0.0500	1	11/07/23	11/07/23	
Fotal 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	Anal	yst: 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	Anal	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	Anal	yst: BA		Batch: 2345023
Chloride	ND	20.0	1	11/06/23	11/08/23	

## Sample Data



## **QC Summary Data**

		<u> </u>							
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson #16 0046-0001 latalie Gladden	1				<b>Reported:</b> 11/8/2023 2:25:44PM
,		, ,	rganics l	by EPA 802	1 <b>B</b>				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	-
Anaryte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345033-BLK1)							Prepared: 1	1/07/23	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: 1	1/07/23	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:	E311047-2	22	Prepared: 1	1/07/23	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:	E311047-2	22	Prepared: 1	1/07/23	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	
								20	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131	1.10	20	
	9.89 14.8	0.0500 0.0250	10.0 15.0	ND ND	98.9 98.5	63-131 63-131	1.10	20 20	



## **QC Summary Data**

		QC D	u 111111	ary Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16 0046-0001 Iatalie Gladden					<b>Reported:</b> 11/8/2023 2:25:44PM
	Noi	nhalogenated C	Organics	by EPA 801	5D - Gl	RO			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: 1	1/07/23 A	nalyzed: 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: 1	1/07/23 A	nalyzed: 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: E	311047-2	22	Prepared: 1	1/07/23 A	nalyzed: 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: E	311047-2	22	Prepared: 1	1/07/23 A	nalyzed: 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		<i>93.7</i>	70-130			



## **QC Summary Data**

		QC D		ary Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Jackson #16 20046-0001 Natalie Gladden					<b>Reported:</b> 11/8/2023 2:25:44PM
	Nonh	alogenated Org	anics by	y 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: <b>F</b>	311051-	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: <b>E</b>	311051-	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 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16 20046-0001 Natalie Gladden	L				<b>Reported:</b> 11/8/2023 2:25:44PM
		Anions	by EPA	300.0/9056A	<b>\</b>				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: 1	11/06/23 A	Analyzed: 11/07/23
Chloride LCS (2345023-BS1)	ND	20.0					Prepared: 1	1/06/23 A	Analyzed: 11/07/23
Chloride	240	20.0	250		96.0	90-110			
Matrix Spike (2345023-MS1)				Source:	E311034-(	)7	Prepared: 1	11/06/23 A	Analyzed: 11/07/23
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2345023-MSD1)				Source:	E311034-(	)7	Prepared: 1	1/06/23 A	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.



ſ	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.





Proi	lect	In	forma	ation

	CRO/DRO by 8015	040	1 2	b Numl	d Metho		2D ~	TA 3D	Standard	EPA Pi CWA	SDWA RCRA
w 8015	y 8015			alysis ar	-0001	d WN	×				RCRA
w 8015	y 8015		An	alysis ar	d Metho	WN	ΙX				RCRA
	GRO/DRO by 8015	BTEX by 8021		0		WN	TX		SIG BASS		
	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0		1 1	TX				1
1 cos nu cos	GRO/DRO by 801	BTEX by 8021	VOC by 8260	Chloride 300.0		1 1	τx			State	
er er	GRO/DRO by	BTEX by 802	VOC by 8260	Chloride 300		1 1	XI.		NM CO	UT AZ	TX
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mple lo	cation.		S	amples requ	iring thermal	preserva	tion mu	ist be re	ceived on ice the day	they are samp	led or rece
				acked in ice	at an avg ten					ays.	
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1.6.		Transit V		Г1		<u>T2</u>			<u>T3</u>		
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## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock D	ate Received:	11/07/23 08	3:19	Work Order ID	E311049
Phone:	(575) 390-6397 D	ate Logged In:	11/06/23 14	4:43	Logged In By:	Abrianna Cortez
Email:	natalie@energystaffingllc.com D	ue Date:	11/08/23 17	7:00 (1 day TAT)		
Chain o	f Custody (COC)					
1. Does	the sample ID match the COC?		Yes			
2. Does	the number of samples per sampling site location match	the COC	Yes			
3. Were	samples dropped off by client or carrier?		Yes	Carrier: Co	ourier	
4. Was th	he COC complete, i.e., signatures, dates/times, requested	1 analyses?	Yes			
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comme	ents/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>					
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not pro	vided on COC per
Sample	<u>Cooler</u>				client.	
7. Was a	a sample cooler received?		Yes			
8. If yes,	, was cooler received in good condition?		Yes			
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes			
10. Were	e custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample ter	mperature: 4°	С			
	<u>Container</u>	I				
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	e appropriate volume/weight or number of sample containers	s collected?	Yes			
Field La	abel					
	e field sample labels filled out with the minimum inform	ation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes	L		
	Collectors name?		No			
	<u>Preservation</u> s the COC or field labels indicate the samples were press	amad9	N-			
	sample(s) correctly preserved?		No NA			
	b filteration required and/or requested for dissolved meta	als?	NA No			
	• •		110			
	nase Sample Matrix	•	<b>N</b> 7			
	s the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyze	ur.	NA			
Subcont	tract Laboratory					
• • •		,	No			
	samples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so			Subcontract Lab:		

Date



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

•





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: E311074

Job Number: 20046-0001

Received: 11/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/13/23

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: 11/13/23

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,



Page 595 of 699

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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#### **Sample Summary**

		Sample Sum	mary		
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

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		Sample Sum	mai y		
Tap Rock		Project Name:	Jackson #16H		Reported:
7 W. Compress Road		Project Number:	20046-0001		Tiportui
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.



	5		ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 103-4				
		E311074-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/10/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/10/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/10/23	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/10/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil 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	Anal	yst: BA		Batch: 2345099
Chloride	25.6	20.0	1	11/10/23	11/13/23	

## Sample Data



	56	ample D	ata			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001			Reported:
1	Project Number Project Manag		lie Gladden			Reported: 11/13/2023 5:06:42PM
	, ,					
	-	COMP 104-4				
		E311074-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
p-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		94.9 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		92.0 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2345099
Chloride	20.4	20.0	1	11/10/23	11/13/23	



	D.	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 105-4				
		E311074-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2345106
Benzene	ND	0.0250	1	11/10/23	11/10/23	
Ithylbenzene	ND	0.0250	1	11/10/23	11/10/23	
oluene	ND	0.0250	1	11/10/23	11/10/23	
-Xylene	ND	0.0250	1	11/10/23	11/10/23	
,m-Xylene	ND	0.0500	1	11/10/23	11/10/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/10/23	
urrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	11/10/23	11/10/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/10/23	
urrogate: 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	Analys	st: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
'urrogate: n-Nonane		92.3 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2345099
Chloride	22.0	20.0	1	11/10/23	11/13/23	

	56	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	COMP 106-4				
		E311074-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal 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	Analy	yst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		86.4 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2345099
Chloride	24.6	20.0	1	11/10/23	11/13/23	

	D.	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	COMP 107-4				
		E311074-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		86.5 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345099
Chloride	24.9	20.0	1	11/10/23	11/13/23	

	D	ampic D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numb		Jackson #16H 20046-0001			Reported:
Artesia NM, 88210	Project Manag		alie Gladden		11/13/2023 5:06:42PM	
	(	COMP 108-4				
		E311074-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-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		94.3 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g 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		89.0 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2345099
Chloride	21.0	20.0	1	11/10/23	11/13/23	

		ample D	aca			
-	Project Name:		son #16H			_
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	ilie Gladden			11/13/2023 5:06:42PM
	C	COMP 109-4				
		E311074-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-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		94.1 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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		88.1 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2345099
Chloride	22.1	20.0	1	11/10/23	11/13/23	



	56	ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	tson #16H 46-0001 alie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	C	COMP 110-4				
	-	E311074-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-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	Analys	t: 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	Analys	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	Analys	t: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



	50	imple D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	C	COMP 111-4				
	]	E311074-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	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	
Dil 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	Analy	rst: BA		Batch: 2345099
Chloride	21.8	20.0	1	11/10/23	11/13/23	

	50	imple D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001	Reported:		
1	Project Manage		ilie Gladden		11/13/2023 5:06:42PM	
	C	COMP 112-4				
	]	E311074-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		91.2 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2345099
Chloride	20.1	20.0	1	11/10/23	11/13/23	



	56	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	0	COMP 113-4				
		E311074-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,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	Analys	st: 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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Gurrogate: n-Nonane		88.6 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	

	50	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	0	COMP 114-4				
		E311074-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		90.7 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	
	Di	ample D	ala			
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Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/13/2023 5:06:42PM
	(	COMP 115-4				
		E311074-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
o,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		93.1 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		90.3 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 116-4				
		E311074-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		89.8 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



	5	ampie D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 1lie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 117-4				
		E311074-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		95.0 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	

	56	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	C	COMP 118-4				
		E311074-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,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		92.8 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Gurrogate: n-Nonane		92.9 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	

Project Name:	Jack	son #16H				
Project Numbe	er: 2004	46-0001				Reported:
Project Manag	ger: Nata	ilie Gladden				11/13/2023 5:06:42PM
0	COMP 119-4					
	E311074-17					
	Reporting					
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: F	RKS		Batch: 2345106
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0500	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
	93.4 %	70-130		11/10/23	11/11/23	
mg/kg	mg/kg	A	Analyst: RKS			Batch: 2345106
ND	20.0	1		11/10/23	11/11/23	
	94.3 %	70-130		11/10/23	11/11/23	
mg/kg	mg/kg	Analyst: KM			Batch: 2345110	
ND	25.0	1		11/10/23	11/11/23	
ND	50.0	1		11/10/23	11/11/23	
	92.4 %	50-200		11/10/23	11/11/23	
mg/kg	mg/kg	A	Analyst: E	BA		Batch: 2345099
ND	20.0	1		11/10/23	11/13/23	
	Project Numb Project Manag	Project Number:         2004           Project Manager:         Nata           COMP 119-4         E311074-17           E311074-17         Reporting           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         0.0250           Mg/kg         mg/kg           Mg/kg         Mg/kg           Mg/kg         S0.0           ND         50.0           ND         50.0           Mg/kg	Project Number:       20046-0001         Project Manager:       Natalie Gladden         CUMP 119-4       E311074-17         E311074-17       E311074-17         Result       Limit       Dilu         Result       Limit       Dilu         Mg/kg       mg/kg       1         ND       0.0250       1         ND       20.0       1         MD       20.0       1         MD       20.0       1         MD       25.0       1         ND       25.0       1         ND       50.0       1         ND       50.0       1         ND       25.0       1         ND       50.0       1	Project Number:     20046-0001       Project Manager:     Natalie Gladden       COMP 119-4       E311074-17       Result     Limit       Dilution       Result     Limit     Dilution       mg/kg     mg/kg     Analyst: R       ND     0.0250     1       ND     20.0     1       mg/kg     mg/kg     Analyst: R       ND     20.0     1       ND     25.0     1       ND     50.0     1       ND     50.0     1       ND     50.200     1	Project Number: $20046-0001$ Natalie Gladden         Project Manager:       Natalie Gladden         CUP 119-4 $COMP 119-4$ E311074-17 $E311074-17$ E311074-17 $Dilution$ Prepared         Result       Limit       Dilution       Prepared         Mode $Mode       Mode       Mode       Mode         ND       0.0250       1       11/10/23         ND       20.0       1       11/10/23         MD       20.0       1       11/10/23         MD       25.0       1       11/10/23         MD       25.0       1       11/10/23         MD       25.0       1       11/10/23         MD       $	Project Number:       20046-0001         Project Manager:       Natalie Gladden         COMP 119-4         COMP 119-4         E311074-17         E311074-17         Result       Limit       Dilution       Prepared       Analyzed         Mp       0.0250       1       11/10/23       11/11/23         ND       0.0250       1       11/10/23       11/11/23         mg/kg       mg/kg       Analyst: RK       V         ND       25.0       1       11/10/23       11/11/23         ND       25.0       1       11/10/23       11/11/23         ND



	5	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Number		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag		lie Gladden			Reported: 11/13/2023 5:06:42PM
· · · · · · · · · · · · · · · · · · ·	5	-				
		COMP 120-4				
		E311074-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
-Xylene	ND	0.0250	1	11/10/23	11/11/23	
,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/11/23	
urrogate: 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	
urrogate: 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	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
urrogate: n-Nonane		91.7 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	



	50	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	C	COMP 121-4				
		E311074-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,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		92.4 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2345106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Analyst: KM		Batch: 2345110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		92.2 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2345099
Chloride	ND	20.0	1	11/10/23	11/13/23	

5	er: 2004	46-0001				<b>Reported:</b> 11/13/2023 5:06:42PM
С	COMP 122-4					
	E311074-20					
	Reporting					
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: Rl	KS		Batch: 2345106
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
ND	0.0500	1		11/10/23	11/11/23	
ND	0.0250	1		11/10/23	11/11/23	
	91.6 %	70-130		11/10/23	11/11/23	
mg/kg	mg/kg	A	Analyst: RKS		Batch: 2345106	
ND	20.0	1		11/10/23	11/11/23	
	95.5 %	70-130		11/10/23	11/11/23	
mg/kg	mg/kg	Analyst: KM		Batch: 2345110		
ND	25.0	1		11/10/23	11/11/23	
ND	50.0	1		11/10/23	11/11/23	
	99.6 %	50-200		11/10/23	11/11/23	
mg/kg	mg/kg	A	Analyst: B.	A		Batch: 2345099
21.6	20.0	1		11/10/23	11/13/23	
	Project Numbo Project Manage Result Mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Number:         2004           Project Manager:         Nata           ECUTI22-4         E311074-20           E311074-20         Reporting           Result         Limit           mg/kg         mg/kg           MD         0.0250           ND         20.0           gg/kg         mg/kg           Mg/kg         S0.0           ND         25.0           ND         50.0           ND         50.0           ND         99.6 %           mg/kg         mg/kg	Project Number:       20046-0001         Project Manager:       Natalie Gladden         CUP122-4       E311074-20         E311074-20       Image State Stat	Project Number:       20046-0001         Project Manager:       Natalie Gladden         COMP 122-4       E311074-20         E311074-20       E311074-20         Result       Limit       Dilution         Result       Limit       Dilution         mg/kg       mg/kg       Analyst: RI         ND       0.0250       1         ND       20.0       1         Mg/kg       mg/kg       Analyst: RI         MD       20.0       1         MD       20.0       1         MD       25.0       1         ND       50.0       1         ND       50.0       1         ND       50.2000       1	Project Number: $20046-0001$ Project Manager:       Natalie Gladden         REUL $IIII074-20$ E311074-20       Prepared         Result       Dilution       Prepared         Result       Dilution       Prepared         MD       0.0250       1       1/10/23         ND       20.02       1       1/10/23         MD       20.02       1       1/10/23         MD       20.0       1       1/10/23         MD       20.0       1       1/10/23         MD       25.0       1       1/10/23         MD       25.0       1       1/10/23<	Project Number: $20046-0001$ Project Manager: $Natalie Gladden$ <b>COMP 122-4 E311074-20 E311074-20 Result Europring Reporting Reporting</b> Result       Limit       Dilution       Prepared       Analyzed         Mg/kg       mg/kg       Analyzet       11/10/23       11/11/23         ND       0.0250       1       11/10/23       11/11/23         MD       20.0       1       11/10/23       11/11/23         MD       20.0       1       11/10/23       11/11/23         MD       20.0       1       11/10/23       11/11/23         MD       25.0       1       11/10/23       11/11/23



	56	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	COMP 123-4				
		E311074-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane		92.6 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345102
Chloride	20.7	20.0	1	11/10/23	11/13/23	

	56	imple D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	C	OMP 124-4				
		E311074-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2345105
enzene	ND	0.0250	1	11/10/23	11/11/23	
thylbenzene	ND	0.0250	1	11/10/23	11/11/23	
oluene	ND	0.0250	1	11/10/23	11/11/23	
-Xylene	ND	0.0250	1	11/10/23	11/11/23	
,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
otal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
urrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	11/10/23	11/11/23	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2345105
asoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	11/10/23	11/11/23	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2345111	
viesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
vil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
urrogate: n-Nonane		96.1 %	50-200	11/10/23	11/10/23	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2345102
hloride	20.1	20.0	1	11/10/23	11/13/23	

		<b>Reported:</b> 11/13/2023 5:06:42PM
Prepared	Analyzed	Notes
KS .		Batch: 2345105
11/10/23	11/11/23	
11/10/23	11/11/23	
11/10/23	11/11/23	
11/10/23	11/11/23	
11/10/23	11/11/23	
11/10/23	11/11/23	
11/10/23	11/11/23	
Analyst: RKS		Batch: 2345105
11/10/23	11/11/23	
11/10/23	11/11/23	
Analyst: KM		
11/10/23	11/10/23	
11/10/23	11/10/23	
11/10/23	11/10/23	
A		Batch: 2345102
11/10/23	11/13/23	
	KS 11/10/23 11/10/23 11/10/23 11/10/23 11/10/23 11/10/23 11/10/23 M 11/10/23 11/10/23 A	KS 11/10/23 11/11/23 11/10/23 11/11/23 11/10/23 11/11/23 11/10/23 11/11/23 11/11/23 11/11/23 11/11/23 11/11/23 11/11/23 11/11/23 11/11/23 11/11/23 11/11/23 11/10/23 1/



	Si	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			11/13/2023 5:06:42PM
	0	COMP 126-4				
		E311074-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
Foluene	ND	0.0250	1	11/10/23	11/11/23	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal 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	Analy	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	Analy	vst: BA		Batch: 2345102
Chloride	ND	20.0	1	11/10/23	11/13/23	



	56	imple D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	OMP 127-4				
		E311074-25				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal 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	Analy	st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane		94.3 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345102
Chloride	27.8	20.0	1	11/10/23	11/13/23	

	Di	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag		alie Gladden			11/13/2023 5:06:42PM
	0	COMP 128-4				
		E311074-26				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	/kg Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane		96.0 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345102
Chloride	34.1	20.0	1	11/10/23	11/13/23	



	56	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	C	COMP 129-4				
	-	E311074-27				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/11/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/11/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/11/23	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	cg Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane		89.5 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: BA		Batch: 2345102
Chloride	30.6	20.0	1	11/10/23	11/13/23	

		ample D	aca			
Tap Rock	Project Name:		son #16H			<b>D</b>
7 W. Compress Road	Project Numbe		46-0001			<b>Reported:</b> 11/13/2023 5:06:42PM
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			11/13/2023 5:06:42PN
	C	COMP 130-4				
		E311074-28				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	11/10/23	11/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	'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		96.9 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2345102
Chloride	33.0	20.0	1	11/10/23	11/13/23	



Project Name: Project Numb Project Manag		son #16H			
	ger: Nata	46-0001 alie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
(	COMP 131-4				
	E311074-29				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345105
ND	0.0250	1	11/10/23	11/12/23	
ND	0.0250	1	11/10/23	11/12/23	
ND	0.0250	1	11/10/23	11/12/23	
ND	0.0250	1	11/10/23	11/12/23	
ND	0.0500	1	11/10/23	11/12/23	
ND	0.0250	1	11/10/23	11/12/23	
	92.7 %	70-130	11/10/23	11/12/23	
mg/kg	mg/kg	Anal		Batch: 2345105	
ND	20.0	1	11/10/23	11/12/23	
	98.3 %	70-130	11/10/23	11/12/23	
mg/kg	mg/kg	Analyst: KM			Batch: 2345111
ND	25.0	1	11/10/23	11/11/23	
ND	50.0	1	11/10/23	11/11/23	
	93.8 %	50-200	11/10/23	11/11/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2345102
30.1	20.0	1	11/10/23	11/13/23	
	Result mg/kg ND ND ND ND ND ND ND MD MD MD MD ND MD MD MD MD	COMP 131-4           E311074-29           Reporting           Result         Limit           mg/kg         mg/kg           ND         0.0250           MD         20.0           98.3 %         mg/kg           ND         25.0           ND         50.0           93.8 %         mg/kg           mg/kg         mg/kg	COMP 131-4           E311074-29           Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         20.0         1           MD         20.0         1           MD         25.0         1           ND         50.0         1           ND         50.0         1           93.8 %         50-200         1           mg/kg         mg/kg         Analy	COMP 131-4           E311074-29           Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/10/23           ND         20.0         1         11/10/23           mg/kg         mg/kg         Analyst: KU           ND         20.0         1         11/10/23           mg/kg         mg/kg         Analyst: KU         11/10/23           ND         25.0         1         11/10/23           ND         50	COMP 131-4           E311074-29           Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS         ND         0.0250         1         11/10/23         11/12/23           ND         0.0250         1         11/10/23         11/12/23         11/12/23           ND         0.0250         1         11/10/23         11/12/23           ND         0.0250         1         11/10/23         11/12/23           ND         0.0250         1         11/10/23         11/12/23           ND         0.0500         1         11/10/23         11/12/23           ND         0.0500         1         11/10/23         11/12/23           ND         0.0250         1         11/10/23         11/12/23           MD         0.020         1         11/10/23         11/12/23           mg/kg         mg/kg         Mg/kg         Analyst: RKS           ND         20.0         1         11/10/23         11/12/23           MD         20.0         1         11/10/23         11/12/23           MD



	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 132-4				
		E311074-30				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/12/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
urrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	ng/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		98.2 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	mg/kg Analyst: KM			Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		92.2 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2345102
Chloride	27.9	20.0	1	11/10/23	11/13/23	



		ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	COMP 133-4				
		E311074-31				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/12/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Gurrogate: n-Nonane		94.6 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345102
Chloride	30.4	20.0	1	11/10/23	11/13/23	

	5	ampie D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	0	COMP 134-4				
		E311074-32				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-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		92.1 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g 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		99.5 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g 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		90.3 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: BA		Batch: 2345102
Chloride	39.4	20.0	1	11/10/23	11/13/23	

	D.	ample D	ala			
-	Project Name: Project Numbe		son #16H 46-0001			Reported:
1	Project Manag		ilie Gladden			11/13/2023 5:06:42PM
	C	COMP 135-4				
		E311074-33				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/12/23	
p,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/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		88.1 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2345102
Chloride	34.1	20.0	1	11/10/23	11/13/23	



	D.	ample D	aca			
Tap Rock	Project Name:		son #16H			<b>Reported:</b> 11/13/2023 5:06:42PM
7 W. Compress Road Artesia NM, 88210	Project Number Project Manag		46-0001 ilie Gladden			
Antosia INIVI, 66210	T Tojeet Manag	,ci. Ivata				11/15/2025 5.00.421 N
	C	COMP 136-4				
		E311074-34				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		91.6 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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	g/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		92.0 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2345102
Chloride	30.4	20.0	1	11/10/23	11/13/23	



	56	imple D	ala			
Tap Rock	Project Name:	Jack	son #16H			
7 W. Compress Road	Project Numbe	r: 2004	46-0001	Reported:		
Artesia NM, 88210	Project Manag	er: Nata	lie Gladden			11/13/2023 5:06:42PM
	С	OMP 137-4				
	]	E311074-35				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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	
-Xylene	ND	0.0250	1	11/10/23	11/12/23	
,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
urrogate: 4-Bromochlorobenzene-PID		91.2 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: RKS			Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
urrogate: n-Nonane		93.2 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2345102
Chloride	29.6	20.0	1	11/10/23	11/13/23	



	D.	imple D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	OMP 138-4				
		E311074-36				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/12/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Fotal 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	Analy	st: 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	g Analyst: KM		Batch: 2345111	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Gurrogate: n-Nonane		94.4 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2345102
Chloride	28.6	20.0	1	11/10/23	11/13/23	

	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 139-4				
		E311074-37				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepa	red Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	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	
p-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	А	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	А	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	А	analyst: BA		Batch: 2345102
Chloride	31.8	20.0	1	11/10	/23 11/13/23	



	50	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	С	COMP 140-4				
		E311074-38				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RKS		Batch: 2345105
Benzene	ND	0.0250	1	11/10/23	11/12/23	
thylbenzene	ND	0.0250	1	11/10/23	11/12/23	
oluene	ND	0.0250	1	11/10/23	11/12/23	
-Xylene	ND	0.0250	1	11/10/23	11/12/23	
,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
otal Xylenes	ND	0.0250	1	11/10/23	11/12/23	
urrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2345105
asoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	11/10/23	11/12/23	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
urrogate: n-Nonane		91.4 %	50-200	11/10/23	11/11/23	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: BA		Batch: 2345102
Chloride	32.7	20.0	1	11/10/23	11/13/23	

	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	son #16H 46-0001 Ilie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	(	COMP 141-4				
		E311074-39				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
oluene	ND	0.0250	1	11/10/23	11/12/23	
-Xylene	ND	0.0250	1	11/10/23	11/12/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Total Xylenes	ND	0.0250	1	11/10/23	11/12/23	
urrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/11/23	
Surrogate: n-Nonane		90.7 %	50-200	11/10/23	11/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: BA		Batch: 2345102
Chloride	25.7	20.0	1	11/10/23	11/13/23	



	5	ampie D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 ılie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	0	COMP 142-4				
		E311074-40				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
p-Xylene	ND	0.0250	1	11/10/23	11/12/23	
o,m-Xylene	ND	0.0500	1	11/10/23	11/12/23	
Fotal Xylenes	ND	0.0250	1	11/10/23	11/12/23	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2345105
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/23	11/12/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.1 %	70-130	11/10/23	11/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2345111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/11/23	
Dil 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	Analys	st: BA		Batch: 2345102
Chloride	24.3	20.0	1	11/10/23	11/13/23	

	Di	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe	er: 2004	son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			11/13/2023 5:06:42PM
	0	COMP 143-4				
		E311074-41				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
p-Xylene	ND	0.0250	1	11/09/23	11/13/23	
p,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Fotal Xylenes	ND	0.0250	1	11/09/23	11/13/23	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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	
Surrogate: n-Nonane		100 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: BA		Batch: 2345100
Chloride	28.9	20.0	1	11/10/23	11/13/23	



	50	ample D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		son #16H 46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			11/13/2023 5:06:42PM
	C	COMP 144-4				
		E311074-42				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: 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	
p-Xylene	ND	0.0250	1	11/09/23	11/13/23	
o,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Fotal Xylenes	ND	0.0250	1	11/09/23	11/13/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: KM		Batch: 2345107
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane		89.2 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: BA		Batch: 2345100
Chloride	28.4	20.0	1	11/10/23	11/13/23	



	Di	ample D	ลเล			
Tap Rock	Project Name:		son #16H			D ( )
7 W. Compress Road Artesia NM, 88210	Project Numbe Project Manag		46-0001 alie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
	, .					
		COMP 145-4				
		E311074-43				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
p-Xylene	ND	0.0250	1	11/09/23	11/13/23	
o,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Fotal Xylenes	ND	0.0250	1	11/09/23	11/13/23	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		91.1 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2345100
Chloride	29.9	20.0	1	11/10/23	11/13/23	



	Di	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	son #16H 46-0001 alie Gladden			<b>Reported:</b> 11/13/2023 5:06:42PM
		COMP 146-4				
		E311074-44				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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	
o,m-Xylene	ND	0.0500	1	11/09/23	11/13/23	
Fotal Xylenes	ND	0.0250	1	11/09/23	11/13/23	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2345090
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/09/23	11/13/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	11/09/23	11/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: KM		Batch: 2345107
Diesel Range Organics (C10-C28)	ND	25.0	1	11/10/23	11/10/23	
Dil Range Organics (C28-C36)	ND	50.0	1	11/10/23	11/10/23	
Surrogate: n-Nonane		90.4 %	50-200	11/10/23	11/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2345100
Chloride	28.9	20.0	1	11/10/23	11/13/23	



# **QC Summary Data**

		QC D	u111111	ary Data	a				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson #16H 0046-0001 latalie Gladder	1				<b>Reported:</b> 11/13/2023 5:06:42PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: RKS
Analyta		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345090-BLK1)							Prepared: 1	1/09/23 A	nalyzed: 11/13/23
Benzene	ND	0.0250							•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0230							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.19	0.0250	8.00		89.9	70-130			
LCS (2345090-BS1)							Prepared: 1	1/09/23 A	nalyzed: 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			
p-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:	E311068-2.	3	Prepared: 1	1/09/23 A	nalyzed: 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:	E311068-2.	3	Prepared: 1	1/09/23 A	nalyzed: 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**

		QC DI		ary Date	4				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16H 0046-0001 Jatalie Gladden					<b>Reported:</b> 11/13/2023 5:06:42PM
Altesia IVM, 86210									11/15/2025 5.00.421 W
		Volatile O	rganics	by EPA 802	IB				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345105-BLK1)							Prepared: 1	1/10/23 A	Analyzed: 11/11/23
Benzene	ND	0.0250							5
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0230							
p,m-Aylene Total Xylenes	ND	0.0300							
Surrogate: 4-Bromochlorobenzene-PID	7.73	0.0230	8.00		96.6	70-130			
LCS (2345105-BS1)							Prepared: 1	1/10/23 A	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			
p-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	0.0250	8.00		95.9	70-130			
Matrix Spike (2345105-MS1)				Source: ]	E311074-2	23	Prepared: 1	1/10/23 A	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			
p-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: ]	E311074-2	23	Prepared: 1	1/10/23 A	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	
		0.0250	5.00	ND	101	63-131	7.70	20	
>-Xvlene	5.04								
o-Xylene p.m-Xylene	5.04 10.2		10.0	ND	102	63-131	7.36	20	
o-Xylene p,m-Xylene Total Xylenes		0.0500 0.0250				63-131 63-131	7.36 7.47	20 20	



# **QC Summary Data**

		QC D	4111114	I y Data	L				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ickson #16H )046-0001 atalie Gladden					<b>Reported:</b> 11/13/2023 5:06:42PM
, 		, ,	rganics b	oy EPA 802	1B				Analyst: RKS
		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345106-BLK1)							Prepared: 1	1/10/23 A	Analyzed: 11/10/23
Benzene	ND	0.0250					1		•
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.64	0.0230	8.00		95.5	70-130			
LCS (2345106-BS1)							Prepared: 1	1/10/23 A	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: I	E <b>311074-</b> 0	)3	Prepared: 1	1/10/23 A	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			
p-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: I	E <b>311074-</b> 0	)3	Prepared: 1	1/10/23 A	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	
D-Aylene									
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131	9.32	20	
-			10.0 15.0	ND ND	97.5 97.0	63-131 63-131	9.32 9.24	20 20	



## **QC Summary Data**

		QC D	u111111	il y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson #16H 0046-0001 atalie Gladden					<b>Reported:</b> 11/13/2023 5:06:42PM
	No	nhalogenated (	Organics	by EPA 801:	5D - GI	RO			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: 1	11/09/23	Analyzed: 11/13/23
Gasoline Range Organics (C6-C10)	ND	20.0					Troparoan		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
LCS (2345090-BS2)							Prepared: 1	11/09/23 A	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: E	311068-2	23	Prepared: 1	11/09/23 A	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: E	311068-2	23	Prepared: 1	11/09/23 A	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**

		QC D	umm	il y Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ackson #16H 0046-0001 fatalie Gladden					<b>Reported:</b> 11/13/2023 5:06:42PM
	No	nhalogenated (	Organics	by EPA 801	5D - Gl	RO			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: 1	1/10/23 A	nalyzed: 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: 1	1/10/23 A	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: <b>E</b>	311074-2	23	Prepared: 1	1/10/23 A	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: E	311074-2	23	Prepared: 1	1/10/23 A	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**

		QU N		ii y Dutu					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name:Jackson #16HProject Number:20046-0001Project Manager:Natalie Gladden							<b>Reported:</b> 11/13/2023 5:06:42PM
Altesia INIVI, 88210		Floject Mallagel.	IN						11/15/2025 5.00.421 W
	Noi	nhalogenated O	rganics	by EPA 801	5D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345106-BLK1)							Prepared: 1	1/10/23 A	nalyzed: 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: 1	1/10/23 A	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: E	311074-(	)3	Prepared: 1	1/10/23 A	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: E	311074-(	)3	Prepared: 1	1/10/23 A	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				



## **QC Summary Data**

		$\mathbf{v} \in \mathcal{S}$		ary Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	ackson #16H 0046-0001 Iatalie Gladden					<b>Reported:</b> 11/13/2023 5:06:42PM
	Nonh	alogenated Org	anics 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: 1	1/10/23 A	Analyzed: 11/10/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36) Surrogate: n-Nonane	ND 41.2	50.0	50.0		82.3	50-200			
LCS (2345107-BS1)	,2						Prepared: 1	1/10/23 A	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: <b>H</b>	E <b>311078</b> -	03	Prepared: 1	1/10/23 A	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: <b>H</b>	E <b>311078</b> -(	03	Prepared: 1	1/10/23 A	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**

		QU DI	u 1111110	ing Data	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	uckson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					11/13/2023 5:06:42PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345110-BLK1)							Prepared: 1	1/10/23 A	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: 1	1/10/23 A	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: I	E311074-1	14	Prepared: 1	1/10/23 A	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: I	E <b>311074-</b> 1	14	Prepared: 1	1/10/23 A	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**

		QC D		II y Data	L				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	ackson #16H 0046-0001 Jotalia Claddan					<b>Reported:</b> 11/13/2023 5:06:42PM
Artesia NM, 88210		Project Manager:	N	atalie Gladden					11/13/2023 5:06:42PM
	Nonh	alogenated Org	anics by	EPA 8015D	- DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345111-BLK1)							Prepared: 1	1/10/23 A	nalyzed: 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: 1	1/10/23 A	nalyzed: 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: I	E <b>311074-</b> 3	31	Prepared: 1	1/10/23 A	nalyzed: 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: I	E311074-3	31	Prepared: 1	1/10/23 A	nalyzed: 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**

		$\mathbf{x} \in \mathbf{z}$	••••••••						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16H 0046-0001 Jatalie Gladder	1				<b>Reported:</b> 11/13/2023 5:06:42PM
		Anions	by EPA	300.0/90564	4				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 (2345099-BLK1)							Prepared: 1	1/10/23 A	Analyzed: 11/13/23
Chloride LCS (2345099-BS1)	ND	20.0					Prepared: 1	1/10/23 A	Analyzed: 11/13/23
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2345099-MS1)				Source:	E311074-0	07	Prepared: 1	1/10/23 A	Analyzed: 11/13/23
Chloride	270	20.0	250	22.1	99.3	80-120			
Matrix Spike Dup (2345099-MSD1)				Source:	E311074-0	)7	Prepared: 1	1/10/23 A	Analyzed: 11/13/23
Chloride	269	20.0	250	22.1	98.9	80-120	0.387	20	



### **QC Summary Data**

		$\chi \cup \lambda$		ary Dan					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	ackson #16H 0046-0001 Iatalie Gladden	1				<b>Reported:</b> 11/13/2023 5:06:42PM
		Anions	by EPA	300.0/9056A	1				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 (2345100-BLK1)	ND	20.0					Prepared: 1	1/10/23 A	nalyzed: 11/13/23
LCS (2345100-BS1)							Prepared: 1	1/10/23 A	nalyzed: 11/13/23
Chloride Matrix Spike (2345100-MS1)	248	20.0	250	Source:	99.2 <b>E311079-0</b>	90-110 1	Prepared: 1	1/10/23 A	nalyzed: 11/13/23
Chloride	322	200	250	ND	129	80-120	D 11	1/10/22	M2
Matrix Spike Dup (2345100-MSD1)					E311079-0		1		analyzed: 11/13/23
Chloride	314	200	250	ND	126	80-120	2.52	20	M2



### **QC Summary Data**

Tap Rock 7 W. Compress Road		Project Name: Project Number:		ackson #16H 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	latalie Gladden					11/13/2023 5:06:42PM
		Anions l	by EPA (	300.0/9056A					Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2345102-BLK1)							Prepared: 1	1/10/23	Analyzed: 11/13/23
Chloride	ND	20.0							
LCS (2345102-BS1)							Prepared: 1	1/10/23	Analyzed: 11/13/23
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2345102-MS1)				Source: I	E <b>311074-</b> 2	28	Prepared: 1	1/10/23	Analyzed: 11/13/23
Chloride	287	20.0	250	33.0	101	80-120			
Matrix Spike Dup (2345102-MSD1)				Source: I	2311074-2	28	Prepared: 1	1/10/23	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.



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 c	of Custody									8		Page	of
Client: JAPROCK Project: JACKSON 16H Project Manager: Natalie Gladden Address:	Bill To Attention: ENERGY STAFFING SERV Address: 2724 NW COUNTY RD City, State, Zip HOBBS, NM 88240	ICES	Lab V E3	N0#.			20	imber 040-0 and Met	101	2D	TA 3D	Standard	EPA P CWA	SDWA
City, State, Zip Phone: Email: Report due by:	Phone: 575-393-9048 Email: NATALIE@ENERGYSTAFFINGLL BRITTNEY@ENERGYSTAFFINGI	I.C.COM	DRO/ORO by S015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 5010	Chloride 300.0	NN NN	1 2.00			State UT AZ	TX
Time Date Matrix Model Sampled Date Matrix		Lab Number	DRO/C	GRO/I	BTEX	VOC b	Metal	Chlon	BGDOL				Remarks	1
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Relinquished by: (Signature) Date Date	2400 Received by: (Signature) Page 6	5 of 70	123	Time ne: g -	<b>}; 80</b> glass, 1	p - I	AVG	Temps <sup>o</sup> C stic, ag			2.1			

#### **Project Information**

Chain of Custody

Page 2 of 5

Client	TADO	ack	,		1		Bill To				Lat	Us	e;Only		Lain State	T		TAT	Ē	EPA Pi	ogram
Project:	Joch	KSCA	1 164	Attention: ENERGY STAFFING SER Address: 2724 NW COUNTY RD				ICES	Lab	NO#			Job NI			1D		3D	Standard	CWA	SDWA
Project N	lanager:			/	1	Address: 2724 NW	V COUNTY RD		E?	DIIC	74	1	200	44	-0001		X			1	
Address:					Week S	City, State, Zip	HOBBS, NM 88240					1	Analysi	s and	Metho	ł		and an array of the spin second			RCRA
City, State	e, Zip				(A)	Phone: 575-393-9	048													1	
Phone:					1	Email: NATALIE@I	ENERGYSTAFFINGLL	C.COM	015	8015										State	r
Email:				and a diversion of the second s	100	BRITTNEY	ENERGYSTAFFINGL	LC.COM	by 8015	oy 80	21	0	0	0.00		NN				UT AZ	TX
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC b	Metals (	Chloride 300.0		BGDOC	BGDOC			Remarks	
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Project Information

Chain of Custody

Page 3 of 5

Client: TAPROCK	Bill To				Lat	o Us	e Onl	y v	12			TAT		rogram
Client: TAPROCK Project: JACKSCN 164	Attention: ENERGY STAFFING SERVI	CES	Lab \	NO#			Job N	lumb	er	10		3D Standa	ard CWA	SDWA
Project Manager:	Address: 2724 NW COUNTY RD		E3	110-	44				0.000		Y			
Address:	City, State, Zip HOBBS, NM 88240					1	Analys	sis and	l Metho	bc	/			RCRA
City, State, Zip	Phone: 575-393-9048													
Phone:	Email: NATALIE@ENERGYSTAFFINGLL	COM	215	8015									State	TTV
Email:	BRITTNEY@ENERGYSTAFFINGL	C.COM	by 8015	DV 8	321	60	0	00.00		NM	X1	NM	CO UT AZ	- iX
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Project Information

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Project Information

Chain of Custody

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Client:	TAPR	ock			1	Bill To	)		1	411 HE 1411 - 414 F	Lab U			el.	1		TA	T	EPA P	rogram
Project:		KSON	164	$(x_i) \in \mathcal{S}_{i} \subseteq \mathcal{S}_{i} = \mathcal{S}_{i} + (x_i) = \mathcal{S}_{i}$		tention: ENERGY STAF	FING SERVICES	Le	b W	0#				ber Hou	1D	2D	3D	Standard	CWA	SDWA
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City, Stat						none: 575-393-9048												and the second		
Phone:					Er	nail: NATALIE@ENERGY	STAFFINGLLC.COM		212	013								L	State	
Email:						BRITTNEY@ENERG	YSTAFFINGLLC.CO	M	0V 8015	by 8015		0	0.00		NN			X	UT AZ	IX
Report d	ue by:								RO I	RO L	/ 826	6010	1e 3(			TX		M	1	
Time Sampled	Date Sampled	Matrix	tic, cf Containers	Sample ID			Lal	o ben	DRO/ORO	GRO/DRO by 8 arev hu 2021	VDC by 8260	Metals (	Chloride 300		BGDOC	BGDOC			Remarks	an a
	11/8/23	S	1	COMP	143	4-	4								X					
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		$\sum$		COMP 1 COMP 1 COMP 1	45-	<i>y</i> ·	y y	3				1								
	11/8/23	Š		COMP 1	46-	4	4	4							X					
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i, (field san	ppler), attest to	the validity	/ and authen	ticity of this sample may be grounds fo	e. Lam awa	re that tampering with or intent in. <u>Sampled by:</u>	ionally mislabelling the s $M, R \downarrow V$	ample la	ocatio	n,		- E						ceived on ice the day 6 °C on subsequent d		led or received
Relinquig	ned by Sign	ature)	Date	1/8/23 Tim		Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature)	eye Ple-	923		136	5	Rec	eive	d on ice		Lab I	Jse Or N	0 <b>ly</b>		
Relinquis	hed by: (Sign	eyk	Dat	1923 [	230	Received by: (Signature)	1850 Date	11.9	.13	Time IG	330	Tis					4	T <u>3</u>		
Refinq	hed by: (Sign	Mass	D Oat		ne	Received by: (Signature)													4	
Sample M	mur S - Soil 5	d - Solid, Sg		Aqueous, 0 - Other			Page 69 of	10	ype	: g - gła	ass, p -	poly/p	lasti	c, ag - a	mber e	lass, v	- VOA			

### **Envirotech Analytical Laboratory**

### Sample Receipt Checklist (SRC)

Client:	Tap Rock D	ate Received:	11/10/23	07:00	Work Order ID: E311074
Phone:	(575) 390-6397 D	ate Logged In:	11/09/23	15:46	Logged In By: Jordan Montano
Email:		ue Date:	11/17/23	17:00 (5 day TAT)	
<u>Chain o</u>	of Custody (COC)				
1. Does	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	ourier
4. Was th	he COC complete, i.e., signatures, dates/times, requested	l analyses?	Yes		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	he COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not on samples or COC.
Sample	Cooler				
7. Was a	a sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If ye	es, were custody/security seals intact?		NA		
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e Note: Thermal preservation is not required, if samples are re minutes of sampling	<i>,</i>	Yes		
13. If no	visible ice, record the temperature. Actual sample ter	nperature: 4°	С		
	Container	I			
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?				
17. Was	a trip blank (TD) included for VOC analyses:		NA		
	non-VOC samples collected in the correct containers?		NA Yes		
18. Are 1		s collected?			
18. Are 1	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers	s collected?	Yes		
<ol> <li>18. Are 1</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> </ol>	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform		Yes		
18. Are 1 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID?		Yes		
18. Are 1 19. Is the Field La 20. Were	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		Yes Yes Yes Yes		
18. Are 1 19. Is the Field La 20. Were S I	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name?		Yes Yes Yes		
18. Are a 19. Is the Field La 20. Were S I Sample	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>	nation:	Yes Yes Yes No		
18. Are a 19. Is the Field La 20. Were S I C Sample 21. Does	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese	nation:	Yes Yes Yes No No		
18. Are 1 19. Is the Field La 20. Were 3 1 0 5 5 5 1 0 5 5 1 0 5 21. Does 22. Are 3	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved?	nation: erved?	Yes Yes Yes No No NA		
18. Are n 19. Is the Field La 20. Were 20. Were 21. Does 22. Are s 24. Is lat	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta	nation: erved?	Yes Yes Yes No No		
18. Are n 19. Is the Field La 20. Were 20. Were 21. Does 22. Are s 24. Is lat Multiph	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta tase Sample Matrix	nation: erved? als?	Yes Yes Yes No No No No		
<ul> <li>18. Are n</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> <li>20. Were</li> <li>21. Does</li> <li>22. Are s</li> <li>24. Is lat</li> <li>Multiph</li> <li>26. Does</li> </ul>	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	nation: erved? als?	Yes Yes Yes No No No		
18. Are 1 19. Is the Field La 20. Were 5 1 0 20. Were 21. Does 22. Are 5 24. Is lat Multiph 26. Does 27. If ye	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze	nation: erved? als?	Yes Yes Yes No No No No		
<ul> <li>18. Are n</li> <li>19. Is the</li> <li>Field La</li> <li>20. Were</li> <li>20. Were</li> <li>21. Does</li> <li>22. Are s</li> <li>24. Is lat</li> <li>Multiph</li> <li>26. Does</li> <li>27. If yet</li> <li>Subcont</li> </ul>	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze <u>tract Laboratory</u>	nation: erved? als? d?	Yes Yes Yes No No No No No		
18. Are 1 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are 5 24. Is lat <b>Multiph</b> 26. Does 27. If yer <b>Subcont</b> 28. Are 5	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved meta <u>hase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase? es, does the COC specify which phase(s) is to be analyze	nation: erved? als? d?	Yes Yes Yes No No No	Subcontract Lab	

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



envirotech Inc.

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TAPROCK JACKSON 16H REMEDIATION AND FINAL PHOTOS




















































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

State of New Mexico

Form C-141 Page 3

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&lt;50'</u> (ft bgs)
Did this release impact groundwater or surface water?	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No ☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	$\Box Yes \boxtimes No$

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
- $\square$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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.

Received by OCD: 5/22/2024 10:23:53 AM			Page 690 of 699
Form C-141	State of New Mexico	Incident ID	
Page 4	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	
regulations all operators a public health or the enviro failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name: NAT. Signature: email:	alie Gladden Date:	d perform corrective actions for release ot relieve the operator of liability should dwater, surface water, human health or t ity for compliance with any other federa RONMENTAL AND REGULATO	s which may endanger d their operations have the environment. In al, state, or local laws RY
OCD Only			
Received by:	D	ate:	

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State of New Mexico

Page 6

Form C-141

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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

Printed Name: <u>Natalie Gladden</u> Title: <u>Director of Environmental and Regulatory</u>	
Signature: Atalie Gladden Date: 1-25-24	
email:natalie@energystaffingllc.com Telephone:575-390-6397	

OCD	Only
UUU	VIII

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:

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:	OGRID:	
TAP ROCK OPERATING, LLC	372043	
523 Park Point Drive	Action Number:	
Golden, CO 80401	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	Νο
Has this release endangered or does it have a reasonable probability of endangering public health	Νο
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	Νο

#### 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.	

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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:	OGRID:
Golden, CO 80401	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
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The responsible party must undertake the following actions immediately unless they could create a s	afety 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 Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedia	Not answered. ation 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 complet Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	mowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
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

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Action 346711

Operator:	OGRID:
TAP ROCK OPERATING, LLC	372043
523 Park Point Drive	Action Number:
Golden, CO 80401	346711
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS** (continued)

#### 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 CI 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 (EPA SW-846 Method 8021B or 8260B) Benzene 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

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811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

#### District III

Operator

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

523 Park Point Drive

Golden, CO 80401

TAP ROCK OPERATING. LLC

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

346711

Action Type:

QUESTIONS, Page 4

Action 346711

**QUESTIONS** (continued) OGRID: 372043 Action Number

[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal OWL LANDFILL JAL [fJEG1635837366] OR which OCD approved well (API) will be used for off-site disposal Not answered. OR is the off-site disposal site, to be used, out-of-state 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 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations Name: Natalie Gladden Title: Environmental I hereby agree and sign off to the above statement Email: natalie@energystaffingllc.com Date: 05/22/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

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District III

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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: OGRID: TAP ROCK OPERATING, LLC 372043 523 Park Point Drive Action Number: Golden, CO 80401 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

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

QUESTIONS, Page 6

Action 346711

QUESTIONS (continued)	
Operator: TAP ROCK OPERATING, LLC	OGRID: 372043
523 Park Point Drive Golden, CO 80401	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.		
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng 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

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

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Action 346711

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QUESTIONS (continued)	
Operator: TAP ROCK OPERATING, LLC	OGRID: 372043
523 Park Point Drive Golden, CO 80401	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

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

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CONDITIONS

Action 346711

Operator: OGRID: TAP ROCK OPERATING, LLC 372043 523 Park Point Drive Action Number: Golden, CO 80401 346711 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

#### CONDITIONS

Created By		Condition Date
nvelez	None	6/13/2024