Received by OCD: 1/31/2023 10:10:47 AM

Form C-141

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State of New Mexico

Oil Conservation Division

Incident ID	NAPP2209150614
District RP	
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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	UNK (ft bgs)
Did this release impact groundwater or surface water?	□ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	$\Box Yes \boxtimes No$
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?	$\square Yes \square No$
Are the lateral extents of the release overlying an unstable area such as karst geology?	
Are the lateral extents of the release within a 100-year floodplain?	Yes No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No ☐ Yes ⊠ No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-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.

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Form C-141	State of New Mexico	Incident ID	NAPP2209150614
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		Application ID	
regulations all opera public health or the e failed to adequately addition, OCD accep and/or regulations. Printed Name: Signature: email: <u>natalie@en</u>	the information given above is true and complete to the best of my knowl ators are required to report and/or file certain release notifications and perf environment. The acceptance of a C-141 report by the OCD does not reli- investigate and remediate contamination that pose a threat to groundwater ptance of a C-141 report does not relieve the operator of responsibility for NATALIE GLADDEN Title: DIRECTOR OF ENVIRON Date: Date: energystaffingllc.com Telephone:575-39	form corrective actions for relea eve the operator of liability sho r, surface water, human health compliance with any other fed MENTAL AND REGULAT	ases which may endanger ould their operations have or the environment. In leral, state, or local laws
OCD Only Received by:	Jocelyn Harimon Date:	01/31/2023	

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Form C-141

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Oil Conservation Division

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Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory
Signature: Atali Galadden Date: 1-27-23
email: _natalie@energystaffingllc.com Telephone: <u>575-390-6397</u>
OCD Only

Jocelyn Harimon Received by:

Date: 01/31/2023

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: Qennifer Nobui	Date:	02/20/2023
Printed Name:	Jennifer Nobui	Title:	Environmental Specialist A



BETTIS 20 STATE COM #5 CLOSURE REQUEST

API NO. 30-025-41439 UNIT LETTER M, SECTION 20, TOWNSHIP 24S, RANGE 33E LEA COUNTY, NEW MEXICO

DATE OF RELEASE: 4/1/22 INCIDENT ID NO. NAPP2209150614

January 22, 2023

Prepared by:



2724 NW COUNTY ROAD HOBBS, NM 88240 OFFICE: 575-393-9048

Released to Imaging: 2/20/2023 10:31:14 AM

January 22, 2023

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

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

Subject: Closure Request for Tap Rock – Bettis 20 State Com #5

API No. 30-025-41439 Incident ID No. NAPP2209150614 Legal: U/L M, Section 20, Township 24 South, Range 33 East Lea County, New Mexico

To Whom it May Concern:

Tap Rock Operating, retained Energy Staffing Services, LLC (ESS) to conduct a spill assessment for the Bettis 20 State Com #5 (hereafter referred to as the "Bettis") for the produced water release that occurred on April 1st, 2022. On same said date ESS provided the immediate notification of the release to the New Mexico Oil Conservation Division (NMOCD), District II Office, via email at 12:47 PM. (Notification Attached). On behalf of Tap Rock, ESS also submitted the initial C141 Release Notification, along with the spill calculator used to determine the volume of the release (attached) on April 1st at 1:44 PM. The NMOCD accepted the C141 as record on April 1st. The incident number assigned to the release is NAPP2209150614. (Notification correspondence is attached).

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

Incident Description

On April 1st, a contract crew working on the heater treater, opened the hatch, vessel was still pressured up, causing the release. The fine fluid mist (overspray) in a small area of the lined containment but the majority of the fluid was released onto the production pad.

ESS was dispatched to the site and conducted an environmental site assessment of the release. It was determined after measuring the area of impact that approximately 28.55bbls of produced water was released. A vacuum truck was onsite and recovered approximately 2bbls of produced water. Initial site photos and measuring of the impacted area was conducted. Please see the initial site photos attached.

Site Characterization

The release at the Bettis occurred on state land and is located at 32.1964684 latitude and -103.6016769 longitude, 26.12 miles northwest of Jal, New Mexico. The legal description of the site is Unit Letter M, Section 20, Township 24 South and Range 33 East. This site is located in Lea County, New Mexico. Please see site schematic attached.

The Bettis consists of production lines and is near production facilities and well pads. The area of the release is on the production pad only. The elevation is 3854 ft. This area is historically or has been primarily dominated by black grama, dropseed and other perennial grasses found in Berino Loamy Sand. Please find the attached Rangeland and Vegetation Classification information attached.

The United States Department of Agriculture Natural Resources Conservation Services indicates that the soil type in the area of the Bettis consists of 100% Berino-Cacique Loamy Fine Sands Association. (Soil Map Attached). In the area of the Bettis the FEMA National Flood Hazard Layer indicates that there is 0.2% annual chance of a flood hazard with a 0.1% chance of a flood with an average of depth of one foot or with drainage areas of less than one square mile. (See map attached).

There is "low potential" for Karst Geology to be present near the Bettis 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 Bettis. 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 Bettis 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 C04622 POD 1,* drilled in 2022 with no water well or groundwater data available. This well is 2,366 yards from the site. The second well is C03565 POD 3, drilled in 2012 with no well depth and groundwater data at 1,533', 3,607 yards from the site. The third well is C03565 POD 8, no drilling date but the log was filed in 2013, this site is 4,473 yards from the site with no groundwater data available. An extended groundwater search was conducted using the *OSE POD Location Mapping System* and it has been determined that, no other wells were found within a ½ a mile radius of the Bettis release. Please find the NMOSE, OSE POD and groundwater map attached to this report.

Closure Criteria Determination

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

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

Soil Remediation Action Levels

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

Soil Sampling Procedures

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

• Collect clean samples in airtight glass jars supplied by the laboratory to conduct the analysis

- Each sample jar was labelled with site and sample information
- Samples were kept in and stored in a cool place and packed on ice
- Promptly ship sample to the lab for analysis following the chain of custody procedures

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

Volatile Organics by EPA 8021B

• Benzene, Toluene, Ethylbenzene, p.m. Xylene, o-Xylene and Total Xylenes Nonhalogenated Organics by EPA 8015D – GRO

• Gasoline Range Organics (C6-C10)

Nonhalogenated Organics by EPA 8015D – DRO/ORO

- Diesel Range Organics (C10-C28)
- Oil Range Organics (C28-C40)
- Anions by EPA 300.0/9056A
 - Chloride

Release Investigation Data Evaluations

On April 1st, ESS arrived on site, to complete the initial spill assessment. On May 23rd, ESS crews began to set the 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. A total of 11 vertical sample points were placed along with 18 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 also find the sample data, delineation sample map, GPS log and lab analysis.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	>4000	Н	ND	ND	4970	3130	8100	9320
	2	320	L						
	4	60	L	ND	ND	ND	ND	ND	55.1
1. A.		in a -			The Start				14 47° N
SP2	SURF	>4000	Н	ND	ND	5040	3480	8520	7050
	2	160	L						
	4	ND	L	ND	ND	ND	ND	ND	ND
and the second s			101 10		Since of Kull	12.27			Colores and
SP3	SURF	>4000	Н	ND	ND	3770	3070	6840	13300
	2	160	L						
	4	160	L	ND	ND	ND	ND	ND	101

SP4	SURF	>4000	H	0.179	ND	6940	4370	11310	11400
	2	160	L						
	4	40	L	ND	ND	ND	ND	ND	39.2
- 16 - 26 -					N. N. M.		21 Server	\$P\$ [关_]][]	
SP5	SURF	>4000	H	0.0267	ND	8150	5310	13460	9740
	2	160	H						
	4	160	Н	ND	ND	73.2	ND	73.2	138
	6	80	L						ļ
	8	40	L	ND	ND	ND	ND	ND	25.8
									10.75
SP6	SURF	>4000	Н	0.331	ND	19000	12100	31100	14500
	2	160	L						
	4	40	L	ND	ND	ND	ND	ND	30
SP7	SURF	>4000	Н	0.101	ND	5680	4710	10390	11200
	2	320	L						
Longer - Dalag	4	80	L	ND	ND	ND	ND	ND	63.8
		T					12.26		
SP8	SURF	>4000	н	5.03	56	40900	19200	60156	11800
	1	320	L						
	2	140	L	ND	ND	ND	ND	ND	118
1.19.2		1			AN SHARE	135 114			
SP9	SURF	>4000	Н	2.65	33.2	15100	7730	22863.2	7520
	1	240	L	-					
	2	40	L	ND	ND	ND	ND	ND	27.6
6040	CURE	2200	1	0.110	ND	6050	2510	10250	2250
SP10	SURF	3200	<u>H</u>	0.116	ND	6850	3510	10360	3250
	2	240	L	ND	ND	ND	ND	ND	
10.000	4	100	L	ND	ND	ND	ND	ND	95.6
SP11	SURF	>4000	H	4.07	50.5	17200	7050	24300.5	7430
5111	2	1520	н	4.07	50.5	17200	7050	24300.3	7430
	4	1520	L						
	6	20	L	ND	ND	ND	ND	ND	ND
R CALL		20	1.11		IND		IND.		110
SW1	SURF	80	L	ND	ND	29.8	ND	29.8	73.7
	1	80	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
LITE AU		an Suran	(* 13.	A REAL PROVIDENCE	1000		THE PARTY		
SW2	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80							

	2	20	L	ND	ND	ND	ND	ND	ND
CI 1 (2)	AU. 19		22. 2 -				7.923.08		
SW3	SURF	40	L	ND	ND	ND	ND	ND	20
	1	20	L						
An open	2	20	L	ND	ND	ND	ND	ND	ND
SW4	SURF	80	L	ND	ND	ND	ND	ND	ND
5004	1	80	L	ND	NU		ND	ND	
	2	ND	L	ND	ND	ND	ND	ND	ND
A PARA			(actual)						
SW5	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	20	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
and the state	Ne - Garace		3121	Statutes.	12,200	the states of			VIII- THE
SW6	SURF	>4000	н	ND	ND	199	340	539	5290
	1	2400	н						
	2	2560	Н						
	3	2640	Н						
	4	1440	Н						
	5	240	L						
	6	80	L	ND	ND	ND	ND	ND	67.9
SW7	SURF	>4000	Н	ND	ND	126	224	350	7200
	1	2800	Н						
	2	2160	Н						
	3	120	L						
	4	20	L	ND	ND	ND	ND	ND	24.1
						S Dinting			
SW8	SURF	400	Н	ND	ND	120	203	323	307
	1	240	<u>H</u>	ND		05.0	F0.0	77.0	
	2	120	<u>H</u>	ND	ND	25.6	52.3	77.9	103
	3	100	L	ND	ND	ND	NID	ND	ND
	4	20	L	ND	ND	ND	ND	ND	ND
SW9	SURF	20	L	ND	ND	ND	ND	ND	ND
2002	1	ND	L						
		ND	L	ND	ND	ND	ND	ND	ND
	2		L	ND	ND				
	2				And the American	A CARLON CONTRACTOR	the state of the state of the		the state of the later
SW10	S. Silverbiat	C. A. D.		ND	ND	ND	ND	ND	ND
SW10	2 SURF 1	80 60	L	ND	ND	ND	ND	ND	ND

SW11	SURF	60	L	ND	ND	ND	ND	ND	ND
	1	40	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
						R. V	<u>History</u>		
SW12	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	20	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW13	SURF	40	L	ND	ND	ND	ND	ND	27.7
	1	40	L						
ALC: NO. INC.	2	40	L	ND	ND	ND	ND	ND	41.9
C\A/1 4	CLIDE	> 1000		ND	ND	764	0.05	4505	100
SW14	SURF	>4000	H	ND	ND	761	925	1686	4080
	1	1520 400	H						
	3	220	H		ND	117	100	210	200
	4	160	L	ND	ND	117	199	316	208
	5	20	L	ND	ND	ND	ND	ND	ND
		20			ND	ND	ND	NU	ND
SW15	SURF	80	Н	ND	ND	43.8	78.5	122.3	67
51115	1	120	L	ND		45.0	70.5	122.5	07
	2	80	L	ND	ND	34.6	ND	34.6	88.9
				47.3 D.A					
SW16	SURF	640	н	ND	ND	158	432	590	600
	1	800	Н						
	2	560	Н						
	3	400	Н	ND	ND	40.3	78.6	118.9	624
	3.5	100	L						
	4	20	L	ND	ND	ND	ND	ND	ND
C) N 1 7	CLIDE	320	11		ND	205	111	216	200
SW17	SURF 1	320	Н	ND	ND	205	111	316	268
	2	240	L	ND	ND	ND		ND	02.0
	2	100		ND	NU	NU	ND		82.9
SW18	SURF	60	L	ND	ND	32	ND	32	52.4
	1	80	L						
	2	80	L	ND	ND	46.7	ND	46.7	32.3
	3	40	L						
	4	ND	L	ND	ND	ND	ND	ND	ND

Please see the delineation photos attached herein.

On August 18th, 2022 crews began to excavate out the contaminated soil to a depth from 2'bgs to 8'bgs. Crews also hand shoveled around buried lines to obtain the entire area of impact in and around the facility pad. A total of 1088 cubic yards of contaminated/impacted soil was excavated, loaded, and hauled to the Owl Disposal.

On August 22nd, 2022 an email was sent to the NMOCD for the composite notification phase of this project. The OCD approved the composite notification on same said date. Please see email correspondence attached. A total of 28, 200 sq. ft. composites were mapped out, marked, and measured in the excavation area of the Bettis.

On August 24th, 2022 ESS crews began to obtain the final closure composites for the Bettis. Each composite was field tested and submitted to the lab for confirmation. As you can see in the chart below, Composite 20 was high in chlorides and cleaned up at a total depth of 5'. The elevated composite is highlighted in red, it was further excavated and reevaluated. Please find the composite sample data below as well as attached to this report followed by lab confirmation and GPS logs.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
COMP 1	3	20	L	ND	ND	ND	ND	ND	ND
COMP 2	4	20	L	ND	ND	ND	ND	ND	ND
COMP 3	3	20	L	ND	ND	ND	ND	ND	ND
COMP 4	3	20	L	ND	ND	ND	ND	ND	ND
COMP 5	3	20	L	ND	ND	ND	ND	ND	ND
COMP 6	3	20	L	ND	ND	ND	ND	ND	ND
COMP 7	3	20	L	ND	ND	ND	ND	ND	ND
COMP 8	3	220	L	ND	ND	ND	ND	ND	222
COMP 9	3	160	L	ND	ND	ND	ND	ND	169
COMP 10	3	180	L	ND	ND	ND	ND	ND	177
COMP 11	3	180	L	ND	ND	ND	ND	ND	170
COMP 12	3	180	L	ND	ND	ND	ND	ND	175
COMP 13	3	20	L	ND	ND	ND	ND	ND	ND
COMP 14	3	140	L	ND	ND	ND	ND	ND	144
COMP 15	3	120	L	ND	ND	ND	ND	ND	109
COMP 16	3	20	L	ND	ND	ND	ND	ND	ND
COMP 17	3	20	L	ND	ND	ND	ND	ND	ND
COMP 18	3	120	L	ND	ND	ND	ND	ND	133
COMP 19	3	20	L	ND	ND	ND	ND	ND	ND
COMP 20	3	3220	L	ND	ND	ND	ND	ND	3240
COMP 20A	4	860	L	ND	ND	ND	ND	ND	854
COMP 20B	5	20	L	ND	ND	ND	ND	ND	ND
COMP 21	3	20	L	ND	ND	ND	ND	ND	ND

COMP 22	3	20	L	ND	ND	ND	ND	ND	ND
COMP 23	3	100	L	ND	ND	ND	ND	ND	102
COMP 24	3	120	L	ND	ND	ND	ND	ND	118
COMP 25	3	20	L	ND	ND	ND	ND	ND	ND
COMP 26	3	160	L	ND	ND	ND	ND	ND	168
COMP 27	3	80	L	ND	ND	ND	ND	ND	ND
COMP 28	3	180	L	ND	ND	ND	ND	ND	187
SWC 1	2	80	L	ND	ND	ND	ND	ND	ND
SWC 2	2	60	L	ND	ND	ND	ND	ND	ND
SWC 3	2	40	L	ND	ND	ND	ND	ND	ND
SWC 4	2	80	L	ND	ND	ND	ND	ND	ND
SWC 5	2	20	L	ND	ND	ND	ND	ND	ND
SWC 6	2	60	L	ND	ND	ND	ND	ND	ND
SWC 7	2	20	L	ND	ND	ND	ND	ND	ND
SWC 8	2	20	L	ND	ND	ND	ND	ND	ND
SWC 9	2	40	L	ND	ND	ND	ND	ND	ND
SWC 10	2	40	L	ND	ND	ND	ND	ND	ND
SWC 11	2	40	L	ND	ND	ND	ND	ND	ND
SWC 12	2	20	L	ND	ND	ND	ND	ND	ND
SWC 13	2	20	L	ND	ND	ND	ND	ND	ND

A total of 652 cubic yards of caliche and 528 cubic yards of topsoil was purchased from a nearby NGL Pit, stockpiled on location. Once the final confirmation sample lab analysis was received, crews began to take down the fence that was installed per NGL's request, the site was then backfilled and contoured back to its original state.

Please find the remediation and final photos attached herein.

Closure Request

On behalf of Tap Rock, ESS requests that the incident (NAPP2209150614), be closed for the release that occurred on the production pad of the Bettis 20 State Com #5. Tap Rock and ESS certifies that all of the information provided and that is detailed in this report is true and correct. We have also complied with all of the applicable closure requirements for the release that occurred on the Bettis site.

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

Sincerely,

value (aladder

Director of Environmental and Regulatory Services Energy Staffing Services, LLC. 2724 NW County Road

Hobbs, NM 88240 Office: 575-393-9048 Cell: 575-390-6397 Email: natalie@energystaffingllc.com



Attachments:

Release Notification Initial C141 **Spill Calculator** NMOCD approval email **Initial Site Photos** Impact Map Site Map **Rangeland and Vegetation Classification** Soil Map **FEMA Flood Map** Karst Map Watercourse Map Groundwater Data and Map **OSE POD Groundwater Map Delineation Sample Data Delineation Sample Map Delineation Sample GPS Log Extension Email Composite Notification Email Composite Sample Data Composite Sample Map** Composite Sample GPS Log Lab Analysis **Remediation and Final Photos** Final C141

Natalie Gladden

From: Sent: To: Cc: Subject:	Natalie Gladden Friday, April 1, 2022 1:47 PM ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Hensley, Chad, EMNRD 'Christian Combs'; 'Bill Ramsey'; Dakoatah Montanez Tap Rock - Bettis 20 State Com #5 - Release Notification					
Importance:	High					
Tracking:	Recipient	Read				
	ocdonline, emnrd, EMNRD					
	Bratcher, Mike, EMNRD					
	Hamlet, Robert, EMNRD					
	Hensley, Chad, EMNRD					
	'Christian Combs'					
	'Bill Ramsey'					
	Dakoatah Montanez	Read: 4/6/2022 6:44 AM				

All,

On behalf of Tap Rock, ESS is notifying you that a release occurred on the Bettis 20 State Com #5. Please see details below:

Location: Bettis 20 State Com #5 API No. 30-025-41439 Legal: M-20-24S-33E Lat/Long: 32.1964684 -103.6016769 DOR: 4/1/22 Volume of Release: 28.55bbls of PW released and 2bbls recovered Cause of Release: Contract crew was cleaning out the heater treater, vessel was still pressured up when the hatch was opened. Approximately 2bbls of produced water was released into the lined containment, while the remainder of the fluid was released onto the production pad.

ESS will upload the spill calculator and the Initial C141, momentarily.

Sincerely,

Director of Environmental and Regulatory Services Energy Staffing Services, LLC. 2724 NW County Road Hobbs, NM 88240 Cell: 575-390-6397 Office: 575-393-9048 Email: natalie@energystaffingllc.com



Released to Imaging: 2/20/2023 10:31:14 AM

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Page 17 of 359

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 32.1964684

Longitude <u>-103.6016769</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name BETTIS 20 STATE COM #005H	Site Type PRODUCTION	
Date Release Discovered 4/1/22	API# (if applicable) 30-025-41439	

Unit Letter	Section	Township	Range	County
Μ	20	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) 28.55	Volume Recovered (bbls) 2BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

CONTRACT CREW WORKING ON HEATER TREATER, OPENED THE HATCH, VESSEL WAS STILL PRESSURED UP, CAUSING THE RELEASE. SOME OF THE FLUID WAS RELEASED INTO THE LINED CONTAINMENT BUT THE MAJORITY OF THE FLUID WENT OUT ONTO THE PRODUCTION PAD.

Released to Imaging: 2/20/2023 10:31:14 AM

	23 10:10:47 AM State of New Mexico		Page 18 a
ge 2	Oil Conservation Division	Incident ID	
~ ~		District RP	
		Facility ID	
		Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC? Xes 🗌 No	If YES, for what reason(s) does the responsible party VOLUME OF RELEASE	consider this a major release?	
AT APPROXIMATLE	notice given to the OCD? By whom? To whom? When Y 10:00AM THE RELEASE WAS FOUND. An email, Mike Bratcher, Chad Hensley and Robert Hamlet	il was sent by Natalie Gladden (ESS) at	1:47pm on
	Initial Response		
The responsible	party must undertake the following actions immediately unless they c	ould create a safety hazard that would result in injur	У
\square The source of the rel	ease has been stopped.		
	ease has been stopped. as been secured to protect human health and the environ	ment	
_	ave been contained via the use of berms or dikes, absorb		
	recoverable materials have been removed and managed	-	
	ed above have <u>not</u> been undertaken, explain why:	ippropriatery.	
has begun, please attach within a lined containme I hereby certify that the infor regulations all operators are public health or the environ failed to adequately investig	AAC the responsible party may commence remediation a narrative of actions to date. If remedial efforts have ant area (see 19.15.29.11(A)(5)(a) NMAC), please attack primation given above is true and complete to the best of my kn e required to report and/or file certain release notifications and ument. The acceptance of a C-141 report by the OCD does not gate and remediate contamination that pose a threat to ground	been successfully completed or if the rel all information needed for closure evalua towledge and understand that pursuant to OCD perform corrective actions for releases which r relieve the operator of liability should their op water, surface water, human health or the enviro	ease occurred tion. rules and nay endanger erations have onment. In
has begun, please attach within a lined containmer I hereby certify that the infor regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations.	AAC the responsible party may commence remediation a narrative of actions to date. If remedial efforts have ant area (see 19.15.29.11(A)(5)(a) NMAC), please attack primation given above is true and complete to the best of my kn e required to report and/or file certain release notifications and ument. The acceptance of a C-141 report by the OCD does not gate and remediate contamination that pose a threat to ground of a C-141 report does not relieve the operator of responsibility	been successfully completed or if the rel all information needed for closure evaluar owledge and understand that pursuant to OCD perform corrective actions for releases which relieve the operator of liability should their op water, surface water, human health or the environ of for compliance with any other federal, state, or	ease occurred tion. rules and nay endanger erations have onment. In
has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: <u>Natalie G</u>	AAC the responsible party may commence remediation a narrative of actions to date. If remedial efforts have ant area (see 19.15.29.11(A)(5)(a) NMAC), please attack primation given above is true and complete to the best of my kn e required to report and/or file certain release notifications and ument. The acceptance of a C-141 report by the OCD does not gate and remediate contamination that pose a threat to ground	been successfully completed or if the rel all information needed for closure evaluation owledge and understand that pursuant to OCD perform corrective actions for releases which releases which releases which releases which releases the operator of liability should their op vater, surface water, human health or the environ of for compliance with any other federal, state, or Regulatory	ease occurred tion. rules and nay endanger erations have onment. In
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has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: <u>Natalie G</u> Signature:	AAC the responsible party may commence remediation a narrative of actions to date. If remedial efforts have int area (see 19.15.29.11(A)(5)(a) NMAC), please attack ormation given above is true and complete to the best of my ke e required to report and/or file certain release notifications and ment. The acceptance of a C-141 report by the OCD does not gate and remediate contamination that pose a threat to ground of a C-141 report does not relieve the operator of responsibility Cladden Title: Director of Environmental and We Colored Date: <u>C</u>	been successfully completed or if the relation all information needed for closure evaluation with the performance of the operation of the relation of the operator of the performance with any other federal, state, or for compliance with any other federal, state, or Regulatory $(-1-22)$	ease occurred tion. rules and nay endanger erations have onment. In

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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	165.83	89.51	0.0415	616.0029	28.55	Fine Gravel
Medium Gravel	0.20	10	10	0.083	8.3	0.30	Medium Gravel
Coarse Gravel	0.18	10	10	0.083	8.3	0.27	Coarse Gravel
Sandstone	0.25	10	10	0.083	8.3	0.37	Sandstone
Siltstone	0.18	10	10	0.083	8.3	0.27	Siltstone
Shale	0.05	10	10	0.083	8.3	0.07	Shale
Limestone	0.13	10	10	0.083	8.3	0.19	Limestone
Basalt	0.19	10	10	0.083	8.3	0.28	Basalt
Volcanic Tuff	0.20	10	10	0.083	8.3	0.30	Volcanic Tuff
Standing Liquids	Х	56	15	0.415	348.6	62.14	Standing Liquids

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

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

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

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

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

Natalie Gladden

From:	OCDOnline@state.nm.us
Sent:	Friday, April 1, 2022 2:04 PM
To:	Natalie Gladden
Subject:	The Oil Conservation Division (OCD) has accepted the application, Application ID: 95320

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

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2209150614, with the following conditions:

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

Please reference nAPP2209150614, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the "RP" number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

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

Natalie Gladden

From:	Hamlet, Robert, EMNRD <robert.hamlet@state.nm.us></robert.hamlet@state.nm.us>
Sent:	Tuesday, April 5, 2022 7:20 AM
То:	Natalie Gladden
Cc:	'Christian Combs'; 'Bill Ramsey'; Dakoatah Montanez; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Velez, Nelson, EMNRD; Nobui, Jennifer, EMNRD
Subject:	RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Release Notification

Natalie,

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Thank you for the notification. 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.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Friday, April 1, 2022 1:47 PM
To: ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Cc: 'Christian Combs' <ccombs@taprk.com>; 'Bill Ramsey' <Bramsey@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Release Notification
Importance: High

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

Released to Imaging: 2/20/2023 10:31:14 AM

On behalf of Tap Rock, ESS is notifying you that a release occurred on the Bettis 20 State Com #5. Please see details below:

Location: Bettis 20 State Com #5 API No. 30-025-41439 Legal: M-20-24S-33E Lat/Long: 32.1964684 -103.6016769 DOR: 4/1/22 Volume of Release: 28.55bbls of PW released and 2bbls recovered Cause of Release: Contract crew was cleaning out the heater treater, vessel was still pressured up when the hatch was opened. Approximately 2bbls of produced water was released into the lined containment, while the remainder of the fluid was released onto the production pad.

ESS will upload the spill calculator and the Initial C141, momentarily.

Sincerely,

Natalíe Gladden Director of Environmental and Regulatory Services Energy Staffing Services, LLC. 2724 NW County Road Hobbs, NM 88240 Cell: 575-390-6397 Office: 575-393-9048 Email: natalie@energystaffingllc.com



BETTIS 20 STATE COM #5 INITIAL PHOTOS

RELEASE DATE: 04/1/22















Received by OCD: 1/31/2023 10:10:47 AM

BETTIS 20 STATE COM #5 SITE MAP

Legend

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TAPROCK BETTIS 20 STATE COM 5H

Page 31 of 359

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100 ft

BETTIS 20 STATE COM #5 32.1964684 -103.6016769

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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.

BETTIS 20 STATE COM #5

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

BETTIS	20 STATE	COM #5
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Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production		Characteristic rangeland	Compositio			
		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 (R070BD003NM)		650		- 225	black grama	25		
					dropseed	15		
					other perennial grasses	15		-
					bush muhly	10		-
					annual grasses	5		
					cane bluestem	5		-
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					soaptree yucca	5		
					threeawn	5		
Cacique Sandy (F	Sandy (R070BD004NM)	650	650 —	- 225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					threeawn	5		
					yucca	5		

USDA

Natural Resources Conservation Service

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Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022



Natural Resources Conservation Service Web Soil Survey National Cooperative Soil Survey


USDA Natural Resources Conservation Service Released to Imaging: 2/20/2023 10:31:14 AM Web Soil Survey National Cooperative Soil Survey 1/22/2023 Page 1 of 3



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	4.5	100.0%
Totals for Area of Interest		4.5	100.0%



Received by OCD: 1/31/2023 10:10:47 AM National Flood Hazard Layer FIRMette



Legend

Page 40 of 359



Releas2a90 Imaging: 2/20/2023 90.91:14 AM 1,500

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



32.1964684 -103.6016769 BETTIS 20 STATE COM #5

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BETTIS 20 STATE COM #5 WATERCOURSE MAP and the local division in

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Page 42 of 359

BETTIS 20 STATE COM #5

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32.1964684 -103.6016769 BETTIS 20 STATE COM #5

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

		No wells found.	
UTMNAD83 Radius Search (in meters):			
Easting (X): 631802.36	Northing (Y): 3563070	Radius: 1000	

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

12/27/22 2:39 PM

WELLS WITH WELL LOG INFORMATION



(A CLW##### in the POD suffix indicates the POD has been replaced	(R=POI been rep O=orph	olaced,															
& no longer serves a water right	C=the fi closed)	ile is	(1	ers are 1=] (quarters					(NAD83	UTM in meters))			(in fe	et)		
POD Number	Code	POD Subbasin	County	Source	qqq 64164	Sec	Tws	Rng	х	Y	Distance Start Date	Finish Date	Log File Date	Depth Well		Driller	License Number
<u>C 04622 POD1</u>		CUB	LE		3 3 4	24	24S	32E	629436	3563006 🌍	2366 06/07/2022	06/07/2022	06/16/2022			JACKIE ATKINS	1249
<u>C 03565 POD3</u>		CUB	LE		3 4	08	24S	33E	632763	3566546 🌍	3607 09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331
<u>C 03565 POD8</u>		CUB	LE		4 1	15	24S	33E	635485	3565610 🌍	4473		04/02/2013				
<u>C 04339 POD1</u>		CUB	LE		1 3 3	23	24S	33E	636525	3563309 🌍	4728 08/01/2019	08/02/2019	08/22/2019	47		CURRIE, SHANEG.,TY"ENER	1575
<u>C 04339 POD8</u>		CUB	LE		1 1 3	23	24S	33E	636519	3563681 🌍	4756 07/31/2019	07/31/2019	08/22/2019	30		CURRIE, SHANEGTY"ENER	1575
<u>C 04339 POD7</u>		CUB	LE		4 4 2	23	24S	33E	636473	3564011 🌍	4764 07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEGTY"ENER	1575
<u>C 03600 POD4</u>		CUB	LE	Shallow	3 3 1	26	24S	33E	636617	3562293 🌍	4876 01/08/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186
<u>C 04339 POD2</u>		CUB	LE		2 3 3	23	24S	33E	636789	3563315 🌍	4992 08/06/2019	08/06/2019	08/22/2019			CURRIE, SHANEGTY"ENER	1575
Record Count: 8 UTMNAD83 Rad	ius Searc	<u>ch (in meter</u>	<u>:s):</u>														

```
Easting (X): 631802.36
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Northing (Y): 3563070

Radius: 5000

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

12/27/22 2:40 PM

WELLS WITH WELL LOG INFORMATION

				· ·					SW 4=SI	,				
				(quar	ters a	are si	nalles	t to larg	gest)	(NAC	083 UT	M in mete	ers)	
Well Tag	PC	DD Number		Q64	Q16	Q4	Sec	Tws	Rng		Х		Y	
NA	С	04622 POD1		3	3	4	24	24S	32E	629	436	35630	06 🌍	
Driller Licen	se:	1249	Drill	er Co	omp	any	: A1	KINS	ENGI	NEERI	NG A	ASSOC.	INC.	
Driller Name	:	JACKIE ATKINS												
Drill Start Da	ite:	06/07/2022	Drill	Finis	sh D	ate	:	06/0)7/2022	2	Plug	Date:		
Log File Date	e:	06/16/2022	PCW	/ Rcv	/ Da	te:					Sour	ce:		
Pump Type:			Pipe	Disc	char	ge \$	Size:				Estir	nated Y	ield:	
Casing Size:			Dep	th We	ell:						Dept	h Wate	::	
		Casing Perfo	ration		т	on	Bott	om						
		Casing reno		13.	•	•	2011							
						0		55						

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)								
Well Tag	PC	DD Number	Q64	4 Q16 Q4	Sec	Tw	s Rng	X	Ŷ	_
	С	03565 POD3		3 4	08	245	33E	632763	3566546	9
Driller Licens	se:	331	Driller C	Company			LLC DBA	STEWA	RT BROTH	ERS DRILLING
Driller Name:		STEWART, PHIL	LIP D. (LI	D)	C).				
Drill Start Da	te:	09/27/2012	Drill Fin	ish Date	:	10	/21/2012	Plug	Date:	
Log File Date):	12/11/2012	PCW Ro	v Date:				Sour	ce:	
Pump Type:	Pump Type: Pipe Discharge Size:								nated Yiel	d:
Casing Size:		8.90	Depth V	Vell:				Dept	h Water:	1533 feet
w	ate	r Bearing Stratific	ations:	Тор	Bott	om	Descript	ion		
				0		20	Other/Un	known		
				20		55	Sandstor	e/Gravel	/Conglome	rate
				55		227	Shale/Mu		Siltstone	
				1227		262	Other/Un	-		
				1262	• •	295				
				1295	-	310	Other/Un			
				1310 1330	-	330 375	Other/Un Other/Un			
				1479	-	489	Other/Un	-		
				1489		533	Other/Un			

		(quarters are smallest to largest) (NAD83 UTM in meters)
PC	D Number	Q64 Q16 Q4 Sec Tws Rng X Y
С	03565 POD8	4 1 15 24S 33E 635485 3565610 😑
		Driller Company:
ate:		Drill Finish Date: Plug Date:
e:	04/02/2013	PCW Rcv Date: Source:
		Pipe Discharge Size: Estimated Yield:
		Depth Well: Depth Water:
	_	se: :: ate: e: 04/02/2013

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

			(quarters are 1=	NW 2:	=NE 3=	SW 4=SE)		
			(quarters are s	malles	t to larg	(NAD83 UT	M in meters)		
Well Tag	PC	OD Number	Q64 Q16 Q4	Sec	Tws	Rng	Х	Y	
NA	С	04339 POD1	1 3 3	23	24S	33E	636525	3563309	•
Driller Licen	se:	1575	Driller Company	: Cl	JRRIE		NG COM	PANY, INC	
Driller Name):	CURRIE, SHAN	EGTY"ENER						
Drill Start Da	ate:	08/01/2019	Drill Finish Date	:	08/0)2/2019	Plug	Date:	08/02/2019
Log File Dat	e:	08/22/2019	PCW Rcv Date:				Sour	ce:	
Pump Type:			Pipe Discharge	Size:			Estin	nated Yield	d:
Casing Size	:		Depth Well:		47 f	eet	Dept	h Water:	

			(quarters are 1=	=NW 2=	=NE 3=	SW 4=SE)		
			(quarters are s	malles	t to larg	(NAD83 UT	M in meters)		
Well Tag	PC	OD Number	Q64 Q16 Q4	Sec	Tws	Rng	Х	Y	
NA	С	04339 POD8	1 1 3	23	24S	33E	636519	3563681	9
Driller Licer	nse:	1575	Driller Company	: Cl	JRRIE		NG COM	PANY, INC	
Driller Name	e :	CURRIE, SHAN	EGTY"ENER						
Drill Start D	ate:	07/31/2019	Drill Finish Date	:	07/3	31/2019	Plug	Date:	07/31/2019
Log File Dat	te:	08/22/2019	PCW Rcv Date:				Sour	ce:	
Pump Type:	:		Pipe Discharge	Size:			Estin	nated Yield	J:
Casing Size	:		Depth Well:		30 f	eet	Dept	h Water:	

			(quarl	ers ar	e 1=l	NW 2=	=NE 3=	SW 4=SE	,		
			(qua	rters a	are sr	nalles	to larg	(NAD83 UT			
Well Tag	PC	OD Number	Q64	Q16	Q4	Sec	Tws	Rng	Х	Y	
NA	С	04339 POD7	4	4	2	23	24S	33E	636473	3564011	9
Driller Licen	se:	1575	Driller C	ompa	any	: Cl	JRRIE	E DRILL	ING COM	PANY, INC	
Driller Name):	CURRIE, SHAN	EGTY"EN	ER							
Drill Start Da	ate:	07/31/2019	Drill Fini	sh D	ate:		07/3	31/2019	Plug	Date:	07/31/2019
Log File Dat	e:	08/22/2019	PCW Rc	v Dat	te:				Sour	ce:	
Pump Type:			Pipe Dis	char	ge S	Size:			Estir	nated Yield	d:
Casing Size	:		Depth W	ell:			43 f	eet	Dept	h Water:	

OD Number	(quarters are smalles Q64 Q16 Q4 Sec	0,	(NAD83 UTM in mete X	,
	Q64 Q16 Q4 Sec	Tws Rna	v	V
			^	Y
C 03600 POD4	3 3 1 26	24S 33E	636617 356229	93 🌍
: 1186	Driller Company: EN	VIRO-DRILL	, INC.	
RODNEY HAMM	1ER			
01/08/2013	Drill Finish Date:	01/08/2013	Plug Date:	
01/30/2013	PCW Rcv Date:		Source:	Shallow
	Pipe Discharge Size:		Estimated Yi	eld:
	Depth Well:		Depth Water	:
	RODNEY HAMN : 01/08/2013	RODNEY HAMMER 01/08/2013 Drill Finish Date: 01/30/2013 PCW Rcv Date: Pipe Discharge Size:	RODNEY HAMMER : 01/08/2013 Drill Finish Date: 01/08/2013 01/30/2013 PCW Rcv Date: Pipe Discharge Size:	RODNEY HAMMER : 01/08/2013 Drill Finish Date: 01/08/2013 Plug Date: 01/30/2013 PCW Rcv Date: Source: Pipe Discharge Size: Estimated Yi

Received by OCD: 1/31/2023 10:10:47 AM

BETTIS 20 STATE COM #5 GROUNDWATER MAP

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Legend

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C03565 POD3 - 3607 YARDS FROM SITE - 1533' DGW

Page 52 of 359

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- C03565 POD8 4473 YRDS FROM SITE NO GW
- 🕴 C03600 POD4 4876 YARDS FROM SITE NO GW
- C04339 POD1 4728 YARDS FROM SITE, NO GW DATA
- C04339 POD7 4764 YARDS FROM SITE, NO GW DATA
- C04339 POD8 4756 YARDS FROM SITE, NO GW DATA
- FROM SITE NO GW

C04339 POD7 - 4764 YARDS FROM SITE, NO GW DATA

C04339 POD1 4728 YARDS FROM SITE, NO GW DATA

Contraction of the second

 $2 \, \mathrm{m}$

C03565 POD3 - 3607 YARDS FROM SITE - 1539 DGW

C03565 POD8 - 4473 YRDS FROM SITE - NO GW

C04339 POD8 - 4756 YARDS FROM SITE, NO GWIDATA

C04622 POD1 - 2366 YDS FROM SITE - NO GW BETTIS 20 STATE COM #5

C03600 POD4 - 4876 YARDS FROM SITE - NO GW

2

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Released to Imaging: 2/20/2023 10:31:14 AM

OSE POD Locations Map



1/22/2023, 3:26:25 PM



Active

Water Right Regulations Closure Area



Both Estates SiteBoundaries

OSE District Boundary New Mexico State Trust Lands

Subsurface Estate



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Received by OCD: 1/31/2023 10:10:47 AM

Company	Name:	ΤΑΡ	ROCK		Location	Name:	BETTIS 20 ST COM 5			Release Date:	4/1/2022
SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURF	>4000	Н	ND	ND	4970	3130	8100	9320	CALICHE	
	2	320	L							CALICHE	
	4	60	L	ND	ND	ND	ND	ND	55.1	SAND	
SP2	SURF	>4000	Н	ND	ND	5040	3480	8520	7050	CALICHE	
	2	160	L							CALICHE	
	4	nd	L	ND	ND	ND	ND	ND	ND	SAND	
SP3	SURF	>4000	Н	ND	ND	3770	3070	6840	13300	CALICHE	
	2	160	L							CALICHE	
	4	160	L	ND	ND	ND	ND	ND	101	SAND	
	T	•	1	T	-	-	1		-		
SP4	SURF	>4000	Н	0.179	ND	6940	4370	11310	11400	CALICHE	
	2	160	L							CALICHE	
	4	40	L	ND	ND	ND	ND	ND	39.2	SAND	
		-	I	T	T	T	I		T	1	
SP5	SURF	>4000	Н	0.0267	ND	8150	5310	13460	9740	CALICHE	
	2	160	Н							CALICHE	
	4	160	Н	ND	ND	73.2	ND	73.2	138	SAND	
	6	80	L							SAND	
	8	40	L	ND	ND	ND	ND	ND	25.8	SAND	
		-		T		I	I			T	
SP6	SURF	>4000	Н	0.331	ND	19000	12100	31100	14500	CALICHE	
	2	160	L							SAND	
	4	40	L	ND	ND	ND	ND	ND	30	SAND	
	1			1						1	
SP7	SURF	>4000	Н	0.101	ND	5680	4710	10390	11200	CALICHE	
	2	320	L							SAND	
	4	80	L	ND	ND	ND	ND	ND	63.8	SAND	
				T			1				
SP8	SURF	>4000	Н	5.03	56	40900	19200	60156	11800	CALICHE	

	1	320	L							SAND	
	2	140	L	ND	ND	ND	ND	ND	118	SAND	
	•										
SP9	SURF	>4000	Н	2.65	33.2	15100	7730	22863.2	7520	CALICHE	
	1	240	L							SAND	
	2	40	L	ND	ND	ND	ND	ND	27.6	SAND	
SP10	SURF	3200	Н	0.116	ND	6850	3510	10360	3250	CALICHE	
	2	240	L							SAND	
	4	100	L	ND	ND	ND	ND	ND	95.6	SAND	
	1						-				
SP11	SURF	>4000	Н	4.07	50.5	17200	7050	24300.5	7430	CALICHE	
	2	1520	Н							SAND	
	4	160	L							SAND	
	6	20	L	ND	ND	ND	ND	ND	ND	SAND	
							I	I I		-	
SW1	SURF	80	L	ND	ND	29.8	ND	29.8	73.7	CALICHE	
	1	80	L							SAND	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
	1	1		1	[1	-	1 1			
SW2	SURF	80	L	ND	ND	ND	ND	ND	ND	CALICHE	
	1	80	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
											[]
SW3	SURF	40	L	ND	ND	ND	ND	ND	20	CALICHE	
	1	20	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
C) 1/4	CU DE			ND	ND	ND				CALICUT	
SW4	SURF	80		ND	ND	ND	ND	ND	ND	CALICHE	
	1	80	L		ND		ND		ND	SAND	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
	CUDE	40		ND	ND		ND		ND	CALICUE	
SW5	SURF	40		ND	ND	ND	ND	ND	ND	CALICHE	
	1	20	L							SAND	

	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
		<u> </u>						•	•		
SW6	SURF	>4000	Н	ND	ND	199	340	539	5290	CALICHE	
	1	2400	Н							CALICHE	
	2	2560	Н							SAND	
	3	2640	Н							SAND	
	4	1440	Н							SAND	
	5	240	L							SAND	
	6	80	L	ND	ND	ND	ND	ND	67.9	SAND	
								-			
SW7	SURF	>4000	Н	ND	ND	126	224	350	7200	CALICHE	
	1	2800	Н							CALICHE	
	2	2160	Н							SAND	
	3	120	L							SAND	
	4	20	L	ND	ND	ND	ND	ND	24.1	SAND	
	1			-				•			
SW8	SURF	400	Н	ND	ND	120	203	323	307	CALICHE	
	1	240	Н							CALICHE	
	2	120	Н	ND	ND	25.6	52.3	77.9	103	SAND	
	3	100	L							SAND	
	4	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW9	SURF	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
	1	ND	L							CALICHE	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
					•		• • =				
SW10	SURF	80	L	ND	ND	ND	ND	ND	ND	CALICHE	
	1	60	L							CALICHE	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
	0 1 ·			•/-					• • •		
SW11	SURF	60	L	ND	ND	ND	ND	ND	ND	CALICHE	
	1	40	L							CALICHE	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	

SW12	SURF	40	L	ND	ND	ND	ND	ND	ND	CALICHE	
	1	20	L							CALICHE	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
SW13	SURF	40	L	ND	ND	ND	ND	ND	27.7	CALICHE	
	1	40	L							CALICHE	
	2	40	L	ND	ND	ND	ND	ND	41.9	SAND	
SW14	SURF	>4000	Н	ND	ND	761	925	1686	4080	CALICHE	
	1	1520	Н							CALICHE	
	2	400	Н							SAND	
	3	220	Н	ND	ND	117	199	316	208	SAND	
	4	160	L							SAND	
	5	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW15	SURF	80	Н	ND	ND	43.8	78.5	122.3	67	CALICHE	
	1	120	L							CALICHE	
	2	80	L	ND	ND	34.6	ND	34.6	88.9	SAND	
SW16	SURF	640	Н	ND	ND	158	432	590	600	CALICHE	
	1	800	Н							CALICHE	
	2	560	Н							SAND	
	3	400	Н	ND	ND	40.3	78.6	118.9	624	SAND	
	3.5	100	L							SAND	
	4	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW17	SURF	320	Н	ND	ND	205	111	316	268	CALICHE	
	1	240	L							CALICHE	
	2	100	L	ND	ND	ND	ND	ND	82.9	SAND	
SW18	SURF	60	L	ND	ND	32	ND	32	52.4	CALICHE	
	1	80	L							CALICHE	
	2	80	L	ND	ND	46.7	ND	46.7	32.3	SAND	
	3	40	L							SAND	

	4	ND	L	ND	ND	ND	ND	ND	ND	SAND	



CLIENTS	TAPROCK
LOCATION	BETTIS 20 STATE COM #5

SAMPLE ID	LAT	LONG
SP 1	32.196179	-103.60159
SP 2	32.196176	-103.601558
SP 3	32.196147	-103.601709
SP 4	32.196172	-103.601829
SP 5	32.196169	-103.601936
SP 6	32.196122	-103.602002
SP 7	32.196108	-103.601914
SP 8	32.196067	-103.601968
SP 9	32.196058	-103.602054
SP 10	32.196022	-103.60196
SP 11	32.195992	-103.601974
SW 1	32.196185	-103.601568
SW 2	32.196222	-103.601669
SW 3	32.196194	-103.601781
SW 4	32.196226	-103.601884
SW 5	32.196193	-103.601969
SW 6	32.196128	-103.602016
SW 7	32.196063	-103.602085
SW 8	32.19601	-103.60205
SW 9	32.195971	-103.602036
SW 10	32.195965	-103.601985
SW 11	32.195989	-103.601921
SW 12	32.196026	-103.60191
SW 13	32.196054	-103.601902
SW 14	32.196096	-103.601893
SW 15	32.196136	-103.601852
SW 16	32.196128	-103.60176
SW 17	32.196133	-103.601675
SW 18	32.196152	-103.601605

Natalie Gladden

From:	Hamlet, Robert, EMNRD <robert.hamlet@state.nm.us></robert.hamlet@state.nm.us>
Sent:	Wednesday, July 6, 2022 9:20 AM
То:	Natalie Gladden
Cc:	Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD; 'Bill Ramsey'; Christian Combs
Subject:	(Extension Approval) Tap Rock - Bettis 20 State Com #5

RE: Incident #NAPP2209150614

Natalie,

Released to Imaging:

2/20/2023 10:31:14 AM

Your request for an extension to August 30th, 2022 is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Wednesday, July 6, 2022 9:16 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Extension Request

60 days would be nice. We are backed up on progress due to disposal hauling time. The disposals are backed up and have been for a few months. The trucks may sit for 2-3 hours waiting in line before they can unload. With all the rain, its slowed things down too. We are currently working on this job along with others.

Natalie Gladden

Director of Environmental and Regulatory Services Energy Staffing Services, LLC.

2724 NW County Road Hobbs, NM 88240 Cell: 575-390-6397 Office: 575-393-9048 Email: natalie@energystaffingllc.com



From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Sent: Wednesday, July 6, 2022 9:13 AM
To: Natalie Gladden <<u>natalie@energystaffingllc.com</u>>
Subject: RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Extension Request

Natalie,

How long of an extension are you requesting?

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Natalie Gladden <<u>natalie@energystaffingllc.com</u>> Sent: Wednesday, July 6, 2022 8:57 AM To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Nobui, Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>; ocdonline, emnrd, EMNRD <<u>EMNRD.OCDOnline@state.nm.us</u>>; Released to Imaging: 2/20/2023 10:31:14 AM

Cc: 'Bill Ramsey' <<u>bramsey@taprk.com</u>>; Christian Combs <<u>ccombs@taprk.com</u>> Subject: RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Extension Request Importance: High

All,

I am not sure if you received the email below for the extension request on the below site for Tap Rock. Just wanted to resend and make sure you had the request.

Thank you,

Natalie Gladden

Director of Environmental and Regulatory Services Energy Staffing Services, LLC. 2724 NW County Road Hobbs, NM 88240 Cell: 575-390-6397 Office: 575-393-9048 Email: natalie@energystaffingllc.com



From: Natalie Gladden
Sent: Wednesday, June 22, 2022 6:12 PM
To: Hamlet, Robert, EMNRD <<u>robert.hamlet@state.nm.us</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Nobui, Jennifer, EMNRD
<<u>jennifer.nobui@state.nm.us</u>>; Subject: FW: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Extension Request

All,

On behalf of Taprock, ESS would like to request an extension on the below mentioned site. We are moving onto the site to finish the delineation tomorrow.

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>



Released to Imaging: 2/20/2023 10:31:14 AM

 From: Natalie Gladden <<u>natalie@energystaffingllc.com</u>>

 Sent: Tuesday, April 5, 2022 7:21 AM

 To: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>

 Cc: 'Christian Combs' <<u>ccombs@taprk.com</u>>; 'Bill Ramsey' <<u>Bramsey@taprk.com</u>>; Dakoatah Montanez <<u>dakoatah@energystaffingllc.com</u>>; Bratcher, Mike,

 EMNRD <<u>mike.bratcher@state.nm.us</u>>; Hensley, Chad, EMNRD <<u>Chad.Hensley@state.nm.us</u>>; Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; Nobui,

 Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>

 Subject: Re: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Release Notification

Will do. Thank you and have a great day.

Get Outlook for iOS

From: Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>
Sent: Tuesday, April 5, 2022 7:19:46 AM
To: Natalie Gladden <<u>natalie@energystaffingllc.com</u>>
Cc: 'Christian Combs' <<u>ccombs@taprk.com</u>>; 'Bill Ramsey' <<u>Bramsey@taprk.com</u>>; Dakoatah Montanez <<u>dakoatah@energystaffingllc.com</u>>; Bratcher, Mike,
EMNRD <<u>mike.bratcher@state.nm.us</u>>; Hensley, Chad, EMNRD <<u>Chad.Hensley@state.nm.us</u>>; Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; Nobui,
Jennifer, EMNRD <<u>Jennifer.Nobui@state.nm.us</u>>;

Subject: RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Release Notification

Natalie,

Thank you for the notification. 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.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau

EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



Released to Imaging: 2/20/2023 10:31:14 AM

From: Natalie Gladden <<u>natalie@energystaffingllc.com</u>> Sent: Friday, April 1, 2022 1:47 PM To: ocdonline, emnrd, EMNRD <<u>EMNRD.OCDOnline@state.nm.us</u>>; Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Hensley, Chad, EMNRD <<u>Chad.Hensley@state.nm.us</u>> Cc: 'Christian Combs' <<u>ccombs@taprk.com</u>>; 'Bill Ramsey' <<u>Bramsey@taprk.com</u>>; Dakoatah Montanez <<u>dakoatah@energystaffingllc.com</u>> Subject: [EXTERNAL] Tap Rock - Bettis 20 State Com #5 - Release Notification Importance: High

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

All,

On behalf of Tap Rock, ESS is notifying you that a release occurred on the Bettis 20 State Com #5. Please see details below:

Location: Bettis 20 State Com #5 API No. 30-025-41439 Legal: M-20-24S-33E Lat/Long: 32.1964684 -103.6016769 DOR: 4/1/22 Volume of Release: 28.55bbls of PW released and 2bbls recovered Cause of Release: Contract crew was cleaning out the heater treater, vessel was still pressured up when the hatch was opened. Approximately 2bbls of produced water was released into the lined containment, while the remainder of the fluid was released onto the production pad.

ESS will upload the spill calculator and the Initial C141, momentarily.

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>



Natalie Gladden

From:	Nobui, Jennifer, EMNRD <jennifer.nobui@state.nm.us></jennifer.nobui@state.nm.us>
Sent:	Monday, August 22, 2022 2:41 PM
To:	Natalie Gladden
Cc:	Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject:	RE: [EXTERNAL] Composite Notification: Tap Rock Bettis 20 State Com #5

Natalie

Thank you for the notification. 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: Monday, August 22, 2022 12:07 PM

To: ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Cc: 'Bill Ramsey' <bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com> Subject: [EXTERNAL] Composite Notification: Tap Rock Bettis 20 State Com #5

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

All,

Please use this email as the official Composite Sampling Notification on the following release:

Bettis 20 State Com #5 DOR: 4/1/22 Incident ID: NAPP2209150614

Thank you in advance and have a great day!

Natalie Gladden

AM

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: 1/31/2023 10:10:47 AM

Company N	lame:	ТАР	ROCK		Location	Name:	BETTIS 20) STATE C	OM 5	Release Date:	4/1/2022
SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
COMP 1	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 2	4	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 3	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 4	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 5	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 6	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 7	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 8	3	220	L	ND	ND	ND	ND	ND	222	CALICHE	
COMP 9	3	160	L	ND	ND	ND	ND	ND	169	CALICHE	
COMP 10	3	180	L	ND	ND	ND	ND	ND	177	CALICHE	
COMP 11	3	180	L	ND	ND	ND	ND	ND	170	CALICHE	
COMP 12	3	180	L	ND	ND	ND	ND	ND	175	CALICHE	
COMP 13	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 14	3	140	L	ND	ND	ND	ND	ND	144	CALICHE	
COMP 15	3	120	L	ND	ND	ND	ND	ND	109	CALICHE	
COMP 16	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 17	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 18	3	120	L	ND	ND	ND	ND	ND	133	CALICHE	
COMP 19	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 20	3	3220	L	ND	ND	ND	ND	ND	3240	CALICHE	**CHLORIDES**
COMP 20A	4	860	L	ND	ND	ND	ND	ND	854	CALICHE	**CHLORIDES**
COMP 20B	5	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 21	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 22	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 23	3	100	L	ND	ND	ND	ND	ND	102	CALICHE	
COMP 24	3	120	L	ND	ND	ND	ND	ND	118	CALICHE	
COMP 25	3	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 26	3	160	L	ND	ND	ND	ND	ND	168	CALICHE	
COMP 27	3	80	L	ND	ND	ND	ND	ND	ND	CALICHE	
COMP 28	3	180	L	ND	ND	ND	ND	ND	187	CALICHE	
SWC 1	2	80	L	ND	ND	ND	ND	ND	ND	CALICHE	

SWC 2	2	60	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 3	2	40	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 4	2	80	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 5	2	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 6	2	60	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 7	2	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 8	2	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 9	2	40	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 10	2	40	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 11	2	40	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 12	2	20	L	ND	ND	ND	ND	ND	ND	CALICHE	
SWC 13	2	20	L	ND	ND	ND	ND	ND	ND	CALICHE	



CLIENTS	TAPROCK	
LOCATION	BETTIS 20 STATE CO	DM #5

SAMPLE ID	LAT	LONG
C1	32.196176	-103.60159
C2	32.196173	-103.601632
C3	32.196173	-103.601663
C4	32.196149	-103.601699
C5	32.19615	-103.601744
C6	32.196176	-103.601787
C7	32.196151	-103.601805
C8	32.196179	-103.60183
C9	32.196202	-103.601879
C10	32.196168	-103.601876
C11	32.19614	-103.601888
C12	32.196173	-103.601926
C13	32.196128	-103.601932
C14	32.196078	-103.60193
C15	32.196174	-103.601982
C16	32.196148	-103.601985
C17	32.196123	-103.601985
C18	32.196101	-103.601986
C19	32.196078	-103.601985
C20	32.196054	-103.602037
C21	32.196051	-103.60199
C22	32.196041	-103.601947
C23	32.196025	-103.602008
C24	31.196008	-103.60198
C25	32.195984	-103.601997
C26	32.195985	-103.601942
C27	32.196115	-103.601869
C28	32.196036	-103.602076
SWC1	32.195968	-103.601968
SWC2	32.196032	-103601913
SWC3	32.196096	-103.60187
SWC4	32.196131	-103.601778
SWC5	32.196138	-103.601664
SWC6	32.196185	-103.60157
SWC7	32.196218	-103.601671
SWC8	32.196187	-103.60176
SWC9	32.196225	-103.601883
SWC10	32.196137	-103.602022
SWC11	32.196066	-103.602053
SWC12	32.196042	-103.602099
SWC13	32.19599	-103.602028




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: Bettis 20 St. Com 5H

Work Order: E205132

Job Number: 20046-0001

Received: 5/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/26/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 5/26/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 20 St. Com 5H Workorder: E205132 Date Received: 5/25/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/25/2022 10:15:00AM, under the Project Name: Bettis 20 St. Com 5H.

The analytical test results summarized in this report with the Project Name: Bettis 20 St. Com 5H 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:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

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	inal y		
Tap Rock		Project Name:	Bettis 20 St. Com 5	iΗ	Reported:
7 W. Compress Road		Project Number:	20046-0001		Keporteu:
Artesia NM, 88210		Project Manager:	Natalie Gladden		05/26/22 13:41
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - Surface	E205132-01A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP2 - Surface	E205132-02A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP3 - Surf	E205132-03A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP4 - Surf	E205132-04A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP5 - Surf	E205132-05A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP6 - Surf	E205132-06A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP7 - Surf	E205132-07A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP8 - Surf	E205132-08A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP9 - Surf	E205132-09A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP10 - Surf	E205132-10A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SP11 - Surf	E205132-11A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW1 - Surf	E205132-12A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW1 - 2'	E205132-13A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW2 - Surf	E205132-14A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW2 - 2'	E205132-15A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW3 - Surf	E205132-16A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW3 - 2'	E205132-17A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW4 - Surf	E205132-18A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW4 - 2'	E205132-19A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW5 - Surf	E205132-20A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.
SW5 - 2'	E205132-21A	Soil	05/23/22	05/25/22	Glass Jar, 4 oz.



	5	ampic D	aia			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	ber: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
	S	SP1 - Surface	;			
		E205132-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	ND	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		83.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	4970	250	10	05/25/22	05/26/22	
Dil Range Organics (C28-C36)	3130	500	10	05/25/22	05/26/22	
Surrogate: n-Nonane		106 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222045
Chloride	9320	400	20	05/25/22	05/25/22	

Sample Data



Sample Data

	5	ample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. Com 5H 46-0001 Ilie Gladden			Reported: 5/26/2022 1:41:59PM
	S	P2 - Surface				
		E205132-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.4 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	5040	500	20	05/25/22	05/26/22	
Oil Range Organics (C28-C36)	3480	1000	20	05/25/22	05/26/22	
Surrogate: n-Nonane		82.0 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222045
Chloride	7050	200	10	05/25/22	05/25/22	



Sample Data

	50	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
		SP3 - Surf				
		E205132-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
thylbenzene	ND	0.0250	1	05/25/22	05/25/22	
oluene	ND	0.0250	1	05/25/22	05/25/22	
-Xylene	ND	0.0250	1	05/25/22	05/25/22	
,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	ND	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		81.2 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst:	JL		Batch: 2222047
Diesel Range Organics (C10-C28)	3770	250	10	05/25/22	05/26/22	
Dil Range Organics (C28-C36)	3070	500	10	05/25/22	05/26/22	
urrogate: n-Nonane		103 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2222045
Chloride	13300	400	20	05/25/22	05/25/22	



Sample Data

	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
		SP4 - Surf				
		E205132-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Benzene	0.0370	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	0.119	0.0250	1	05/25/22	05/25/22	
o-Xylene	0.0569	0.0250	1	05/25/22	05/25/22	
p,m-Xylene	0.122	0.0500	1	05/25/22	05/25/22	
Total Xylenes	0.179	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.8 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	6940	500	20	05/25/22	05/26/22	
Oil Range Organics (C28-C36)	4370	1000	20	05/25/22	05/26/22	
Surrogate: n-Nonane		97.1 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222045
Chloride	11400	400	20	05/25/22	05/25/22	



Sample Data

	D.	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
		SP5 - Surf				
		E205132-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	0.0267	0.0250	1	05/25/22	05/25/22	
p,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	0.0267	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2222047	
Diesel Range Organics (C10-C28)	8150	500	20	05/25/22	05/26/22	
Oil Range Organics (C28-C36)	5310	1000	20	05/25/22	05/26/22	
Surrogate: n-Nonane		107 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222045
Chloride	9740	400	20	05/25/22	05/25/22	



Sample Data

	50	impic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
		SP6 - Surf				
]	E205132-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
o-Xylene	0.102	0.0250	1	05/25/22	05/25/22	
p,m-Xylene	0.229	0.0500	1	05/25/22	05/25/22	
Total Xylenes	0.331	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.4 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2222047	
Diesel Range Organics (C10-C28)	19000	1250	50	05/25/22	05/26/22	
Oil Range Organics (C28-C36)	12100	2500	50	05/25/22	05/26/22	
Surrogate: n-Nonane		133 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222045
Chloride	14500	400	20	05/25/22	05/25/22	



Sample Data

	52	ample D	ala			
Tap Rock	Project Name:	Bett	is 20 St. Com 5H			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	lie Gladden			5/26/2022 1:41:59PM
		SP7 - Surf				
		E205132-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
oluene	ND	0.0250	1	05/25/22	05/25/22	
-Xylene	0.0281	0.0250	1	05/25/22	05/25/22	
,m-Xylene	0.0727	0.0500	1	05/25/22	05/25/22	
Total Xylenes	0.101	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		80.0 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst:	JL		Batch: 2222047
Diesel Range Organics (C10-C28)	5680	250	10	05/25/22	05/26/22	
Dil Range Organics (C28-C36)	4710	500	10	05/25/22	05/26/22	
urrogate: n-Nonane		113 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2222045
Chloride	11200	400	20	05/25/22	05/25/22	



Sample Data

	56	impic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 ilie Gladden			Reported: 5/26/2022 1:41:59PM
		SP8 - Surf				
	-	E205132-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Benzene	0.0837	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	0.903	0.0250	1	05/25/22	05/25/22	
Toluene	1.71	0.0250	1	05/25/22	05/25/22	
o-Xylene	1.37	0.0250	1	05/25/22	05/25/22	
p,m-Xylene	3.66	0.0500	1	05/25/22	05/25/22	
Total Xylenes	5.03	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	56.0	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2222047	
Diesel Range Organics (C10-C28)	40900	1250	50	05/25/22	05/26/22	
Oil Range Organics (C28-C36)	19200	2500	50	05/25/22	05/26/22	
Surrogate: n-Nonane		105 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: KL		Batch: 2222045
Chloride	11800	400	20	05/25/22	05/25/22	



Sample Data

	50	impic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manage	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
		SP9 - Surf				
]	E205132-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	0.345	0.0250	1	05/25/22	05/25/22	
Toluene	0.112	0.0250	1	05/25/22	05/25/22	
o-Xylene	0.789	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	1.86	0.0500	1	05/25/22	05/25/22	
Total Xylenes	2.65	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	33.2	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2222047	
Diesel Range Organics (C10-C28)	15100	500	20	05/25/22	05/26/22	
Dil Range Organics (C28-C36)	7730	1000	20	05/25/22	05/26/22	
Surrogate: n-Nonane		152 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2222045
Chloride	7520	400	20	05/25/22	05/25/22	



Sample Data

	50	ampie D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden			Reported: 5/26/2022 1:41:59PM
	5	SP10 - Surf				
		E205132-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	0.0376	0.0250	1	05/25/22	05/25/22	
p,m-Xylene	0.0784	0.0500	1	05/25/22	05/25/22	
Total Xylenes	0.116	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		84.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	JL		Batch: 2222047
Diesel Range Organics (C10-C28)	6850	250	10	05/25/22	05/26/22	
Oil Range Organics (C28-C36)	3510	500	10	05/25/22	05/26/22	
Surrogate: n-Nonane		101 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	KL		Batch: 2222045
Chloride	3250	40.0	2	05/25/22	05/25/22	



Sample Data

	58	imple D	ลเล			
Tap Rock	Project Name:		is 20 St. Com 5H			
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	ılie Gladden			5/26/2022 1:41:59PM
	S	SP11 - Surf				
		E205132-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	0.621	0.0250	1	05/25/22	05/25/22	
Toluene	0.605	0.0250	1	05/25/22	05/25/22	
o-Xylene	1.13	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	2.95	0.0500	1	05/25/22	05/25/22	
Total Xylenes	4.07	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst:	IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	50.5	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst:	JL		Batch: 2222047
Diesel Range Organics (C10-C28)	17200	500	20	05/25/22	05/26/22	
Dil Range Organics (C28-C36)	7050	1000	20	05/25/22	05/26/22	
Surrogate: n-Nonane		121 %	50-200	05/25/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KL		Batch: 2222045
Chloride	7430	200	10	05/25/22	05/25/22	



Sample Data

	52	imple D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		is 20 St. Com : 46-0001	5H		Reported:
Artesia NM, 88210	Project Manage		lie Gladden			5/26/2022 1:41:59PM
	S	SW1 - Surf				
	1	E205132-12				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
-Xylene	ND	0.0250	1	05/25/22	05/25/22	
,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	ND	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	29.8	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
urrogate: n-Nonane		111 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2222045
Chloride	73.7	20.0	1	05/25/22	05/26/22	



Sample Data

	25	imple D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 1lie Gladden	[Reported: 5/26/2022 1:41:59PM
		SW1 - 2'				
	-	E205132-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		110 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	56	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 ılie Gladden	[Reported: 5/26/2022 1:41:59PM
	S	SW2 - Surf				
	-	E205132-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	ND	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		110 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	25	ample D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 1lie Gladden			Reported: 5/26/2022 1:41:59PM
		SW2 - 2'				
		E205132-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		112 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	25	imple D	ลเล			
Tap Rock	Project Name:	Bett	is 20 St. Com 5H	I		
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			5/26/2022 1:41:59PM
	S	SW3 - Surf				
]	E205132-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		113 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2222045
Chloride	20.0	20.0	1	05/25/22	05/26/22	



Sample Data

	25	imple D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 1lie Gladden	ł		Reported: 5/26/2022 1:41:59PM
		SW3 - 2'				
]	E205132-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		112 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	58	ample D	ลเล			
Tap Rock	Project Name:		is 20 St. Com 5H	I		
7 W. Compress Road	Project Numbe		46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			5/26/2022 1:41:59PM
	ļ	SW4 - Surf				
		E205132-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		109 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	3	ample D	ลเล			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. Com 5H 46-0001 alie Gladden	I		Reported: 5/26/2022 1:41:59PM
		SW4 - 2'				
		E205132-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/25/22	05/25/22	
Toluene	ND	0.0250	1	05/25/22	05/25/22	
p-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/25/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		110 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	56	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. Com 5H 46-0001 Ilie Gladden			Reported: 5/26/2022 1:41:59PM
	S	SW5 - Surf				
		E205132-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222040
Benzene	ND	0.0250	1	05/25/22	05/25/22	
thylbenzene	ND	0.0250	1	05/25/22	05/25/22	
oluene	ND	0.0250	1	05/25/22	05/25/22	
-Xylene	ND	0.0250	1	05/25/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/25/22	05/25/22	
Total Xylenes	ND	0.0250	1	05/25/22	05/25/22	
urrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222040
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/25/22	05/25/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	05/25/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: JL		Batch: 2222047
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
urrogate: n-Nonane		112 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222045
Chloride	ND	20.0	1	05/25/22	05/26/22	



Sample Data

	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. Com : 46-0001 Ilie Gladden	5H		Reported: 5/26/2022 1:41:59PM
		SW5 - 2'				
		E205132-21				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2222029
Benzene	ND	0.0250	1	05/24/22	05/25/22	
Ethylbenzene	ND	0.0250	1	05/24/22	05/25/22	
Toluene	ND	0.0250	1	05/24/22	05/25/22	
o-Xylene	ND	0.0250	1	05/24/22	05/25/22	
o,m-Xylene	ND	0.0500	1	05/24/22	05/25/22	
Fotal Xylenes	ND	0.0250	1	05/24/22	05/25/22	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	05/24/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2222029
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/24/22	05/25/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	05/24/22	05/25/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2222031
Diesel Range Organics (C10-C28)	ND	25.0	1	05/25/22	05/25/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/25/22	05/25/22	
Surrogate: n-Nonane		107 %	50-200	05/25/22	05/25/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2222038
Chloride	ND	20.0	1	05/25/22	05/26/22	



OC Summary Data

		QC D		ily Data	а				
Tap Rock		Project Name:		ettis 20 St. Co)046-0001	m 5H				Reported:
7 W. Compress Road		Project Number:							
Artesia NM, 88210		Project Manager:	N	atalie Gladder	1				5/26/2022 1:41:59PM
			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 (2222029-BLK1)							Prepared: 0:	5/24/22 A	analyzed: 05/24/22
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	7.62		8.00		95.2	70-130			
LCS (2222029-BS1)							Prepared: 0:	5/24/22 A	analyzed: 05/24/22
Benzene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130			
Toluene	4.97	0.0250	5.00		99.4	70-130			
p-Xylene	4.86	0.0250	5.00		97.2	70-130			
o,m-Xylene	9.61	0.0500	10.0		96.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			
LCS Dup (2222029-BSD1)							Prepared: 0:	5/24/22 A	analyzed: 05/24/22
Benzene	5.19	0.0250	5.00		104	70-130	0.248	20	
Ethylbenzene	4.66	0.0250	5.00		93.2	70-130	0.240	20	
Toluene	4.96	0.0250	5.00		99.2	70-130	0.194	20	
p-Xylene	4.86	0.0250	5.00		97.1	70-130	0.130	20	
p,m-Xylene	9.59	0.0500	10.0		95.9	70-130	0.237	20	
Total Xylenes	14.4	0.0250	15.0		96.3	70-130	0.201	20	
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			



QC Summary Data

		QC DI		ii y Data	u				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Compress Road			ettis 20 St. Co 0046-0001 atalie Gladden					Reported: 5/26/2022 1:41:59PM
		Volatile O	rganics l	by EPA 802	21B				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
	iiig/kg	ing/kg	mg/kg	ing/kg	/0	70	70	/0	Indies
Blank (2222040-BLK1)						1	Prepared: 0	5/25/22 A	analyzed: 05/26/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			
LCS (2222040-BS1)]	Prepared: 0	5/25/22 A	analyzed: 05/26/22
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	4.57	0.0250	5.00		91.5	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.76	0.0250	5.00		95.3	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			
LCS Dup (2222040-BSD1)						1	Prepared: 0	5/25/22 A	analyzed: 05/26/22
Benzene	5.48	0.0250	5.00		110	70-130	7.66	20	
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130	7.62	20	
Toluene	5.24	0.0250	5.00		105	70-130	7.74	20	
o-Xylene	5.14	0.0250	5.00		103	70-130	7.50	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	7.62	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	7.58	20	
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			



QC Summary Data

		QU L	/	ary Dat					
Tap Rock 7 W. Compress Road		Project Name: Project Number		Bettis 20 St. Co 20046-0001	m 5H				Reported:
Artesia NM, 88210		Project Manager		Vatalie Gladder	1				5/26/2022 1:41:59PM
	No	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 (2222029-BLK1)							Prepared: 0	5/24/22 A	nalyzed: 05/24/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Gurrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			
LCS (2222029-BS2)							Prepared: 0	5/24/22 A	nalyzed: 05/24/22
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			
LCS Dup (2222029-BSD2)							Prepared: 0	5/24/22 A	nalyzed: 05/25/22
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.0	70-130	4.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			



QC Summary Data

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Tap Rock		Project Name:		Bettis 20 St. Co	m 5H				Reported:
7 W. Compress Road		Project Number	: 2	20046-0001					
Artesia NM, 88210		Project Manage	r:]	Natalie Gladder	1				5/26/2022 1:41:59PM
	No	nhalogenated	Organic	s 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 (2222040-BLK1)							Prepared: 0	5/25/22 A	nalyzed: 05/26/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			
LCS (2222040-BS2)							Prepared: 0	5/25/22 A	nalyzed: 05/26/22
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			
LCS Dup (2222040-BSD2)							Prepared: 0	5/25/22 A	nalyzed: 05/26/22
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.3	70-130	5.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.3	70-130			



QC Summary Data

		QU D	umm	ary Date	u				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 20 St. Co 20046-0001 Natalie Gladder					Reported: 5/26/2022 1:41:59PM
	Nonha	alogenated Org				/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 (2222031-BLK1)							Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2222031-BS1)							Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	485	25.0	500		96.9	38-132			
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			
Matrix Spike (2222031-MS1)				Source:	E205128-	03	Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	495	25.0	500	ND	99.0	38-132			
Surrogate: n-Nonane	49.5		50.0		98.9	50-200			
Matrix Spike Dup (2222031-MSD1)				Source:	E205128-	03	Prepared: 0	5/24/22 A	Analyzed: 05/24/22
Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	2.67	20	
Surrogate: n-Nonane	43.2		50.0		86.3	50-200			



QC Summary Data

		$\mathbf{x} \in \mathbf{z}$		ing Date					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ettis 20 St. Co 0046-0001 latalie Gladder					Reported: 5/26/2022 1:41:59PM
	Nonha	logenated Org	anics by	EPA 8015I) - 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 (2222047-BLK1)							Prepared: 0	5/25/22 A	Analyzed: 05/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.1		50.0		116	50-200			
LCS (2222047-BS1)							Prepared: 0	5/25/22 A	Analyzed: 05/25/22
Diesel Range Organics (C10-C28)	499	25.0	500		99.9	38-132			
Surrogate: n-Nonane	48.8		50.0		97.6	50-200			
Matrix Spike (2222047-MS1)				Source:	E205132-	07	Prepared: 0	5/25/22 A	Analyzed: 05/26/22
Diesel Range Organics (C10-C28)	6780	250	500	5680	220	38-132			M4
Surrogate: n-Nonane	60.6		50.0		121	50-200			
Matrix Spike Dup (2222047-MSD1)				Source:	E205132-	07	Prepared: 0	5/25/22 A	Analyzed: 05/26/22
Diesel Range Organics (C10-C28)	5980	250	500	5680	59.9	38-132	12.5	20	
Surrogate: n-Nonane	56.1		50.0		112	50-200			



QC Summary Data

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Tap Rock 7 W. Compress Road		Project Name: Project Number:	2	Bettis 20 St. Co 20046-0001					Report	
Artesia NM, 88210		Project Manager:	N	Natalie Gladder	1				5/26/2022 1	:41:59PM
		Anions	by EPA	300.0/9056 A	4				Analyst: k	KL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	No	otes
Blank (2222038-BLK1)							Prepared: 0	5/25/22	Analyzed: 05/	26/22
Chloride	ND	20.0								
LCS (2222038-BS1)							Prepared: 0	5/25/22	Analyzed: 05/	26/22
Chloride	248	20.0	250		99.1	90-110				
Matrix Spike (2222038-MS1)				Source:	E205130-0)1	Prepared: 0	5/25/22	Analyzed: 05/	26/22
Chloride	265	20.0	250	ND	106	80-120				
Matrix Spike Dup (2222038-MSD1)				Source:	E205130-()1	Prepared: 0	5/25/22	Analyzed: 05/	26/22
Chloride	265	20.0	250	ND	106	80-120	0.0528	20		



QC Summary Data

		•		v					
Tap Rock		Project Name:		Bettis 20 St. Co	m 5H				Reported:
7 W. Compress Road		Project Number:	2	0046-0001					
Artesia NM, 88210		Project Manager	:: N	latalie Gladder	1				5/26/2022 1:41:59PM
		Anions	by EPA	300.0/9056 A	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 (2222045-BLK1)							Prepared: 0	5/25/22 A	Analyzed: 05/25/22
Chloride	ND	20.0							
LCS (2222045-BS1)							Prepared: 0	5/25/22 A	Analyzed: 05/25/22
Chloride	249	20.0	250		99.7	90-110			
LCS Dup (2222045-BSD1)							Prepared: 0	5/25/22 A	Analyzed: 05/25/22
Chloride	253	20.0	250		101	90-110	1.31	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:	Bettis 20 St. Com 5H	
	7 W. Compress Road	Project Number:	20046-0001	Reported:
	Artesia NM, 88210	Project Manager:	Natalie Gladden	05/26/22 13:41

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

Reproject Information

ent: Tap hould pject: Beths 20 51. Com 51	Bill To				La	ab Us	se On	nly			T/	AT		EPA P	rogran
Diect: Active (2) St. (Om > 17 Diect Manager:	Attention: EB Address: 2714 NV CL		Lab	WO#	-12	ົ	Job	Number 546-0001	1D	2D	3D	Star	ndard	CWA	SDW
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Time Date		Lab	0%O	- Reference	oy 80	y 826	s 601	а 9		4					
Impled Sampled Matrix 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	_
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589-5wf.		9)						
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inquined by: (Signature) Date Time	Received by: (Signature)	Date		Time				Temp °C	4			_ 13	·		
nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container	Type:	g - gl	ass. p	1 - 00	lv/nla	stic ag ambo	glas	s v -	VOA				
te: Samples are discarded 30 days after results are reported un nples is applicable only to those samples received by the labor	nless other arrangements are made. Hazardous sa	moles will b	e retu	irned t	to clie	nt or	disnos	ad of at the clies	t expe	ense.	The re	port for	the analy	sis of the a	hove
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ote: Samp	les are disc	arded 30 da	ays after res	queous, O - O sults are rep eceived by t	orted unle	ess other	arranger this COC	ments ar The liat	re made. bility of t	Hazardo he laborat	Conta us samples ory is limite			and a d	A	o - po int or	ly/pla dispos	stic, ed of	ag - ar at the	client	expe	nse.	The re				
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

	Tap Rock D	ate Received:	05/25/22	10:15	Work Order ID: E205132
Phone:	(575) 390-6397 D	ate Logged In:	05/24/22	16:50	Logged In By: Caitlin Christian
Email:		ue Date:	05/26/22	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	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	JPS_
4. Was th	he COC complete, i.e., signatures, dates/times, requested	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.	e 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 and project manager not
Sample	Cooler_				provided on COC.
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	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	·	Yes		
13 If no	minutes of sampling visible ice, record the temperature. Actual sample te	mnerature: 4º	C		
		mperature. <u>+</u>	<u>c</u>		
Sample	Container				
14 Ara	aqueous VOC complex present?		No		
	aqueous VOC samples present?		No NA		
15. Are '	VOC samples collected in VOA Vials?		NA		
15. Are ` 16. Is the	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA NA		
15. Are ` 16. Is the 17. Was	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?		NA NA NA		
15. Are ⁷ 16. Is the 17. Was 18. Are 1	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?	s collected?	NA NA NA Yes		
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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





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Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 St. 5

Work Order:	E205135

Job Number: 20046-0001

Received: 5/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/27/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 5/27/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 20 St. 5 Workorder: E205135 Date Received: 5/26/2022 10:00:00AM

Natalie Gladden,



Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/26/2022 10:00:00AM, under the Project Name: Bettis 20 St. 5.

The analytical test results summarized in this report with the Project Name: Bettis 20 St. 5 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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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)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summarv

		Sample Sum	mary		
Tap Rock		Project Name:	Bettis 20 St. 5		Reported:
7 W. Compress Road		Project Number:	20046-0001		-
Artesia NM, 88210		Project Manager:	Natalie Gladden		05/27/22 16:30
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW6 - Surf	E205135-01A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW7 - Surf	E205135-02A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW8 - Surf	E205135-03A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW8 - 2'	E205135-04A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW9 - Surf	E205135-05A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW9 - 2'	E205135-06A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW10 - Surf	E205135-07A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW10 - 2'	E205135-08A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW11 - Surf	E205135-09A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW11 - 2'	E205135-10A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW12 - Surf	E205135-11A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW12 - 2'	E205135-12A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW13 - Surf	E205135-13A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW13 - 2'	E205135-14A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW14 - Surf	E205135-15A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW14 - 3'	E205135-16A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW15 - Surf	E205135-17A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW15 - 2'	E205135-18A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW16 - Surf	E205135-19A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW16 - 3'	E205135-20A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW17 - Surf	E205135-21A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW17 - 2'	E205135-22A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW18 - Surf	E205135-23A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.
SW18 - 2'	E205135-24A	Soil	05/24/22	05/26/22	Glass Jar, 4 oz.



		ampic D	uua			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. 5 46-0001 Ilie Gladden			Reported: 5/27/2022 4:30:37PM
		SW6 - Surf				
		E205135-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
- Surrogate: 1-Chloro-4-fluorobenzene-FID		83.9 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	199	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	340	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		107 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2222069
Chloride	5290	100	5	05/26/22	05/26/22	

Sample Data

Sample Data

	25	imple D	ata			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			5/27/2022 4:30:37PM
	S	SW7 - Surf				
	1	E205135-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		86.4 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	126	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	224	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222069
Chloride	7200	100	5	05/26/22	05/26/22	



Sample Data

	58	imple D	ala			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	r: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manage	er: Nata	lie Gladden			5/27/2022 4:30:37PM
	5	SW8 - Surf				
]	E205135-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		86.2 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.5 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	120	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	203	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		107 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222069
Chloride	307	20.0	1	05/26/22	05/26/22	



Sample Data

	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. 5 46-0001 Ilie Gladden			Reported: 5/27/2022 4:30:37PM
		SW8 - 2'				
		E205135-04				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ai	nalyst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	25.6	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	52.3	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: KL		Batch: 2222069
Chloride	103	20.0	1	05/26/22	05/26/22	



Sample Data

	Di	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. 5 46-0001 1lie Gladden			Reported: 5/27/2022 4:30:37PM
	\$	SW9 - Surf				
		E205135-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Foluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.7 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		104 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



Sample Data

	5	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. 5 46-0001 1lie Gladden			Reported: 5/27/2022 4:30:37PM
		SW9 - 2'				
		E205135-06				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Foluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		86.6 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



Sample Data

	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. 5 46-0001 alie Gladden			Reported: 5/27/2022 4:30:37PM
	S	SW10 - Surf				
		E205135-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.6 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		104 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



Sample Data

	5	ampie D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 St. 5 46-0001 1lie Gladden			Reported: 5/27/2022 4:30:37PM
		SW10 - 2'				
		E205135-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.2 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		101 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



Sample Data

	Di	ample D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. 5 46-0001 alie Gladden			Reported: 5/27/2022 4:30:37PM
Altesia NM, 60210	, ,					5/2//2022 4.50.5/11
		SW11 - Surf				
		E205135-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



Sample Data

	Da	ample D	ata			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			5/27/2022 4:30:37PM
		SW11 - 2'				
	-	E205135-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.5 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



	5	ampie D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numb		Bettis 20 St. 5 20046-0001			Reported:
Artesia NM, 88210	Project Manag		alie Gladden			5/27/2022 4:30:37PM
	S	SW12 - Surf				
		E205135-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
oluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/27/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		105 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



Sample Data

	5	ample D	ลเล			
Tap Rock 7 W. Compress Road	Project Name: Project Numb		is 20 St. 5 46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			5/27/2022 4:30:37PM
		SW12 - 2'				
		E205135-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Foluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.8 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/27/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		105 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: KL		Batch: 2222069
Chloride	ND	20.0	1	05/26/22	05/26/22	



	5	ampie D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numb	er: 2004	is 20 St. 5 46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			5/27/2022 4:30:37PM
	S	SW13 - Surf				
		E205135-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	g/kg Analyst: JL			Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		105 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222069
Chloride	27.7	20.0	1	05/26/22	05/26/22	



Sample Data

	Da	ample D	ata			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			5/27/2022 4:30:37PM
		SW13 - 2'				
		E205135-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		103 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222069
Chloride	41.9	20.0	1	05/26/22	05/26/22	



Sample Data

	Sa	imple D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe	r: 2004	is 20 St. 5 46-0001			Reported:
Artesia NM, 88210	Project Manage	er: Nata	ilie Gladden			5/27/2022 4:30:37PM
	S	W14 - Surf				
]	E205135-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	ng/kg Analyst: JL			Batch: 2222072
Diesel Range Organics (C10-C28)	761	25.0	1	05/26/22	05/27/22	
Oil Range Organics (C28-C36)	925	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		103 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222069
Chloride	4080	40.0	2	05/26/22	05/27/22	



Sample Data

	Sa	imple D	ata			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manage	er: Nata	alie Gladden			5/27/2022 4:30:37PM
		SW14 - 3'				
	1	E205135-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	117	25.0	1	05/26/22	05/27/22	
Dil Range Organics (C28-C36)	199	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2222069
Chloride	208	20.0	1	05/26/22	05/27/22	



	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. 5 46-0001 alie Gladden	Reported: 5/27/2022 4:30:37PM		
	S	SW15 - Surf				
		E205135-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	43.8	25.0	1	05/26/22	05/27/22	
Oil Range Organics (C28-C36)	78.5	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		107 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2222069
Chloride	67.0	20.0	1	05/26/22	05/27/22	



Sample Data

	25	ample D	ata			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manage	er: Nata	ilie Gladden			5/27/2022 4:30:37PM
		SW15 - 2'				
	1	E205135-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
p,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	34.6	25.0	1	05/26/22	05/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		107 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222069
Chloride	88.9	20.0	1	05/26/22	05/27/22	



Sample Data

	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. 5 46-0001 ılie Gladden			Reported: 5/27/2022 4:30:37PM
	S	SW16 - Surf				
		E205135-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
o-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
urrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	158	25.0	1	05/26/22	05/27/22	
Dil Range Organics (C28-C36)	432	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2222069
Chloride	600	20.0	1	05/26/22	05/27/22	



Sample Data

	25	imple D	ata			
Tap Rock	Project Name:	Bett	is 20 St. 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	er: Nata	alie Gladden			5/27/2022 4:30:37PM
		SW16 - 3'				
	1	E205135-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
Toluene	ND	0.0250	1	05/26/22	05/26/22	
p-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222057
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2222072
Diesel Range Organics (C10-C28)	40.3	25.0	1	05/26/22	05/27/22	
Dil Range Organics (C28-C36)	78.6	50.0	1	05/26/22	05/27/22	
Surrogate: n-Nonane		106 %	50-200	05/26/22	05/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222069
Chloride	624	20.0	1	05/26/22	05/27/22	



	50	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 St. 5 46-0001 Ilie Gladden			Reported: 5/27/2022 4:30:37PM
	S	SW17 - Surf				
		E205135-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222056
Benzene	ND	0.0250	1	05/26/22	05/26/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/26/22	
oluene	ND	0.0250	1	05/26/22	05/26/22	
-Xylene	ND	0.0250	1	05/26/22	05/26/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/26/22	
Total Xylenes	ND	0.0250	1	05/26/22	05/26/22	
urrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222056
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/26/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	05/26/22	05/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2222071
Diesel Range Organics (C10-C28)	205	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	111	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		92.1 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222088
Chloride	268	20.0	1	05/26/22	05/27/22	



Sample Data

	Da	ample D	ata				
Tap Rock	Project Name:	Bett	is 20 St. 5				
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			5/27/2022 4:30:37PM	
		SW17 - 2'					
		E205135-22					
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2222056	
Benzene	ND	0.0250	1	05/26/22	05/27/22		
Ethylbenzene	ND	0.0250	1	05/26/22	05/27/22		
Toluene	ND	0.0250	1	05/26/22	05/27/22		
p-Xylene	ND	0.0250	1	05/26/22	05/27/22		
o,m-Xylene	ND	0.0500	1	05/26/22	05/27/22		
Fotal Xylenes	ND	0.0250	1	05/26/22	05/27/22		
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/26/22	05/27/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2222056	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/27/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	05/26/22	05/27/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2222071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/22	05/26/22		
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22		
Surrogate: n-Nonane		90.4 %	50-200	05/26/22	05/26/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2222088	
Chloride	82.9	20.0	1	05/26/22	05/27/22		



	50	imple D	ala			
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		is 20 St. 5 46-0001			Reported:
Artesia NM, 88210	Project Manage		ilie Gladden		5/27/2022 4:30:37PM	
	S	W18 - Surf				
]	E205135-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2222056
Benzene	ND	0.0250	1	05/26/22	05/27/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/27/22	
Foluene	ND	0.0250	1	05/26/22	05/27/22	
p-Xylene	ND	0.0250	1	05/26/22	05/27/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/27/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/27/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/26/22	05/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2222056
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	05/26/22	05/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2222071
Diesel Range Organics (C10-C28)	32.0	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		93.7 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2222088
Chloride	52.4	20.0	1	05/26/22	05/27/22	



Sample Data

	5	ample D	ลเล			
Tap Rock	Project Name	: Bett	is 20 St. 5			
7 W. Compress Road	Project Numb	er: 2004	46-0001		Reported:	
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			5/27/2022 4:30:37PM
		SW18 - 2'				
		E205135-24				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2222056
Benzene	ND	0.0250	1	05/26/22	05/27/22	
Ethylbenzene	ND	0.0250	1	05/26/22	05/27/22	
Toluene	ND	0.0250	1	05/26/22	05/27/22	
p-Xylene	ND	0.0250	1	05/26/22	05/27/22	
o,m-Xylene	ND	0.0500	1	05/26/22	05/27/22	
Fotal Xylenes	ND	0.0250	1	05/26/22	05/27/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/26/22	05/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2222056
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/22	05/27/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	05/26/22	05/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2222071
Diesel Range Organics (C10-C28)	46.7	25.0	1	05/26/22	05/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	05/26/22	05/26/22	
Surrogate: n-Nonane		94.6 %	50-200	05/26/22	05/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2222088
Chloride	32.3	20.0	1	05/26/22	05/27/22	



OC Summary Data

		QC DI		il y Data	•					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ettis 20 St. 5 0046-0001 atalie Gladden					Reported: 5/27/2022 4:30:37PM	
		Volatile Organics by EPA 8021B								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2222056-BLK1)							Prepared: 0	5/26/22 A	Analyzed: 05/27/22	
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	7.90		8.00		98.7	70-130				
LCS (2222056-BS1)							Prepared: 0	5/26/22 A	Analyzed: 05/27/22	
Benzene	4.97	0.0250	5.00		99.5	70-130				
Ethylbenzene	4.47	0.0250	5.00		89.4	70-130				
Toluene	4.75	0.0250	5.00		95.1	70-130				
p-Xylene	4.65	0.0250	5.00		93.0	70-130				
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130				
Total Xylenes	13.8	0.0250	15.0		92.3	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.8	70-130				
LCS Dup (2222056-BSD1)							Prepared: 0	5/26/22 A	Analyzed: 05/27/22	
Benzene	5.30	0.0250	5.00		106	70-130	6.25	20		
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130	6.81	20		
Toluene	5.08	0.0250	5.00		102	70-130	6.54	20		
p-Xylene	4.98	0.0250	5.00		99.5	70-130	6.76	20		
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130	6.76	20		
Total Xylenes	14.8	0.0250	15.0		98.7	70-130	6.76	20		
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130				



QC Summary Data

		<u><u><u>v</u></u><u>v</u><u>v</u></u>		ny Data	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	20	ettis 20 St. 5 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					5/27/2022 4:30:37PM
		Volatile O	rganics b	oy EPA 802	1B				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 (2222057-BLK1)							Prepared: 0	5/26/22 A	analyzed: 05/27/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			
LCS (2222057-BS1)							Prepared: 0	5/26/22 A	analyzed: 05/27/22
Benzene	5.29	0.0250	5.00		106	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.1	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.95	0.0250	5.00		98.9	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			
LCS Dup (2222057-BSD1)							Prepared: 0	5/26/22 A	analyzed: 05/27/22
Benzene	5.24	0.0250	5.00		105	70-130	1.01	20	
Ethylbenzene	4.72	0.0250	5.00		94.3	70-130	0.791	20	
Toluene	5.02	0.0250	5.00		100	70-130	0.776	20	
p-Xylene	4.91	0.0250	5.00		98.2	70-130	0.776	20	
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130	0.776	20	
Total Xylenes	14.6	0.0250	15.0		97.3	70-130	0.776	20	
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			



QC Summary Data

		$\chi \cup \chi$, M 111111	ary Date					
Tap Rock		Project Name:	E	Bettis 20 St. 5					Reported:
7 W. Compress Road		Project Number	: 2	0046-0001					•
Artesia NM, 88210		Project Manage	r: N	Vatalie Gladder	1				5/27/2022 4:30:37PM
	No	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 (2222056-BLK1)							Prepared: 0	5/26/22 Ai	nalyzed: 05/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			
LCS (2222056-BS2)							Prepared: 0	5/26/22 Ai	nalyzed: 05/27/22
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			
LCS Dup (2222056-BSD2)							Prepared: 0	5/26/22 Ai	nalyzed: 05/27/22
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.1	70-130	2.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			



QC Summary Data

		X = ~								
Tap Rock		Project Name:	Е	Bettis 20 St. 5					Reported:	
7 W. Compress Road		Project Number	: 2	0046-0001						
Artesia NM, 88210		Project Manager	r: N	latalie Gladder	1				5/27/2022 4:30:37PM	
	No	onhalogenated	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 (2222057-BLK1)	Prepared: 05								nalyzed: 05/27/22	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130				
LCS (2222057-BS2)							Prepared: 05/26/22 Analyzed: 05/27/22			
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130				
LCS Dup (2222057-BSD2)							Prepared: 0	5/26/22 A	nalyzed: 05/27/22	
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130	0.879	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130				


QC Summary Data

Reported: 27/2022 4:30:37PM
Analyst: JL
Notes
yzed: 05/26/22
yzed: 05/26/22
yzed: 05/27/22
M2
yzed: 05/27/22
M2



QC Summary Data

		QC D		ing Data	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ettis 20 St. 5 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	atalie Gladden					5/27/2022 4:30:37PM
	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 (2222072-BLK1)							Prepared: 0	5/26/22 A	analyzed: 05/26/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.9		50.0		104	50-200			
LCS (2222072-BS1)							Prepared: 0	5/26/22 A	analyzed: 05/26/22
Diesel Range Organics (C10-C28)	505	25.0	500		101	38-132			
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			
Matrix Spike (2222072-MS1)				Source: E	205135-	03	Prepared: 0	5/26/22 A	analyzed: 05/26/22
Diesel Range Organics (C10-C28)	632	25.0	500	120	102	38-132			
Surrogate: n-Nonane	49.2		50.0		98.3	50-200			
Matrix Spike Dup (2222072-MSD1)				Source: E	205135-	03	Prepared: 0	5/26/22 A	analyzed: 05/26/22
Diesel Range Organics (C10-C28)	642	25.0	500	120	105	38-132	1.66	20	
Surrogate: n-Nonane	52.0		50.0		104	50-200			



QC Summary Data

		$\mathbf{x} = \mathbf{z}$		ary Date	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 20 St. 5 0046-0001 Jatalie Gladden					Reported: 5/27/2022 4:30:37PM
		Anions	by EPA	300.0/9056A					Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2222069-BLK1)							Prepared: 0	5/26/22 A	Analyzed: 05/26/22
Chloride LCS (2222069-BS1)	ND	20.0					Prepared: 0	5/26/22 A	Analyzed: 05/26/22
Chloride Matrix Spike (2222069-MS1)	246	20.0	250	Source:]	98.4 E205135-(90-110)1	Prepared: 0	5/26/22 A	Analyzed: 05/26/22
Chloride Matrix Spike Dup (2222069-MSD1)	5940	100	250	5290	258 E205135-(80-120	Prepared: 0	5/26/22 1	M4 Analyzed: 05/26/22
Chloride	6290	100	250	5290	400	80-120	5.81	20	M4



QC Summary Data

		•		•					
Tap Rock		Project Name:	В	ettis 20 St. 5					Reported:
7 W. Compress Road		Project Number:	2	0046-0001					
Artesia NM, 88210		Project Manager	:: N	atalie Gladder	1				5/27/2022 4:30:37PM
		Anions	by EPA	300.0/90564	٨				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 (2222088-BLK1)							Prepared: 0	5/26/22 A	nalyzed: 05/27/22
Chloride	ND	20.0							
LCS (2222088-BS1)							Prepared: 0	5/26/22 A	nalyzed: 05/27/22
Chloride	246	20.0	250		98.5	90-110			
LCS Dup (2222088-BSD1)							Prepared: 0	5/26/22 A	nalyzed: 05/27/22
Chloride	250	20.0	250		99.9	90-110	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.



	_ •		
Tap Rock	Project Name:	Bettis 20 St. 5	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	05/27/22 16:30

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- 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

oject Inf	ormation	1					Chain of Cu	stody												P	Page	01
ent: 📅	anrock	/			151	Bill To		T			Lal		e On					TAT				rogram
oject: #	a prock ettis 20 anager:	Sr 5			Addre	ntion: ESS ess: 2427 W Cour	to Rd			NO#	5134		Job N	Numb	er 0000	1D	2D 3	3D	Standa	ard	CWA	SDWA
dress:					City,	State, Zip Hobbs	NM 8824	0							l Metho	d						RCRA
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ail:									DRO/ORO by 8015	GRO/DRO by 8015	021	260	10	300.0		X	X		NM	CO	UT AZ	TX
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te or tim	e of collectio	n is consider	ed fraud and	may be grounds for	legal action.	Sampled by:	num i	nou	y	Time			100.000	222398		Vel Wegel	e 0 but les		°C on subs	equent da	iys.	Carl Margare
Nain	ed by: (Sign	Will	Dat	5/24/22	2	Received by: (Signature)	larah 5	2-9	5-2	D	3:1	00	Red	ceived	on ice	. (Y/N	e on				
linquist	ed by: (Sign	nature)	Dat		e	Received by: (Signature)	ter 5	126	la	Time			<u>T1</u>			<u>T2</u>			<u></u>			
linquist	ned by: (Sig	nature)	Dat	te Tim	e	Received by: (Signature)	Dat			Time	2		AV	G Ter	np °C	4						
nple Ma	trix: S - Soil,	Sd - Solid, Sg	- Sludge, A -	Aqueous, O - Other		er arrangements are made.	Co	ntaine	r Typ	e: g -	glass	, p - j	poly/	plastic	ag - an	nber g	ass, v -	VOA			1 1 6.1	

oject In	formatior					C	Chain of	Custody											Page 2	of
	-					Bill To					Lah		e On	lv.	T		TAT	1	EPA P	rogram
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dress:	lanager.	~	-			ty, State, Zip Habbs, NM	88	240	-0		1		Analy	sis and Meth	od					RCRA
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Time iampled	Date Sampled	Matrix	No. of Containers	s 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	5
	5/24		1	SWI	2 - 50	rf		11					30	-	X					
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dditio	nal Instru	tions:	/	000	10			100		1	1				·					
(field sam	npler), attest 1	o the validity	and author	enticity of this san	nple. Tam awa	are that tampering with or intentionally	mislabelli	ng the samp	lelocat	ien,								eived on ice the day °C on subsequent c		pled or recei
				nd may be ground	(N/2)		alle	Damo	1	Time	01		0500		ALC: NO		Use Onl			
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ample Ma	triv: S - Soil	Sd - Solid Sg	- Sludge A	A - Aqueous, O - O	ther		120	Contain	er Typ	e:g-	glass,	p -	poly/	plastic, ag - a	mber (glass,	v - VOA	eport for the a		

Released Project Information

Chain of Custody

Page 3 of 3

li a sa ha a da					Bill To			1253	La	ab Us	se On	lv	1.00	1		TAT		EPA Pr	rogram
lient: T	aprock Bettis	DO SE	5	27	Attention: ESS		Lab	WO#			Job	Num	per ,	1D	2D	3D S	standard	CWA	SDWA
	lanager:	0 51	<u></u>		Address: 2724 WW Coup	ty Rd	Fa	wo#	:13	5	200	46	-0001		X				
dress:	lanager.			Carlo Car	City, State, Zip Hobbs , NM	88240					Analy	sis an	d Metho	d					RCRA
ty, State	a Zin		2.1		Phone:	0.0.0				Γ							13 M		1 4
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Time ampled	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	
	5/24		1	SW 17	- Surf	21								X		-		3	
	/	1	1	SW 17		22								1					
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(field sam ate or tim	pler), attest t e of collection	to the validit	ty and auther red fraud and	nticity of this sample may be grounds fo	e. I am aware that tampering with or intentional r legal action. <u>Sampled by:</u>	u Willy	letoca	ition,			pack	ed in ice	at an avg tei	np abov	e 0 but le	ss than 6 °	ved on ice the day C on subsequent d		pled of rece
elinquis	ned by: (Sign	rature)		e/24/22	Received by: (Signature)	Non 5-2	50	Time	e 2	5:0	PRe	ceive	d on ice:	4	Lab Us	se Only I			
	ned by: (Sigr		Dat	e Tin		tan 5/21	122	? /():(00							<u>T3</u>		No.
Relinquis	ned by: (Sigr	nature)	Dat	te Tin		Date		Tim	e			G Te	mp °C	4					
ample M	triv: S - Soil 9	Sd - Solid Se	z - Sludge A -	Aqueous, O - Othe	r	Contair	er Ty	pe:g	- glas	is, p -	poly/	plasti	c, ag - am	ber gl	lass, v -	VOA			
Note: Sar	nnles are di	scarded 30	days after	results are report	ed unless other arrangements are made. H	lazardous samples w	ill be r	return	ed to	client	or dis	posed	of at the c	lient e	xpense.	The re	port for the ar	nalysis of th	ne above
amplos i	s applicable	only to the	ose samples	received by the	laboratory with this COC. The liability of the	e laboratory is limited	to the	e amoi	unt pa	aid for	r on th	e repo	rt.						

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	ate Received:	05/26/22 10):00	Work Order ID: E205135
Phone:	(575) 390-6397 Da	ate Logged In:	05/25/22 16	:18	Logged In By: Caitlin Christian
Email:		le Date:	05/27/22 17	7:00 (1 day TAT)	
Chain o	of Custody (COC)				
	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: U	JPS
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 tł	he COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled and project manager not
Sample	Cooler				provided on COC.
7. Was a	a sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was t	the 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 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 nc	o visible ice, record the temperature. Actual sample ter	nperature: 4%	с		
	Container				
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	he 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	collected?	Yes		
19. Is the	abel				
19. Is the Field La					
Field La	e field sample labels filled out with the minimum inform	ation:		I	
Field La 20. Were	Sample ID?	ation:	Yes		
Field La 20. Were	Sample ID? Date/Time Collected?	ation:	No		
Field La 20. Were	Sample ID? Date/Time Collected? Collectors name?	ation:			
Field La 20. Were 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u>		No No		
Field La 20. Were 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were prese		No No No	[
Field La 20. Were 3 3 5 5 5 5 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	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?	prved?	No No NA		
Field La 20. Were 20. Were 20. Were 20. Were 21. Does 22. Are 24. Is lat	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	prved?	No No No		
Field La 20. Were 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	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 hase Sample Matrix	erved? .ls?	No No NA No		
Sample 21. Does 22. Are = 24. Is lat Multiph 26. Does	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 hase Sample Matrix s the sample have more than one phase, i.e., multiphase?	rved? Ils?	No No NA No No		
Sample 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye	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 hase 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	rved? Ils?	No No NA No		
Sample 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye Subcont	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 hase 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	erved? ils? d?	No No NA No No		
Field La 20. Were 20. Were 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye Subcont 28. Are	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 hase 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	erved? ds? d?	No No NA No NA No	Subcontract Lab	' na

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: Bettis 5

Work Order: E206194

Job Number: 20046-0001

Received: 6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/29/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 6/29/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 5 Workorder: E206194 Date Received: 6/28/2022 11:17:00AM

Natalie Gladden,



Page 155 of 359

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 11:17:00AM, under the Project Name: Bettis 5.

The analytical test results summarized in this report with the Project Name: Bettis 5 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:	Bettis 5		Reported:
7 W. Compress Road		Project Number:	20046-0001		-
Artesia NM, 88210		Project Manager:	Natalie Gladden		06/29/22 18:29
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - 4'	E206194-01A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP2 - 4'	E206194-02A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP3 - 4'	E206194-03A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP4 - 4'	E206194-04A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP5 - 4'	E206194-05A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP6 - 4'	E206194-06A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP7 - 4'	E206194-07A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP8 - 2'	E206194-08A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP9 - 2'	E206194-09A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP10 - 4'	E206194-10A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SP11 - 6'	E206194-11A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SW6 - 6'	E206194-12A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
SW7 - 4'	E206194-13A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.



	~	ampic D				
Tap Rock 7 W. Compress Road	Project Name Project Numb		is 5 46-0001			Reported:
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladden			6/29/2022 6:29:11PM
		SP1 - 4'				
		E206194-01				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	analyst: RKS		Batch: 2227030
Benzene	ND	0.0250	1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250	1	06/28/22	06/28/22	
Toluene	ND	0.0250	1	06/28/22	06/28/22	
p-Xylene	ND	0.0250	1	06/28/22	06/28/22	
o,m-Xylene	ND	0.0500	1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250	1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130	06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	06/28/22	06/28/22	
Surrogate: Toluene-d8		90.2 %	70-130	06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130	06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	06/28/22	06/28/22	
Surrogate: Toluene-d8		90.2 %	70-130	06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		98.2 %	50-200	06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	nalyst: KL		Batch: 2227042
Chloride	55.1	20.0	1	06/28/22	06/28/22	

Sample Data

		ample D	ลเล				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Nam Project Num Project Mana	ber: 2004	is 5 46-0001 Ilie Gladde	en			Reported: 6/29/2022 6:29:11PM
		SP2 - 4'					
		E206194-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
o-Xylene	ND	0.0250		1	06/28/22	06/28/22	
o,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Fotal Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		102 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		102 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		101 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	ND	20.0		1	06/28/22	06/28/22	



	3	ample D	ลเล				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 5 46-0001 Ilie Gladde	en			Reported: 6/29/2022 6:29:11PM
		SP3 - 4'					
		E206194-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
o-Xylene	ND	0.0250		1	06/28/22	06/28/22	
o,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Fotal Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		98.7 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	101	20.0		1	06/28/22	06/28/22	



	S	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 5 46-0001 Ilie Gladd	en			Reported: 6/29/2022 6:29:11PM
		SP4 - 4'					
		E206194-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
o-Xylene	ND	0.0250		1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		110 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		110 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		89.9 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	39.2	20.0		1	06/28/22	06/28/22	



		ample D	uu				
Tap Rock 7 W. Compress Road	Project Name Project Num		is 5 16-0001				Reported:
Artesia NM, 88210	Project Mana		lie Gladde	'n			6/29/2022 6:29:11PM
7110510 1111, 00210	1 Tojeet Main	0	ine Gladde				0.2,2022 0.2,11111
		SP5 - 4'					
		E206194-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
p-Xylene	ND	0.0250		1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		89.8 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		156 %	70-130		06/28/22	06/28/22	<i>S3</i>
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		89.8 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		156 %	70-130		06/28/22	06/28/22	<i>S3</i>
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	73.2	25.0		1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		97.1 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	138	20.0		1	06/28/22	06/28/22	



	3	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 5 46-0001 Ilie Gladde	en			Reported: 6/29/2022 6:29:11PM
		SP6 - 4'					
		E206194-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
p-Xylene	ND	0.0250		1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		117 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		104 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		117 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		104 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK			Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		92.5 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	30.0	20.0		1	06/28/22	06/28/22	



	D	ample D	ata				
Tap Rock	Project Name						
7 W. Compress Road	Project Numl		46-0001				Reported:
Artesia NM, 88210	Project Mana	iger: Nata		6/29/2022 6:29:11PM			
		SP7 - 4'					
		E206194-07					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
p-Xylene	ND	0.0250		1	06/28/22	06/28/22	
o,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		95.0 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		97.0 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		95.0 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK			Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		91.6 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	63.8	20.0		1	06/28/22	06/28/22	



Sample Data

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Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001				Reported:
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladd	en			6/29/2022 6:29:11PM
		SP8 - 2'					
		E206194-08					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
p-Xylene	ND	0.0250		1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		119 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		104 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		119 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		104 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		94.0 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	118	20.0		1	06/28/22	06/28/22	



# Sample Data

	5	ample D	ala				
Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001		Reported:		
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladde	en			6/29/2022 6:29:11PM
		SP9 - 2'					
		E206194-09					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
p-Xylene	ND	0.0250		1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		94.5 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		94.5 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		93.3 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2227042
Chloride	27.6	20.0		1	06/28/22	06/28/22	



# Sample Data

	50	ample D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 5 46-0001 Ilie Gladd	en			<b>Reported:</b> 6/29/2022 6:29:11PM
		SP10 - 4'					
		SP10 - 4 E206194-10					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/28/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/28/22	
Toluene	ND	0.0250		1	06/28/22	06/28/22	
o-Xylene	ND	0.0250		1	06/28/22	06/28/22	
p,m-Xylene	ND	0.0500		1	06/28/22	06/28/22	
Total Xylenes	ND	0.0250		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/28/22	
Surrogate: Bromofluorobenzene		95.7 %	70-130		06/28/22	06/28/22	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		06/28/22	06/28/22	
Surrogate: Toluene-d8		103 %	70-130		06/28/22	06/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		93.1 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	95.6	20.0		1	06/28/22	06/28/22	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manaş	er: 2004	is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 6/29/2022 6:29:11PM
		SP11 - 6'					
		E206194-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/29/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/29/22	
oluene	ND	0.0250		1	06/28/22	06/29/22	
-Xylene	ND	0.0250		1	06/28/22	06/29/22	
,m-Xylene	ND	0.0500		1	06/28/22	06/29/22	
Fotal Xylenes	ND	0.0250		1	06/28/22	06/29/22	
Surrogate: Bromofluorobenzene		94.6 %	70-130		06/28/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		06/28/22	06/29/22	
Surrogate: Toluene-d8		96.8 %	70-130		06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/29/22	
Surrogate: Bromofluorobenzene		94.6 %	70-130		06/28/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		06/28/22	06/29/22	
Surrogate: Toluene-d8		96.8 %	70-130		06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		93.1 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2227042
Chloride	ND	20.0		1	06/28/22	06/28/22	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Nam Project Num Project Mana	ber: 2004	is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 6/29/2022 6:29:11PM
		SW6 - 6'					
		E206194-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/29/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/29/22	
Toluene	ND	0.0250		1	06/28/22	06/29/22	
o-Xylene	ND	0.0250		1	06/28/22	06/29/22	
o,m-Xylene	ND	0.0500		1	06/28/22	06/29/22	
Fotal Xylenes	ND	0.0250		1	06/28/22	06/29/22	
Surrogate: Bromofluorobenzene		94.4 %	70-130		06/28/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		06/28/22	06/29/22	
Surrogate: Toluene-d8		102 %	70-130		06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/29/22	
Surrogate: Bromofluorobenzene		94.4 %	70-130		06/28/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		06/28/22	06/29/22	
Surrogate: Toluene-d8		102 %	70-130		06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		91.3 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2227042
Chloride	67.9	20.0		1	06/28/22	06/28/22	



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Tap Rock	Project Name						
7 W. Compress Road	Project Number: 20046-0001					<b>Reported:</b> 6/29/2022 6:29:11PM	
Artesia NM, 88210	Project Manager: Natalie Gladden						6/29/2022 6:29:11PM
		SW7 - 4'					
		E206194-13					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2227030
Benzene	ND	0.0250		1	06/28/22	06/29/22	
Ethylbenzene	ND	0.0250		1	06/28/22	06/29/22	
Toluene	ND	0.0250		1	06/28/22	06/29/22	
p-Xylene	ND	0.0250		1	06/28/22	06/29/22	
o,m-Xylene	ND	0.0500		1	06/28/22	06/29/22	
Fotal Xylenes	ND	0.0250		1	06/28/22	06/29/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130		06/28/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		06/28/22	06/29/22	
Surrogate: Toluene-d8		104 %	70-130		06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2227030
Gasoline Range Organics (C6-C10)	ND	20.0		1	06/28/22	06/29/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130		06/28/22	06/29/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		06/28/22	06/29/22	
Surrogate: Toluene-d8		104 %	70-130		06/28/22	06/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AK		Batch: 2227036
Diesel Range Organics (C10-C28)	ND	25.0		1	06/28/22	06/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	06/28/22	06/29/22	
Surrogate: n-Nonane		97.4 %	50-200		06/28/22	06/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2227042
Chloride	24.1	20.0		1	06/28/22	06/28/22	



# QC Summary Data

Tap Rock		Project Name:	Re	ttis 5						
7 W. Compress Road		Project Number:		046-0001					Reported:	
1		5								
Artesia NM, 88210		Project Manager:	Na	talie Gladden				6/29/2022 6:29:11PM		
	V	olatile Organic	Compou	unds by EP.	A 82601	3			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 (2227030-BLK1)						Р	repared: 0	5/28/22 An	alyzed: 06/28/22	
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	0.493		0.500		98.6	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130				
Surrogate: Toluene-d8	0.513		0.500		103	70-130				
LCS (2227030-BS1)						Р	repared: 0	5/28/22 An	alyzed: 06/28/22	
Benzene	2.52	0.0250	2.50		101	70-130				
Ethylbenzene	2.48	0.0250	2.50		99.0	70-130				
Foluene	2.41	0.0250	2.50		96.4	70-130				
p-Xylene	2.34	0.0250	2.50		93.8	70-130				
p,m-Xylene	4.68	0.0500	5.00		93.6	70-130				
Total Xylenes	7.03	0.0250	7.50		93.7	70-130				
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130				
Surrogate: Toluene-d8	0.512		0.500		102	70-130				
LCS Dup (2227030-BSD1)						Р	repared: 0	5/28/22 An	alyzed: 06/28/22	
Benzene	2.42	0.0250	2.50		96.7	70-130	4.07	23		
Ethylbenzene	2.45	0.0250	2.50		97.8	70-130	1.22	27		
Toluene	2.33	0.0250	2.50		93.4	70-130	3.25	24		
p-Xylene	2.58	0.0250	2.50		103	70-130	9.43	27		
p,m-Xylene	4.59	0.0500	5.00		91.9	70-130	1.88	27		
Total Xylenes	7.17	0.0250	7.50		95.6	70-130	2.04	27		
Surrogate: Bromofluorobenzene	0.571		0.500		114	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.5	70-130				
Surrogate: Toluene-d8	0.513		0.500		103	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	Bettis 5 20046-0001 Natalie Gladden				<b>Reported:</b> 6/29/2022 6:29:11PM	
	No	nhalogenated (	Organics	s 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 (2227030-BLK1)							Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Gasoline Range Organics (C6-C10)	ND	20.0					*		-
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			
LCS (2227030-BS2)							Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Gasoline Range Organics (C6-C10)	53.7	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.451		0.500		90.1	70-130			
LCS Dup (2227030-BSD2)							Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130	3.15	20	
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	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	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 6/29/2022 6:29:11PM
	Nonh	alogenated Orga		v EPA 8015D	- DRO	/ORO			Analyst: AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2227036-BLK1)							Prepared: 0	6/28/22	Analyzed: 06/29/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	50-200			
LCS (2227036-BS1)							Prepared: 0	6/28/22	Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	506	25.0	500		101	38-132			
Surrogate: n-Nonane	48.0		50.0		95.9	50-200			
Matrix Spike (2227036-MS1)				Source: I	206194-	07	Prepared: 0	6/28/22	Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	579	25.0	500	ND	116	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			
Matrix Spike Dup (2227036-MSD1)				Source: I	206194-	07	Prepared: 0	6/28/22	Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	565	25.0	500	ND	113	38-132	2.34	20	
Surrogate: n-Nonane	48.7		50.0		97.3	50-200			



# **QC Summary Data**

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Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 6/29/2022 6:29:11PM
		Anions	by EPA	300.0/9056A					Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2227042-BLK1)							Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Chloride LCS (2227042-BS1)	ND	20.0					Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2227042-MS1)				Source: I	E <b>206194-</b> (	)1	Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Chloride	311	20.0	250	55.1	102	80-120			
Matrix Spike Dup (2227042-MSD1)				Source: I	E <b>206194</b> -	01	Prepared: 0	6/28/22 A	nalyzed: 06/28/22
Chloride	313	20.0	250	55.1	103	80-120	0.413	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:	Bettis 5	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/29/22 18:29

S3 Surrogate spike recovery was outside acceptance limits. LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

Image: City, State, Zip     City, State, Zip     Image: City, State, Zip     Image: City, State, Zip       cone:     Phone: 575     390     Cone: City, State, Zip       cone:     Email: Notalic     Gradam	BLEX ph 8021 Analysis and Meth Wetals 6010 Chloride 300.0 Chloride 300.0		CWA SDWA
Image: Sampled     No. of Containers     Sample ID         Email:     Lab     Number	Analysis and Meth		RCRA
One:     Email:     Stanpled       nail:     port due by:     Sampled       Time     Date     Matrix       No. of     Containers       Sampled     Matrix			RCRA
ail:	y 8021 / 8260 6010 le 300.0	NML CO	
ail: port due by: Time Date Matrix No. of Containers Sample ID Lab Number 2	y 8021 / 8260 6010 fe 300.0		State
Date mpled     Date Sampled     Matrix     No. of Containers     Sample ID     Lab Number     Number	y 802 / 826		
6/24 5 1 SPI-4'	BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.	BGDOC BGDOC	Remarks
) ( ( 5P2-4' 2			
() 5P3-4' 3			
) ( ( 574-4' 4			
<u>5P5-4'</u> 5			
J 5P6-4 0		/	
		+(	
)   SP8-2' 8			
$\left( \left( \right) SP9 - 2' 9 \right)$		+(	
10 10 10 10			
ditional Instructions:	Complex requiring thermal	preservation must be received on ice the day	
e or time of collection is considered fraud and may be grounds for legal action. A Sampled by: Jordon Ponder Quedon Pa	packed in ice at an avg ten	np above 0 but less than 6 °C on subsequent d	
Inquished by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time Signature)	50 Received on ice:	Lab Use Only	
ling lished by: (Signature) Date Time Received by: (Signature) Date Time Inquisingli by: (Signature) Date Time Received by: (Signature) Date Time	17 11	<u>T2 T3</u>	
0	AVG Temp ^o C	<u> </u>	
nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - gla te: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to	ass, <b>p</b> - poly/plastic, <b>ag</b> - aml	per glass, v - VOA	
mples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount p	naid for on the report		
		•	
	C3 A	nvirot	recl

ent:	Tapro	ck							То			1016	La		se Or					TA	١T		EPA P	rogram				
oject:	Tapro Betto	, 5		0		Attenti	on: E	55		DC	Lab	WO#	101			Numb		1D	2D	3D	St	andard	CWA	SDWA				
dress:	lanager:				- (A)	Addres:	s:2720	y w	country	NO COTIN	Ea	DU	0191	4			-0001		V									
y, Stat	e 7in				1.34	Dhone	<u>575</u>	200	25 1111	38200		1			Analy	/sis an	d Metho	d	r	<u>г т</u>				RCRA				
one:	c, <u>-</u> p			()		-mail· I	Data	lio (	Sladday	<u> </u>	S	2											State					
ail:					1999	Address: 2724 w County R.J City, State, Zip Holobs NM 88200 Phone: 575 390 6397 Email: Notolie Gladdon					8015	801	_		5010					0						NM CO	State	TX
port due by:			1					(d D)	(d D)	802	8260	5010	5010	5010		6010	5 300		MN	Τ								
'ime mpled	Date Sampled	Matrix	No. of Containers	Sample ID					8	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks					
	6/24	5	)	SPI1-	. 6					11								~	1									
	$\leq$	5	<	5011- SWG- SWJ-	Le'					12		-						K										
	)	)	>	SW7-	4					13								)										
-													-															
					ç.													-										
	al Instruc		and authent	icity of this sample	. Tam aw	are that t	mpering	with or inte	ntionally mislabe	lling the sample	e locati	oņ,			Sample	es requiri	ng thermal	oreserva	tion mu	st be rec	eived c	on ice the day	they are sampl	ed or receive				
	A THE DESIGNATION OF ADDR	and south as a costallate		may be grounds for		on.		Sampled by:	gordont	onder	ger	ten	Kan	da	packed	in ice at	an avg tem	o above	0 but le	ss than 6	°C on s	subsequent da	ys.					
alle the second	ed by: (Signa d by: (Signa	der		24/22 Tim		Re	eivegyby	: (Signatur	e Tordan i	63	73)	Time	5	2	Rece	eived	on ice:	Y	AP N	se On	ly							
SI	ed by: (Signa	IN	Date	-272h	4,1	2 (	lle	: Signatur		U28	22	Time	:[-	7-	<u>T1</u>			<u>T2</u>	Aurile Aurile			<u>T3</u>						
ala Mari	the Call Call	Callel Ca	Chudaa A A						`		<b>.</b>					Tem		+										
				Aqueous, <b>O</b> - Other esults are reporte	d unless	_ other ar	rangeme	ents are ma	de Hazardou	Containe	r Type	g - g	to clic	p - po	oly/pl	astic,	ag - amb	er gla	ss, v -	VOA	anart	forthe are	le de la fale a	- 1				
nples is	applicable o	nly to thos	e samples r	received by the la	aborator	with th	is COC. T	he liability	of the laborate	ory is limited to	o the a	moun	t paid	for o	n tha	onort												
														(	2		0	n	V	Î	r	ot	e	C				

# **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock Da	te Received:	06/28/22 11	:17	Work Order ID: E206194
Phone:	(575) 390-6397 Da	te Logged In:	06/27/22 10	5:41	Logged In By: Caitlin Christian
Email:		ie Date:	06/29/22 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: U	<u>PS</u>
4. Was th	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		Time sampled and project manager not
Sample	<u>Cooler</u>				provided on COC.
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 ten	nperature: 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		
	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La					
	e field sample labels filled out with the minimum information	ation:			
S	Sample ID?		Yes		
	Date/Time Collected?		No	L	
	Collectors name?		No		
	Preservation		N		
	s the COC or field labels indicate the samples were prese	rvea?	No		
	sample(s) correctly preserved?	169	NA Na		
	b filteration required and/or requested for dissolved meta	15 (	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?	10	No		
27. If ye	s, does the COC specify which phase(s) is to be analyzed	17	NA		
	tract Laboratory				
	samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so		NA		



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: Bettis 5

Work Order: E208063

Job Number: 20046-0001

Received: 8/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/11/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 8/11/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 5 Workorder: E208063 Date Received: 8/10/2022 10:15:00AM

Natalie Gladden,



Page 180 of 359

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/10/2022 10:15:00AM, under the Project Name: Bettis 5.

The analytical test results summarized in this report with the Project Name: Bettis 5 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

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		Sample Sum	mai y		
Tap Rock		Project Name:	Bettis 5		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reported.
Artesia NM, 88210		Project Manager:	Natalie Gladden		08/11/22 14:54
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW8 - 4'	E208063-01A	Soil	08/08/22	08/10/22	Glass Jar, 4 oz.
SW14 - 5'	E208063-02A	Soil	08/08/22	08/10/22	Glass Jar, 4 oz.
SW16 - 4'	E208063-03A	Soil	08/08/22	08/10/22	Glass Jar, 4 oz.
SW18- 4'	E208063-04A	Soil	08/08/22	08/10/22	Glass Jar, 4 oz.
SP5 - 8'	E208063-05A	Soil	08/08/22	08/10/22	Glass Jar, 4 oz.



	~					
Tap Rock 7 W. Compress Road	Project Nam Project Num		is 5 46-0001			Reported:
Artesia NM, 88210	Project Man		lie Gladden			8/11/2022 2:54:32PM
Antesia 100, 00210	1 Tojeet Wildin	-	ine Gladden			0.11.2022 210 1102111
		SW8 - 4'				
		E208063-01				
		Reporting				
Analyte	Result	Limit	Dilutic	n Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2233047
Benzene	ND	0.0250	1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/10/22	08/10/22	
Toluene	ND	0.0250	1	08/10/22	08/10/22	
o-Xylene	ND	0.0250	1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		103 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	08/10/22	08/10/22	
Surrogate: Toluene-d8		103 %	70-130	08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0	1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/10/22	08/10/22	
Surrogate: n-Nonane		81.4 %	50-200	08/10/22	08/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: KL		Batch: 2233048
Chloride	ND	20.0	1	08/10/22	08/10/22	

# Sample Data



## Sample Data

	56	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 5 16-0001 Ilie Gladde	<b>Reported:</b> 8/11/2022 2:54:32PM			
		SW14 - 5'					
		E208063-02					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2233047
Benzene	ND	0.0250		1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250		1	08/10/22	08/10/22	
Toluene	ND	0.0250		1	08/10/22	08/10/22	
o-Xylene	ND	0.0250		1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500		1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		103 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		103 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0		1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/10/22	08/10/22	
Surrogate: n-Nonane		103 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2233048
Chloride	ND	20.0		1	08/10/22	08/10/22	



## Sample Data

	L.	bample D	aca				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Nam Project Num Project Mana	ber: 2004	is 5 46-0001 alie Gladde	en			<b>Reported:</b> 8/11/2022 2:54:32PM
	5	0					
		SW16 - 4'					
		E208063-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2233047
Benzene	ND	0.0250		1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250		1	08/10/22	08/10/22	
Toluene	ND	0.0250		1	08/10/22	08/10/22	
p-Xylene	ND	0.0250		1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500		1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		103 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		103 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0		1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/10/22	08/10/22	
Surrogate: n-Nonane		98.6 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2233048
Chloride	ND	20.0		1	08/10/22	08/10/22	



## Sample Data

	D	ample D	uu				
Tap Rock	Project Name						
7 W. Compress Road	Project Number: 20046-0001					Reported:	
Artesia NM, 88210	Project Mana	iger: Nata	ilie Gladde	en		8/11/2022 2:54:32PM	
		SW18-4'					
		E208063-04					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2233047
Benzene	ND	0.0250		1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250		1	08/10/22	08/10/22	
Toluene	ND	0.0250		1	08/10/22	08/10/22	
o-Xylene	ND	0.0250		1	08/10/22	08/10/22	
p,m-Xylene	ND	0.0500		1	08/10/22	08/10/22	
Total Xylenes	ND	0.0250		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	st: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0		1	08/10/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/10/22	08/10/22	
Surrogate: n-Nonane		86.7 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2233048
Chloride	ND	20.0		1	08/10/22	08/10/22	



# Sample Data

	D	ample D	uu				
Tap Rock 7 W. Compress Road	Project Name Project Numb	oject Name: Bettis 5 oject Number: 20046-0001 oject Manager: Natalie Gladden					Reported:
Artesia NM, 88210	Project Mana					8/11/2022 2:54:32PM	
		SP5 - 8'					
		E208063-05					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: IY				Batch: 2233047
Benzene	ND	0.0250		1	08/10/22	08/10/22	
Ethylbenzene	ND	0.0250		1	08/10/22	08/10/22	
Toluene	ND	0.0250		1	08/10/22	08/10/22	
p-Xylene	ND	0.0250		1	08/10/22	08/10/22	
o,m-Xylene	ND	0.0500		1	08/10/22	08/10/22	
Fotal Xylenes	ND	0.0250		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2233047
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/10/22	08/10/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		08/10/22	08/10/22	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		08/10/22	08/10/22	
Surrogate: Toluene-d8		104 %	70-130		08/10/22	08/10/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2233051
Diesel Range Organics (C10-C28)	ND	25.0		1	08/10/22	08/10/22	
Dil Range Organics (C28-C36)	ND	50.0		1	08/10/22	08/10/22	
Surrogate: n-Nonane		102 %	50-200		08/10/22	08/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2233048
Chloride	25.8	20.0		1	08/10/22	08/10/22	



# QC Summary Data

Tap Rock		Project Name:	Be	ttis 5					Reported:
7 W. Compress Road		Project Number:	20	046-0001					Keporteu.
Artesia NM, 88210		Project Manager:		italie Gladden				5	8/11/2022 2:54:32PM
	V	olatile Organic	Compor	unds by EP	A 82601	3			Analyst: IY
			-	-					11111/00/11
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2233047-BLK1)						D	repored: 0	8/10/22 Am	alyzed: 08/10/22
Benzene	ND	0.0250				1	repared. 00	5/10/22 All	alyzed: 08/10/22
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	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
LCS (2233047-BS1)						Р	repared: 08	8/10/22 An	alyzed: 08/10/22
Benzene	2.18	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.9	70-130			
Toluene	2.14	0.0250	2.50		85.6	70-130			
o-Xylene	2.04	0.0250	2.50		81.7	70-130			
p,m-Xylene	4.07	0.0500	5.00		81.4	70-130			
Total Xylenes	6.11	0.0250	7.50		81.5	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS Dup (2233047-BSD1)						Р	repared: 08	8/10/22 An	alyzed: 08/10/22
Benzene	2.42	0.0250	2.50		96.7	70-130	10.1	23	
Ethylbenzene	2.47	0.0250	2.50		98.6	70-130	11.5	27	
Toluene	2.40	0.0250	2.50		95.8	70-130	11.3	24	
p-Xylene	2.30	0.0250	2.50		92.0	70-130	11.9	27	
p,m-Xylene	4.57	0.0500	5.00		91.3	70-130	11.5	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	11.6	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



# **QC Summary Data**

		QC D	umm		4				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	:	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 8/11/2022 2:54:32PM
	No	nhalogenated (	Organic	s by EPA 801	5D - G	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
Blank (2233047-BLK1)							Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			
LCS (2233047-BS2)							Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.2	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			
LCS Dup (2233047-BSD2)							Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130	7.52	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			



# **QC Summary Data**

		$\mathbf{x} \in \mathbf{z}$		ary Date	•				
Tap Rock 7 W. Compress Road		Project Name: Project Number:	2	Bettis 5 20046-0001					Reported:
Artesia NM, 88210		Project Manager:	Ν	Vatalie Gladden					8/11/2022 2:54:32PM
	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 (2233051-BLK1)							Prepared: 0	8/10/22 A	analyzed: 08/10/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.7		50.0		91.4	50-200			
LCS (2233051-BS1)							Prepared: 0	8/10/22 A	analyzed: 08/10/22
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike (2233051-MS1)				Source: l	E <b>208062</b> -	12	Prepared: 0	8/10/22 A	analyzed: 08/10/22
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	44.9		50.0		89.7	50-200			
Matrix Spike Dup (2233051-MSD1)				Source: l	E <b>208062</b> -	12	Prepared: 0	8/10/22 A	analyzed: 08/10/22
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	1.53	20	
Surrogate: n-Nonane	47.4		50.0		94.8	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:		Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 8/11/2022 2:54:32PM
		Anions	by EPA	300.0/9056A					Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2233048-BLK1)							Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride LCS (2233048-BS1)	ND	20.0					Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride Matrix Spike (2233048-MS1)	248	20.0	250	Source:	99.1 <b>E208062-(</b>	90-110	Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride	804	200	250	347	183	80-120	110paroa o		M2
Matrix Spike Dup (2233048-MSD1)				Source:	E208062-0	01	Prepared: 0	8/10/22 A	nalyzed: 08/10/22
Chloride	819	200	250	347	189	80-120	1.93	20	M2

QC Summary Report Comment:

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



Tap Rock	Project Name:	Bettis 5	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/11/22 14:54

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

Released r

Chain of Custody

<u>Client:</u>	Japr	out						Bill To				La	b Us	e On	ly					TAT		EPA P	rogram
	Bettie	<u>5</u>				Atte	ention: ESS	5		Lab	WO#	ŧ		Job I	Numl	ber	10	20			tandard	CWA	SDWA
Project N	lanager:					Add	ress: TTZU	NW County	Rd		207	<u>sor</u>	13	S	Hlo-	0001			$\mathbf{X}$				
Àddress:			·····			City	, State, Zip 📙	060 hm 390 6397	88240					Analy	sis ar	d Meth	nod				T		RCRA
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Phone:						Ema	ail: Nova Vi	e Gladson			15											State	
Email:	·			,			•			v 80	y 80	5	0		8.		5				NM CO	UTAZ	TX
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0							Remarks	
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Sample Mat	rix: S - Soil, Sc	- Solid, Sg -	Sludge, A - A	queous, <b>O</b> - Ot	ther			<u> </u>	Containe	r Type	e: g - p	glass,	p - pc	oly/pla	astic.	ag - an	iber g	lass	v - V(	DA			
Note: Sam	ples are disc	arded 30 d	ays after re	sults are rep	orted u	nless oth	er arrangements a	are made. Hazardous	samples will	be ret	turned	to cli	ent or	dispo	sed of	at the d	lient e	xpen	se. T	he repo	ort for the an	alysis of the	above

Received b Page _____ of ____

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samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

# **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	ate Received:	08/10/22 1	0:15	Work Order ID: E208063
Phone:	(575) 390-6397 Da	ate Logged In:	08/10/22 0	8:46	Logged In By: Caitlin Christian
Email:	natalie@energystaffingllc.com De	ue Date:	08/11/22 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: U	IPS
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		<b>Comments/Resolution</b>
Sample 7	<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 (	<u>Cooler</u>				provided on COC.
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	custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was th	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	nperature: 4°	С		
	Container	·	_		
	equeous VOC samples present?		No		
	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	a trip blank (TB) included for VOC analyses?		NA		
18. Are r	non-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample containers	s collected?	Yes		
Field La	<u>bel</u>				
20. Were	field sample labels filled out with the minimum inform	ation:			
	Sample ID?		Yes		
	Date/Time Collected? Collectors name?		No	-	
-	Preservation		No		
	the COC or field labels indicate the samples were prese	erved?	No		
	sample(s) correctly preserved?		NA		
	filteration required and/or requested for dissolved meta	als?	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		NA		
•	ract Laboratory				
	amples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so			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: Bettis 5

Work Order: E208148

Job Number: 20046-0001

Received: 8/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/29/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 8/29/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 5 Workorder: E208148 Date Received: 8/26/2022 10:32:00AM

Natalie Gladden,



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Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/26/2022 10:32:00AM, under the Project Name: Bettis 5.

The analytical test results summarized in this report with the Project Name: Bettis 5 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:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

**Southern New Mexico Area Lynn Jarboe** Technical Representative/Client Services Office: 505-421-LABS(5227)

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	mary		
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	Bettis 5 20046-0001 Natalie Gladden		<b>Reported:</b> 08/29/22 16:13
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CP1	E208148-01A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
CP2	E208148-02A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
Р3	E208148-03A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P4	E208148-04A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
Р5	E208148-05A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P6	E208148-06A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P7	E208148-07A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P8	E208148-08A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P10	E208148-09A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P11	E208148-10A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P12	E208148-11A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P14	E208148-12A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P15	E208148-13A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P16	E208148-14A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P17	E208148-15A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P18	E208148-16A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P19	E208148-17A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P20	E208148-18A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P21	E208148-19A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P22	E208148-20A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P23	E208148-21A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P24	E208148-22A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P25	E208148-23A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P26	E208148-24A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P27	E208148-25A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P28	E208148-26A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P9	E208148-27A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.
P13	E208148-28A	Soil	08/25/22	08/26/22	Glass Jar, 4 oz.



	~	ampic D				
Tap Rock 7 W. Compress Road	Project Name Project Numb		is 5 46-0001			Reported:
Artesia NM, 88210	Project Mana		ilie Gladden			8/29/2022 4:13:05PM
		CP1				
		E208148-01				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY		Batch: 2235072
Benzene	ND	0.0250	1	08/26/	08/26/22	
Ethylbenzene	ND	0.0250	1	08/26/	22 08/26/22	
Toluene	ND	0.0250	1	08/26/	22 08/26/22	
p-Xylene	ND	0.0250	1	08/26/	08/26/22	
p,m-Xylene	ND	0.0500	1	08/26/	08/26/22	
Fotal Xylenes	ND	0.0250	1	08/26/	08/26/22	
Surrogate: Bromofluorobenzene		102 %	70-130	08/26/	/22 08/26/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/26/	/22 08/26/22	
Surrogate: Toluene-d8		104 %	70-130	08/26/	08/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/	08/26/22	
Surrogate: Bromofluorobenzene		102 %	70-130	08/26/	/22 08/26/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/26/	/22 08/26/22	
Surrogate: Toluene-d8		104 %	70-130	08/26/	08/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	ND	25.0	1	08/25/	22 08/26/22	
Dil Range Organics (C28-C36)	ND	50.0	1	08/25/	08/26/22	
Surrogate: n-Nonane		103 %	50-200	08/25/	/22 08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: KL		Batch: 2235069
Chloride	ND	20.0	1	08/26/	22 08/26/22	

# Sample Data



# Sample Data

		ample D	ata				
Tap Rock	Project Name:	Bett	is 5				
7 W. Compress Road	Project Numbe		46-0001				Reported:
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladde	en			8/29/2022 4:13:05PM
		CP2					
		E208148-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/26/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/26/22	
Toluene	ND	0.0250		1	08/26/22	08/26/22	
p-Xylene	ND	0.0250		1	08/26/22	08/26/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/26/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/26/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/26/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		08/26/22	08/26/22	
Surrogate: Toluene-d8		105 %	70-130		08/26/22	08/26/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/26/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/26/22	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		08/26/22	08/26/22	
Surrogate: Toluene-d8		105 %	70-130		08/26/22	08/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/29/22	
Dil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/29/22	
Surrogate: n-Nonane		74.1 %	50-200		08/25/22	08/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	ND	20.0		1	08/26/22	08/26/22	



# Sample Data

		ample D	ara				
Tap Rock	Project Name:	Bett	is 5				
7 W. Compress Road	Project Numbe		46-0001				Reported:
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladd	en			8/29/2022 4:13:05PM
		CP3					
		E208148-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
o-Xylene	ND	0.0250		1	08/26/22	08/27/22	
,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130		08/26/22	08/27/22	
urrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		08/26/22	08/27/22	
urrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	271	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	324	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		102 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2235069
Chloride	57.8	20.0		1	08/26/22	08/26/22	



# Sample Data

	0	ample D	ala				
Tap Rock	Project Name						
7 W. Compress Road	2	oject Number: 20046-0001					Reported:
Artesia NM, 88210	Project Mana	iger: Nata	Natalie Gladde				8/29/2022 4:13:05PM
		CP4					
		E208148-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		105 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		105 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2235059
Diesel Range Organics (C10-C28)	266	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	266	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		102 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	56.1	20.0		1	08/26/22	08/26/22	



## Sample Data

	N N	sample D	ala				
Tap Rock	Project Name						
7 W. Compress Road	Project Num		46-0001				Reported:
Artesia NM, 88210	Project Mana	ager: Nata	ilie Gladde	n			8/29/2022 4:13:05PM
		CP5					
		E208148-05					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		100 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		100 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2235059
Diesel Range Organics (C10-C28)	153	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	175	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235069
Chloride	ND	20.0		1	08/26/22	08/26/22	



# Sample Data

	D	ample D	ala				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 8/29/2022 4:13:05PM
		CP6					
		E208148-06					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
o-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		103 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		103 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2235059
Diesel Range Organics (C10-C28)	790	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	731	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235069
Chloride	23.2	20.0		1	08/26/22	08/26/22	



# Sample Data

	St	imple D	ara				
Tap Rock	Project Name:	Bett	is 5				
7 W. Compress Road	Project Numbe		46-0001				Reported:
Artesia NM, 88210	Project Manag	er: Nata	lie Gladd		8/29/2022 4:13:05PM		
		CP7					
	-	E208148-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	904	25.0		1	08/25/22	08/26/22	
Oil Range Organics (C28-C36)	1110	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		103 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	40.2	20.0		1	08/26/22	08/26/22	



# Sample Data

	b	ample D	ala				
Tap Rock	Project Name						_
7 W. Compress Road	Project Number: 20046-0001						Reported:
Artesia NM, 88210	Project Mana	iger: Nata	ilie Gladde	en			8/29/2022 4:13:05PM
		CP8					
		E208148-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		104 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		104 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	Л		Batch: 2235059
Diesel Range Organics (C10-C28)	108	25.0		1	08/25/22	08/29/22	
Oil Range Organics (C28-C36)	71.3	50.0		1	08/25/22	08/29/22	
Surrogate: n-Nonane		76.3 %	50-200		08/25/22	08/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	ND	20.0		1	08/26/22	08/26/22	



# Sample Data

	5	ample D	ata				
Tap Rock	Project Name	: Bett	is 5				
7 W. Compress Road	Project Numb		20046-0001				Reported:
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladd		8/29/2022 4:13:05PM		
		CP10					
		E208148-09					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		105 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		105 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	298	25.0		1	08/25/22	08/26/22	
Oil Range Organics (C28-C36)	287	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		106 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	56.5	20.0		1	08/26/22	08/26/22	



## Sample Data

	D.	ample D	ala				
Tap Rock	Project Name:						
7 W. Compress Road	Project Numb	t Number: 20046-0001					<b>Reported:</b> 8/29/2022 4:13:05PM
Artesia NM, 88210	Project Manager: N		lie Gladd	en			
		CP11					
		E208148-10					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		103 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		103 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	275	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	262	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		107 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2235069
Chloride	582	20.0		1	08/26/22	08/26/22	



	2	ample D	ลเล				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Num Project Mana	ber: 2004	is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 8/29/2022 4:13:05PM
		CP12					
		E208148-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
o-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2235059
Diesel Range Organics (C10-C28)	50.7	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	75.1	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		118 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235069
Chloride	253	20.0		1	08/26/22	08/26/22	



	5	ample D	ลเล				
Tap Rock	Project Name						
7 W. Compress Road	Project Number: 20046-0001 Project Manager: Natalie Gladden						Reported:
Artesia NM, 88210	Project Mana	iger: Nata	llie Gladde	en			8/29/2022 4:13:05PM
		CP14					
		E208148-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
o-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		08/26/22	08/27/22	
urrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	240	25.0		1	08/25/22	08/26/22	
Dil Range Organics (C28-C36)	193	50.0		1	08/25/22	08/26/22	
Surrogate: n-Nonane		110 %	50-200		08/25/22	08/26/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	386	20.0		1	08/26/22	08/26/22	



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Tap Rock	Project Name		is 5				
7 W. Compress Road	Project Numb		20046-0001				Reported:
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladd	8/29/2022 4:13:05PM			
		CP15					
		E208148-13					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2235059
Diesel Range Organics (C10-C28)	303	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	289	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		105 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2235069
Chloride	55.1	20.0		1	08/26/22	08/26/22	



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Tap Rock	Project Name	e: Bett	is 5				
7 W. Compress Road	Project Num		46-0001		Reported:		
Artesia NM, 88210	Project Mana	iger: Nata	ilie Gladd			8/29/2022 4:13:05PM	
		CP16					
		E208148-14					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.7 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	Л		Batch: 2235059
Diesel Range Organics (C10-C28)	50.9	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	59.4	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	337	20.0		1	08/26/22	08/26/22	



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Tap Rock	Project Name:	Bett					
7 W. Compress Road	Project Numbe		20046-0001				Reported:
Artesia NM, 88210	Project Manage	er: Nata	ilie Gladde		8/29/2022 4:13:05PM		
		<b>CP17</b>					
	1	E208148-15					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	Л		Batch: 2235059
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		103 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	129	20.0		1	08/26/22	08/26/22	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 8/29/2022 4:13:05PM
		CP18					
		E208148-16					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: IY			Batch: 2235072	
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2235059
Diesel Range Organics (C10-C28)	58.4	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	54.0	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235069
Chloride	152	20.0		1	08/26/22	08/26/22	



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Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001		Reported:		
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladd	en			8/29/2022 4:13:05PM
		CP19					
		E208148-17					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	ЛL		Batch: 2235059
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		101 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235069
Chloride	61.4	20.0		1	08/26/22	08/26/22	


#### Sample Data

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numl Project Mana	ber: 2004	is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 8/29/2022 4:13:05PM
		CP20					
		E208148-18					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	46.3	25.0		1	08/25/22	08/27/22	
Dil Range Organics (C28-C36)	58.2	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		108 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: KL		Batch: 2235069
Chloride	208	20.0		1	08/26/22	08/27/22	



#### Sample Data

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Tap Rock	Project Name:	Bett	is 5				
7 W. Compress Road	Project Number		46-0001	Reported:			
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladd	en			8/29/2022 4:13:05PM
		CP21					
		E208148-19					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2235059
Diesel Range Organics (C10-C28)	50.9	25.0		1	08/25/22	08/27/22	
Dil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		109 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235069
Chloride	179	20.0		1	08/26/22	08/27/22	



	0	ample D	ala				
Tap Rock	Project Name	: Bett	is 5				
7 W. Compress Road	Project Numb		46-0001	Reported:			
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladde	en			8/29/2022 4:13:05PM
		CP22					
		E208148-20					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2235072
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235072
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235059
Diesel Range Organics (C10-C28)	27.6	25.0		1	08/25/22	08/27/22	
Dil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235069
Chloride	123	20.0		1	08/26/22	08/27/22	



	Ja	imple D	ata				
Tap Rock	Project Name:	Bett	is 5				
7 W. Compress Road	Project Number		46-0001	Reported:			
Artesia NM, 88210	Project Manage	er: Nata	lie Gladde	en			8/29/2022 4:13:05PM
		CP23					
	I	E208148-21					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		108 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		108 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	Л		Batch: 2235060
Diesel Range Organics (C10-C28)	25.1	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		105 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235068
Chloride	90.3	20.0		1	08/26/22	08/26/22	



	25	imple D	ลเล				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag		is 5 46-0001 Ilie Gladde	en			<b>Reported:</b> 8/29/2022 4:13:05PM
		<b>CP24</b>					
	1	E208148-22					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/26/22	08/27/22	
urrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
urrogate: Bromofluorobenzene		101 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Dil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235068
Chloride	58.1	20.0		1	08/26/22	08/26/22	



	5	ample D	ala				
Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001		Reported:		
Artesia NM, 88210	Project Mana	ger: Nata	ilie Gladd	en			8/29/2022 4:13:05PM
		CP25					
		E208148-23					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		97.1 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2235068
Chloride	ND	20.0		1	08/26/22	08/26/22	



	0	ample D	ala				
Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001	Reported:			
Artesia NM, 88210	Project Mana	ger: Nata	Natalie Gladden				8/29/2022 4:13:05PM
		CP26					
		E208148-24					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.9 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		103 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		104 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2235068
Chloride	ND	20.0		1	08/26/22	08/26/22	



	5	ample D	ala				
Tap Rock	Project Name	: Bett	is 5				
7 W. Compress Road	Project Numb	er: 2004	46-0001	Reported:			
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladde	en			8/29/2022 4:13:05PM
		CP27					
		E208148-25					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
o,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Dil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		107 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: KL		Batch: 2235068
Chloride	90.7	20.0		1	08/26/22	08/26/22	



		ample D	aca				
Tap Rock	Project Name:	Bett	is 5				
7 W. Compress Road	Project Numbe		46-0001	Reported:			
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladde	n			8/29/2022 4:13:05PM
		CP28					
		E208148-26					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Fotal Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		109 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235068
Chloride	368	20.0		1	08/26/22	08/27/22	



	5	ample D	ala				
Tap Rock	Project Name		is 5				
7 W. Compress Road	Project Numb		46-0001			Reported:	
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladde	n			8/29/2022 4:13:05PM
		CP9					
		E208148-27					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		104 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		111 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	KL		Batch: 2235068
Chloride	115	20.0		1	08/26/22	08/27/22	



	5	ample D	ala				
Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001		Reported:		
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladd	en			8/29/2022 4:13:05PM
		CP13					
		E208148-28					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2235073
Benzene	ND	0.0250		1	08/26/22	08/27/22	
Ethylbenzene	ND	0.0250		1	08/26/22	08/27/22	
Toluene	ND	0.0250		1	08/26/22	08/27/22	
p-Xylene	ND	0.0250		1	08/26/22	08/27/22	
p,m-Xylene	ND	0.0500		1	08/26/22	08/27/22	
Total Xylenes	ND	0.0250		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2235073
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/26/22	08/27/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		08/26/22	08/27/22	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		08/26/22	08/27/22	
Surrogate: Toluene-d8		102 %	70-130		08/26/22	08/27/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2235060
Diesel Range Organics (C10-C28)	ND	25.0		1	08/25/22	08/27/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/25/22	08/27/22	
Surrogate: n-Nonane		105 %	50-200		08/25/22	08/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	KL		Batch: 2235068
Chloride	39.9	20.0		1	08/26/22	08/27/22	



# QC Summary Data

Tan Daal			р.	ttis 5					
Tap Rock		Project Name:							Reported:
7 W. Compress Road		Project Number:		046-0001					0.400.400.000
Artesia NM, 88210		Project Manager:	Na	talie Gladder	1				8/29/2022 4:13:05PM
		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 (2235072-BLK1)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
LCS (2235072-BS1)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Benzene	2.37	0.0250	2.50		94.8	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.6	70-130			
Foluene	2.28	0.0250	2.50		91.3	70-130			
o-Xylene	2.21	0.0250	2.50		88.4	70-130			
o,m-Xylene	4.39	0.0500	5.00		87.8	70-130			
Total Xylenes	6.60	0.0250	7.50		88.0	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
LCS Dup (2235072-BSD1)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Benzene	2.33	0.0250	2.50		93.4	70-130	1.55	23	
Ethylbenzene	2.35	0.0250	2.50		93.9	70-130	0.828	27	
Toluene	2.23	0.0250	2.50		89.1	70-130	2.48	24	
o-Xylene	2.18	0.0250	2.50		87.1	70-130	1.53	27	
p,m-Xylene	4.34	0.0500	5.00		86.7	70-130	1.28	27	
Total Xylenes	6.51	0.0250	7.50		86.8	70-130	1.36	27	
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



# QC Summary Data

T Dl-		D : ())	D	4:- 5					
Tap Rock		Project Name: Project Number:		ttis 5					Reported:
7 W. Compress Road			046-0001						
Artesia NM, 88210		Project Manager:	Na	talie Gladden	1			8	/29/2022 4:13:05PM
	V	olatile Organi	c Compou	ınds by EF	PA 8260I	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 (2235073-BLK1)						]	Prepared: 0	8/26/22 An	alyzed: 08/27/22
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	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			
LCS (2235073-BS1)						]	Prepared: 0	8/26/22 An	alyzed: 08/27/22
Benzene	2.39	0.0250	2.50		95.8	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.5	70-130			
Foluene	2.24	0.0250	2.50		89.4	70-130			
o-Xylene	2.14	0.0250	2.50		85.6	70-130			
o,m-Xylene	4.32	0.0500	5.00		86.4	70-130			
Total Xylenes	6.46	0.0250	7.50		86.2	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
LCS Dup (2235073-BSD1)						]	Prepared: 0	8/26/22 An	alyzed: 08/27/22
Benzene	2.22	0.0250	2.50		88.9	70-130	7.38	23	
Ethylbenzene	2.16	0.0250	2.50		86.4	70-130	7.92	27	
Toluene	2.07	0.0250	2.50		82.7	70-130	7.86	24	
o-Xylene	2.05	0.0250	2.50		81.8	70-130	4.47	27	
p,m-Xylene	4.04	0.0500	5.00		80.8	70-130	6.72	27	
Total Xylenes	6.09	0.0250	7.50		81.2	70-130	5.97	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



# **QC Summary Data**

		QC D	umm	ary Date	L				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 8/29/2022 4:13:05PM
110501100,00210	No	nhalogenated C			5D - G	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
	шеке	Шу́ку	ing/kg	Шуку	70	70	70	70	Notes
Blank (2235072-BLK1)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			
LCS (2235072-BS2)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Gasoline Range Organics (C6-C10)	55.8	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
LCS Dup (2235072-BSD2)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130	2.14	20	
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



# **QC Summary Data**

		QC D	umm	ary Date	u				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	Bettis 5 20046-0001 Natalie Gladder	1				<b>Reported:</b> 8/29/2022 4:13:05PM
	Noi	nhalogenated (	Organics	s by EPA 80	15D - G	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
Blank (2235073-BLK1)							Prepared: 0	8/26/22 A	nalyzed: 08/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			
LCS (2235073-BS2)							Prepared: 0	8/26/22 A	nalyzed: 08/27/22
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
LCS Dup (2235073-BSD2)							Prepared: 0	8/26/22 A	nalyzed: 08/27/22
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130	1.26	20	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		<i>93.7</i>	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			



# **QC Summary Data**

		QU DI	u 1 1 1 1 1 1	ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 8/29/2022 4:13:05PM
	Nonh	alogenated Org	anics by	y 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 (2235059-BLK1)							Prepared: 0	8/25/22 A	analyzed: 08/26/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	50.3		50.0		101	50-200			
LCS (2235059-BS1)							Prepared: 0	8/25/22 A	analyzed: 08/26/22
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	38-132			
Surrogate: n-Nonane	45.8		50.0		91.7	50-200			
Matrix Spike (2235059-MS1)				Source: I	E <b>208148-</b>	12	Prepared: 0	8/25/22 A	analyzed: 08/26/22
Diesel Range Organics (C10-C28)	468	25.0	250	240	90.9	38-132			
Surrogate: n-Nonane	98.1		50.0		196	50-200			
Matrix Spike Dup (2235059-MSD1)				Source: I	E <b>208148</b> -	12	Prepared: 0	8/25/22 A	analyzed: 08/26/22
Diesel Range Organics (C10-C28)	464	25.0	250	240	89.5	38-132	0.765	20	
Surrogate: n-Nonane	49.5		50.0		99.1	50-200			



# **QC Summary Data**

		QU D	u 111111	ary Data	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 8/29/2022 4:13:05PM
	Nonh	alogenated Org	anics by	y 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 (2235060-BLK1)							Prepared: 0	8/25/22 A	Analyzed: 08/27/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			
LCS (2235060-BS1)							Prepared: 0	8/25/22 A	Analyzed: 08/27/22
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	52.5		50.0		105	50-200			
Matrix Spike (2235060-MS1)				Source: I	E208148-	25	Prepared: 0	8/25/22 A	Analyzed: 08/27/22
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	54.8		50.0		110	50-200			
Matrix Spike Dup (2235060-MSD1)				Source: I	208148-	25	Prepared: 0	8/25/22 A	Analyzed: 08/27/22
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	0.843	20	
Surrogate: n-Nonane	56.5		50.0		113	50-200			



# **QC Summary Data**

	5		20046-0001						
	Anions	by EPA	300.0/9056A					Analyst: K	ïL
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD			
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	No	tes
						Prepared: 08	8/26/22	Analyzed: 08/	26/22
ND	20.0								
						Prepared: 08	8/26/22	Analyzed: 08/	26/22
238	20.0	250		95.2	90-110				
			Source: 1	E <b>208143-</b> (	)1	Prepared: 08	8/26/22	Analyzed: 08/	26/22
1420	20.0	250	1160	105	80-120				
			Source: 1	E208143-(	1	Prepared: 08	8/26/22	Analyzed: 08/	26/22
1430	20.0	250	1160	108	80-120	0.477	20		
-	mg/kg ND 238 1420	Project Number: Project Manager:   Anions   Result mg/kg Reporting Limit mg/kg   ND 20.0   238 20.0   1420 20.0	Project Number: Project Number:   Project Manager: Project Manager:   Anions by EPA   Result Reporting Limit Spike Level mg/kg   ND 20.0   238 20.0 250   1420 20.0 250	Project Number:   20046-0001     Project Manager:   Natalie Gladden     Anions by EPA 300.0/9056A     Result   Spike   Source     Result   Limit   Level   Result     mg/kg   mg/kg   mg/kg   mg/kg     ND   20.0   250   Source:     1420   20.0   250   Ilf0	Project Number:   20046-0001     Project Number:   20046-0001     Project Manager:   Natalie Gladden     Anions by EPA 300.0/9056A     Result   Reporting   Spike   Source     Result   Limit   Level   Result   Rec     mg/kg   mg/kg   mg/kg   %   MD     238   20.0   250   95.2     238   20.0   250   1160   105     1420   20.0   250   1160   105	Project Number:   20046-0001     Project Number:   20046-0001     Project Manager:   Natalie Gladden     Anions by EPA 300.0/9056A     Result   Reporting   Spike   Source   Rec   Limits     mg/kg   mg/kg   mg/kg   mg/kg   %   %     ND   20.0   250   95.2   90-110     238   20.0   250   95.2   90-110     1420   20.0   250   1160   105   80-120	Project Number:20046-0001Project Number:20046-0001Project Manager:Natalie GladdenAnions by EPA 300.0/9056AResultReportingSpikeSourceRecLimitsRPDMg/kgmg/kgmg/kgmg/kg%%%MD20.0Prepared: 00ND20.0Source: E208143-01Prepared: 00142020.0250116010580-120Source: E208143-01Prepared: 00MD20.0250116010580-120Source: E208143-01Prepared: 00142020.0250116010580-120	Project Number:   20046-0001     Project Manager:   Natalie Gladden     Anions by EPA 300.0/9056A   Rec   Rec   Rep     Result   Reporting   Spike   Source   Rec   Limits   RPD   Limit     mg/kg   mg/kg   mg/kg   mg/kg   %   %   %   %     ND   20.0   250   95.2   90-110   Prepared: 08/26/22   1420   20.0   250   1160   105   80-120	Project Number:   20046-0001   8/29/2022   4:     Project Manager:   Natalie Gladden   8/29/2022   4:     Anions by EPA 300.0/9056A   Analyst: K     Result   Reporting   Spike   Source   Rec   Limits   RPD   Limit     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   %   %   %   No     ND   20.0   250   95.2   90-110   Prepared:   08/26/22   Analyzed:   08/2     1420   20.0   250   1160   105   80-120   Prepared:   08/26/22   Analyzed:   08/2     1420   20.0   250   1160   105   80-120   Prepared:   08/26/22   Analyzed:   08/2     1420   20.0   250   1160   105   80-120   Prepared:   08/26/22   Analyzed:   08/2     1420   20.0   250   1160   105   80-120   Prepared:   08/26/22   Analyzed:   08/2



## **QC Summary Data**

		$\mathbf{v} \in \mathcal{V}$	<b>u</b> 111111	ary Date	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden	L				<b>Reported:</b> 8/29/2022 4:13:05PM
		Anions	by EPA	300.0/9056A	1				Analyst: KL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2235069-BLK1)							Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Chloride LCS (2235069-BS1)	ND	20.0					Prepared: 0	8/26/22 A	nalyzed: 08/26/22
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2235069-MS1)				Source:	E208148-	01	Prepared: 0	8/26/22 A	analyzed: 08/26/22
Chloride	270	20.0	250	ND	108	80-120			
Matrix Spike Dup (2235069-MSD1)				Source:	E208148-0	01	Prepared: 0	8/26/22 A	analyzed: 08/26/22
Chloride	271	20.0	250	ND	108	80-120	0.113	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:	Bettis 5	
	7 W. Compress Road	Project Number:	20046-0001	Reported:
	Artesia NM, 88210	Project Manager:	Natalie Gladden	08/29/22 16:13

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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Time D	Date mpled	Matrix	No. of Containers	Sample ID	[*	-		Lab Number	DRO/OR	GRO/DR	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			Remark	; ;
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Sample Mat	rix: 5 - Soil, S ples are dis	a - Solid, Sg carded 30 (	- Sludge, A davs after	- Aqueous, results are	e reported	unless oth	er arra	angeme	ents are	made.	Hazardou	s samples wi													rt for the	analy	sis of the	above	Q
												ry is limited																	
											Pag	e 44 of 46	;				E	3	e		n	V	'İ	r	0	t	e	C	h

oject Information	Chain of Cust.										Page (	of_ 33
ent: TGPROCIC Bett'S S oject: Bett'S 5 oject Manager: Idress:	Bill To Attention: ESS Address: 27.24 Nw CR City. State. Zip hobbs, Nm 88240	Lab WC EQO	یا 18 148	ab Us	Job	Number 940-000 I vsis and Metho		2D X	TA 3D		EPA P CWA	rogram SDWA
ty, State, Zip none: nail: eport due by:	City, State, Zip hobos, Nm, 88240 Phone: 575-390-6397 Email: Novacic Gladden	DRO/ORO by 8015 GRO/DRO hv 8015	8021				WN	¥			State UT AZ	
Time Date Matrix No. of Containers Sample ID	Lab Number	DRO/OR	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC			Remarks	
S 1 CP23							X					
CP24	22						(					
CP 25	<b>a</b> 3											
CR 24	24						17					
$(P)^{-1}$	25						1	1				
CP 28	âQ											
	27						╢					
-			_	-	-		╢	+				
CP 13	<u>ଟ</u> ି ଅନ୍ତି			-			μ_	-				
				<b> </b>				<u> </u>				
dditional Instructions:												
field sampler), attest to the validity and authenticity of this sample. I te or time of collection is considered fraud and may be grounds for le	am aware that tampering with or intentionally mislabelling the sample al action. <u>Sampled by</u>	location,				es requiring thermal d in ice at an avg tem						led or receive
linguished by: (Signature)	Received by: (Signature)			1	Rec	eived on ice:	Ċ	ab U	lse On N	lly		
Singustned by: trienature)	5 auth late 8/200	22		32	<u>T1</u>		<u>T2</u>			<u>T3</u>		
elinquished by: (Signature) Date Time	Received by: (Signature)	Tir	me		AVO	G Temp °C	Ч					
mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				, <b>p</b> - p	oly/p	lastic, <b>ag</b> - amb	er gla			roport for the an	alveis of the	above
ote: Samples are discarded 30 days after results are reported i imples is applicable only to those samples received by the labo	Inless other arrangements are made. Hazardous samples will ratory with this COC. The liability of the laboratory is limited to	of the amo	ount pai	d for o	n uispo In the					roi		

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock I	Date Received:	08/26/22	10:32	Work Order ID: E208148
Phone:	(575) 390-6397	Date Logged In:	08/25/22	17:23	Logged In By: Alexa Michaels
Email:		Due Date:	08/29/22	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	h the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: U	JPS
4. Was th	he COC complete, i.e., signatures, dates/times, requeste	ed analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project manager, Time and date sampled
Sample	Cooler				not provided on COC.
	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	the sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling	<i>*</i>	Yes		
13. If no	visible ice, record the temperature. Actual sample to	emperature: 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 containe	rs collected?	Yes		
Field La	abel				
20. Were	e field sample labels filled out with the minimum inform	mation:			
	Sample ID?		Yes		
	Date/Time Collected?		No	I I	
	Collectors name?		No		
	<u>Preservation</u> s the COC or field labels indicate the samples were pre-	served?	No		
	sample(s) correctly preserved?	501 YUU:	NA		
	b filteration required and/or requested for dissolved me	tals?	No		
	nase Sample Matrix		110		
	s the sample have more than one phase, i.e., multiphase	.9	N		
	es, does the COC specify which phase(s) is to be analyz		No NA		
	tract Laboratory		INA		
-	samples required to get sent to a subcontract laboratory	79	No		
28 Are.			110		
	a subcontract laboratory specified by the client and if s		NA	Subcontract Lab	n' 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:

Bettis 20 State Com 5H

Work Order: E209066

Job Number: 20046-0001

Received: 9/15/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/16/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 9/16/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 20 State Com 5H Workorder: E209066 Date Received: 9/15/2022 10:40:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/15/2022 10:40:00AM, under the Project Name: Bettis 20 State Com 5H.

The analytical test results summarized in this report with the Project Name: Bettis 20 State Com 5H 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.

**Raina Schwanz** 

Laboratory Administrator

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 Summarv

		Sample Sum	mary		
Tap Rock		Project Name:	Bettis 20 State Con	n 5H	Reported:
7 W. Compress Road		Project Number:	20046-0001		-
Artesia NM, 88210		Project Manager:	Natalie Gladden		09/16/22 17:35
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 1 - 3'	E209066-01A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 2 - 4'	E209066-02A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 3 -3'	E209066-03A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 4 - 3'	E209066-04A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 5 - 3'	E209066-05A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
comp 6 - 3'	E209066-06A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 7 -3'	E209066-07A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 8 - 3'	E209066-08A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 9 -3'	E209066-09A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 10 - 3'	E209066-10A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 11 - 3'	E209066-11A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
'omp 12 - 3'	E209066-12A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
omp 13 - 3'	E209066-13A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
'omp 14 - 3'	E209066-14A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 15 - 3'	E209066-15A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 16 - 3'	E209066-16A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 17 - 3'	E209066-17A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
'omp 18 - 3'	E209066-18A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 19 - 3'	E209066-19A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 20 - 3'	E209066-20A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 21 - 3'	E209066-21A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 22 - 3'	E209066-22A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
'omp 23 - 3'	E209066-23A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
omp 24 - 3'	E209066-24A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
omp 25 - 3'	E209066-25A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
omp 26 - 3'	E209066-26A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
omp 27- 3'	E209066-27A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.
Comp 28 - 3'	E209066-28A	Solid	09/13/22	09/15/22	Glass Jar, 4 oz.



	~	ampic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 20 State C 46-0001 alie Gladden				<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 1 - 3'					
		E209066-01					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2238054
Benzene	ND	0.0250	1	09	/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09	/15/22	09/15/22	
Toluene	ND	0.0250	1	09	/15/22	09/15/22	
p-Xylene	ND	0.0250	1	09	/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09	/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09	/15/22	09/15/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	09	/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	09	/15/22	09/15/22	
Surrogate: Toluene-d8		95.0 %	70-130	09	/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	/kg Analyst: RKS			Batch: 2238054	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	/15/22	09/15/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	09	/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	09	/15/22	09/15/22	
Surrogate: Toluene-d8		95.0 %	70-130	09	/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	09	/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09	/15/22	09/15/22	
Surrogate: n-Nonane		81.6 %	50-200	09	)/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2238063
Chloride	ND	100	5	09	/15/22	09/16/22	

# Sample Data



	~	ampic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	Bettis 20 State Com 5H 20046-0001 Natalie Gladden				<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 2 - 4'					
		E209066-02					
Analyte	Result	Reporting Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2238054
Benzene	ND	0.0250	1	l	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	l	09/15/22	09/15/22	
Toluene	ND	0.0250	1	l	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	l	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	l	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1		09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.8 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: RKS		Batch: 2238054	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.3 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.8 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/15/22	09/15/22	
Surrogate: n-Nonane		84.7 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2238063
Chloride	ND	100	5	5	09/15/22	09/16/22	



## Sample Data

		impic D					
Tap Rock 7 W. Compress Road	Project Name:Bettis 20 State Com 5HProject Number:20046-0001			[		Reported:	
Artesia NM, 88210	Project Manag	er: Nata	lie Gladde	n			9/16/2022 5:35:31PM
		Comp 3 -3'					
		E209066-03					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
Toluene	ND	0.0250		1	09/15/22	09/15/22	
p-Xylene	ND	0.0250		1	09/15/22	09/15/22	
o,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		93.7 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		85.8 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238063
Chloride	ND	100	:	5	09/15/22	09/16/22	



	~	ampic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State 46-0001 Ilie Gladde		ſ		<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 4 - 3'					
		E209066-04					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
Toluene	ND	0.0250		1	09/15/22	09/15/22	
o-Xylene	ND	0.0250		1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.3 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.3 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		85.6 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238063
Chloride	ND	100		5	09/15/22	09/16/22	



	~•	impic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State ( 46-0001 Ilie Gladder				<b>Reported:</b> 9/16/2022 5:35:31PM
	(	Comp 5 - 3'					
		E209066-05					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	-	Analyst: H	RKS		Batch: 2238054
Benzene	ND	0.0250	1	l	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	l	09/15/22	09/15/22	
Toluene	ND	0.0250	1	l	09/15/22	09/15/22	
p-Xylene	ND	0.0250	1	l	09/15/22	09/15/22	
o,m-Xylene	ND	0.0500	1	l	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	l	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		95.3 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2238054	
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		95.3 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: J	L		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1		09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/15/22	09/15/22	
Surrogate: n-Nonane		87.0 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: H	RAS		Batch: 2238063
Chloride	ND	100	5	5	09/15/22	09/16/22	



		ampic D					
Tap Rock	Project Name						
7 W. Compress Road	Project Numb		46-0001				Reported:
Artesia NM, 88210	Project Mana	ger: Nata	lie Gladder	1			9/16/2022 5:35:31PM
		Comp 6 - 3'					
		E209066-06					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2238054
Benzene	ND	0.0250	1	l	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	l	09/15/22	09/15/22	
Toluene	ND	0.0250	1	l	09/15/22	09/15/22	
p-Xylene	ND	0.0250	1	l	09/15/22	09/15/22	
o,m-Xylene	ND	0.0500	1	l	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	l	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		95.0 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RI	KS		Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.5 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		95.0 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	l	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	09/15/22	09/15/22	
Surrogate: n-Nonane		87.2 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RA	AS		Batch: 2238063
Chloride	ND	100	5	5	09/15/22	09/16/22	



## Sample Data

		ampic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State 46-0001 Ilie Gladde		I		<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 7 -3'					
		E209066-07					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
Toluene	ND	0.0250		1	09/15/22	09/15/22	
p-Xylene	ND	0.0250		1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.0 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.0 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		87.3 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238063
Chloride	ND	100		5	09/15/22	09/16/22	


	~	ampic D				
Tap Rock 7 W. Compress Road	Project Name Project Numb		is 20 State C 46-0001	com 5H		Reported:
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladden			9/16/2022 5:35:31PM
		Comp 8 - 3'				
		E209066-08				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2238054
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	09/15/22	09/15/22	
Surrogate: Toluene-d8		95.1 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130	09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	09/15/22	09/15/22	
Surrogate: Toluene-d8		95.1 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		86.3 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2238063
Chloride	222	100	5	09/15/22	09/16/22	



	~	ampic D					
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		is 20 State 0 46-0001	Com 5H			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden	l			9/16/2022 5:35:31PM
		Comp 9 -3'					
		E209066-09					
		Reporting					
Analyte	Result	Limit	Dilu	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2238054
Benzene	ND	0.0250	1	09	9/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09	9/15/22	09/15/22	
Toluene	ND	0.0250	1	09	9/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09	9/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09	9/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09	9/15/22	09/15/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	0	0/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	0	0/15/22	09/15/22	
Surrogate: Toluene-d8		94.3 %	70-130	0	0/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09	9/15/22	09/15/22	
Surrogate: Bromofluorobenzene		96.0 %	70-130	0	0/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	0	0/15/22	09/15/22	
Surrogate: Toluene-d8		94.3 %	70-130	0	0/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	09	9/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09	9/15/22	09/15/22	
Surrogate: n-Nonane		88.0 %	50-200	09	0/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2238063
Chloride	169	100	5	09	9/15/22	09/16/22	



	~	ampic D				
Tap Rock 7 W. Compress Road	Project Name: Project Number		is 20 State C 46-0001	om 5H		Reported:
Artesia NM, 88210	Project Manag		lie Gladden			9/16/2022 5:35:31PM
	(	Comp 10 - 3'				
		E209066-10				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2238054
Benzene	ND	0.0250	1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22	
Toluene	ND	0.0250	1	09/15/22	09/15/22	
o-Xylene	ND	0.0250	1	09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	09/15/22	09/15/22	
Surrogate: Toluene-d8		95.0 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	analyst: RKS		Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130	09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	09/15/22	09/15/22	
Surrogate: Toluene-d8		95.0 %	70-130	09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/15/22	
Surrogate: n-Nonane		87.5 %	50-200	09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	nalyst: RAS		Batch: 2238063
Chloride	177	100	5	09/15/22	09/16/22	



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Tap Rock 7 W. Compress Road	Project Name: Project Numbe		is 20 State C 46-0001	om 5H		Reported:		
Artesia NM, 88210	Project Manag	ger: Nata	lie Gladden			9/16/2022 5:35:31PM		
	(	Comp 11 - 3'						
		E209066-11						
		Reporting						
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2238054		
Benzene	ND	0.0250	1	09/15/22	09/15/22			
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22			
Toluene	ND	0.0250	1	09/15/22	09/15/22			
p-Xylene	ND	0.0250	1	09/15/22	09/15/22			
o,m-Xylene	ND	0.0500	1	09/15/22	09/15/22			
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22			
Surrogate: Bromofluorobenzene		98.9 %	70-130	09/15/22	09/15/22			
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	09/15/22	09/15/22			
Surrogate: Toluene-d8		95.4 %	70-130	09/15/22	09/15/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	nalyst: RKS		Batch: 2238054		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22			
Surrogate: Bromofluorobenzene		98.9 %	70-130	09/15/22	09/15/22			
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	09/15/22	09/15/22			
Surrogate: Toluene-d8		95.4 %	70-130	09/15/22	09/15/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2238058		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/15/22			
Dil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/15/22			
Surrogate: n-Nonane		88.7 %	50-200	09/15/22	09/15/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: RAS		Batch: 2238063		
Chloride	170	100	5	09/15/22	09/16/22			



	D	ample D	ata				
Tap Rock 7 W. Compress Road	Project Name Project Num		is 20 State 46-0001	Com 5H	ł		Reported:
Artesia NM, 88210	Project Mana	iger: Nata	lie Gladde	n			9/16/2022 5:35:31PM
		Comp 12 - 3'					
		E209066-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
Toluene	ND	0.0250		1	09/15/22	09/15/22	
-Xylene	ND	0.0250		1	09/15/22	09/15/22	
,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		95.6 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130		09/15/22	09/15/22	
urrogate: Toluene-d8		95.6 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/16/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/16/22	
Surrogate: n-Nonane		88.6 %	50-200		09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238063
Chloride	175	100		5	09/15/22	09/16/22	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	W. Compress Road Project Number: 20046-0001						
		Comp 13 - 3'					
		E209066-13					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
Toluene	ND	0.0250		1	09/15/22	09/15/22	
o-Xylene	ND	0.0250		1	09/15/22	09/15/22	
o,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Fotal Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		94.2 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		95.1 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		94.2 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/16/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/16/22	
Surrogate: n-Nonane		90.5 %	50-200		09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238063
Chloride	ND	20.0		1	09/15/22	09/16/22	



	5	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 20 State 46-0001 Ilie Gladde		ł		<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 14 - 3'					
		E209066-14					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
oluene	ND	0.0250		1	09/15/22	09/15/22	
-Xylene	ND	0.0250		1	09/15/22	09/15/22	
,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/15/22	09/15/22	
urrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/15/22	09/15/22	
urrogate: Toluene-d8		94.9 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/16/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/16/22	
Surrogate: n-Nonane		88.8 %	50-200		09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238063
Chloride	144	100		5	09/15/22	09/16/22	



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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 20 State ( 16-0001 Ilie Gladder				<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 15 - 3'					
		E209066-15					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
•						Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l			Batch: 2238054
Benzene	ND	0.0250	1		09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1		09/15/22	09/15/22	
Toluene	ND	0.0250	1		09/15/22	09/15/22	
p-Xylene	ND	0.0250	1		09/15/22	09/15/22	
p,m-Xylene	ND	0.0500	1		09/15/22 09/15/22	09/15/22 09/15/22	
Total Xylenes	ND	0.0250	1		09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.0 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst: l	RKS		Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		96.0 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	l	09/15/22	09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/15/22	09/16/22	
Surrogate: n-Nonane		88.3 %	50-200		09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	RAS		Batch: 2238063
Chloride	109	100	5	5	09/15/22	09/16/22	



		ampic D				
Tap Rock 7 W. Compress Road	Project Name: Project Number		is 20 State C 46-0001	Com 5H		Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ılie Gladden			9/16/2022 5:35:31PM
	(	Comp 16 - 3'				
		E209066-16				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2238054
Benzene	ND	0.0250	1	09/15/2	22 09/15/22	
Ethylbenzene	ND	0.0250	1	09/15/2	22 09/15/22	
Toluene	ND	0.0250	1	09/15/2	22 09/15/22	
o-Xylene	ND	0.0250	1	09/15/2	22 09/15/22	
p,m-Xylene	ND	0.0500	1	09/15/2	22 09/15/22	
Total Xylenes	ND	0.0250	1	09/15/2	09/15/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130	09/15/2	.2 09/15/22	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	09/15/2	22 09/15/22	
Surrogate: Toluene-d8		95.9 %	70-130	09/15/2	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS	Batch: 2238054	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/2	09/15/22	
Surrogate: Bromofluorobenzene		96.7 %	70-130	09/15/2		
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	09/15/2	.2 09/15/22	
Surrogate: Toluene-d8		95.9 %	70-130	09/15/2	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/2	22 09/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/2	22 09/16/22	
Surrogate: n-Nonane		88.1 %	50-200	09/15/2	22 09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2238063
Chloride	ND	100	5	09/15/2	22 09/16/22	



## Sample Data

		sample D	ata					
Tap Rock 7 W. Compress Road Artesia NM, 88210							<b>Reported:</b> 9/16/2022 5:35:31PM	
		Comp 17 - 3'						
		E209066-17						
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2238054	
Benzene	ND	0.0250		1	09/15/22	09/15/22		
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22		
Foluene	ND	0.0250		1	09/15/22	09/15/22		
o-Xylene	ND	0.0250		1	09/15/22	09/15/22		
o,m-Xylene	ND	0.0500		1	09/15/22	09/15/22		
Fotal Xylenes	ND	0.0250		1	09/15/22	09/15/22		
Surrogate: Bromofluorobenzene		95.9 %	70-130		09/15/22	09/15/22		
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		09/15/22	09/15/22		
Surrogate: Toluene-d8		94.8 %	70-130		09/15/22	09/15/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2238054	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22		
Surrogate: Bromofluorobenzene		95.9 %	70-130		09/15/22	09/15/22		
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		09/15/22	09/15/22		
Surrogate: Toluene-d8		94.8 %	70-130		09/15/22	09/15/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238058	
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/16/22		
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/16/22		
Surrogate: n-Nonane		90.8 %	50-200		09/15/22	09/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238063	
Chloride	ND	100		5	09/15/22	09/16/22		



	~	ampic D						
Tap Rock 7 W. Compress Road	Project Name: Project Numbe		is 20 State C 46-0001	Com 5H		Reported:		
Artesia NM, 88210	Project Manag		ilie Gladden			9/16/2022 5:35:31PM		
	(	Comp 18 - 3'						
		E209066-18						
		Reporting						
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	ŀ	Analyst: RKS		Batch: 2238054		
Benzene	ND	0.0250	1	09/15/22	09/15/22			
Ethylbenzene	ND	0.0250	1	09/15/22	09/15/22			
Toluene	ND	0.0250	1	09/15/22	09/15/22			
p-Xylene	ND	0.0250	1	09/15/22	09/15/22			
o,m-Xylene	ND	0.0500	1	09/15/22	09/15/22			
Total Xylenes	ND	0.0250	1	09/15/22	09/15/22			
Surrogate: Bromofluorobenzene		97.9 %	70-130	09/15/22	09/15/22			
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/15/22	09/15/22			
Surrogate: Toluene-d8		94.9 %	70-130	09/15/22	09/15/22			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2238054		
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/22	09/15/22			
Surrogate: Bromofluorobenzene		97.9 %	70-130	09/15/22	09/15/22			
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/15/22	09/15/22			
Surrogate: Toluene-d8		94.9 %	70-130	09/15/22	09/15/22			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2238058		
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/22	09/16/22			
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/22	09/16/22			
Surrogate: n-Nonane		98.7 %	50-200	09/15/22	09/16/22			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: RAS		Batch: 2238063		
Chloride	133	100	5	09/15/22	09/16/22			



## Sample Data

	5	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	ect Number: 20046-0001					<b>Reported:</b> 9/16/2022 5:35:31PM
	(	Comp 19 - 3'					
		E209066-19					
Angles	Dlt	Reporting Limit	D	1	Dermand	A u alterna d	Nister
Analyte	Result	Limit	DI	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2238054
Benzene	ND	0.0250		1	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/15/22	
Toluene	ND	0.0250		1	09/15/22	09/15/22	
-Xylene	ND	0.0250		1	09/15/22	09/15/22	
,m-Xylene	ND	0.0500		1	09/15/22	09/15/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		09/15/22	09/15/22	
urrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/15/22	09/15/22	
urrogate: Toluene-d8		94.8 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS	Batch: 2238054	
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		98.1 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/15/22	09/15/22	
urrogate: Toluene-d8		94.8 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/16/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/16/22	
Surrogate: n-Nonane		91.4 %	50-200		09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238063
Chloride	ND	100		5	09/15/22	09/16/22	



		ample D	uu				
Tap Rock	Project Name		is 20 State	Com 5H			D ( 1
7 W. Compress Road Artesia NM, 88210	Project Numb Project Manag		46-0001 Ilie Gladder		<b>Reported:</b> 9/16/2022 5:35:31PM		
Artesia NM, 88210	Project Manag	ger: Nata	lile Gladder	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	(	Comp 20 - 3'					
		E209066-20					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238054
Benzene	ND	0.0250	1	l	09/15/22	09/15/22	
Ethylbenzene	ND	0.0250	1	l	09/15/22	09/15/22	
Toluene	ND	0.0250	1	l	09/15/22	09/15/22	
p-Xylene	ND	0.0250	1	l	09/15/22	09/15/22	
o,m-Xylene	ND	0.0500	1	l	09/15/22	09/15/22	
Total Xylenes	ND	0.0250	1	l	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		94.7 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238054
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/15/22	09/15/22	
Surrogate: Bromofluorobenzene		96.6 %	70-130		09/15/22	09/15/22	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130		09/15/22	09/15/22	
Surrogate: Toluene-d8		94.7 %	70-130		09/15/22	09/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238058
Diesel Range Organics (C10-C28)	ND	25.0	1	l	09/15/22	09/16/22	
Dil Range Organics (C28-C36)	ND	50.0	1	l	09/15/22	09/16/22	
Surrogate: n-Nonane		88.5 %	50-200		09/15/22	09/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238063
Chloride	3240	400	2	0	09/15/22	09/16/22	



## Sample Data

	56	imple D	uu				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	r: 2004	is 20 State 46-0001 Ilie Gladde		ł		<b>Reported:</b> 9/16/2022 5:35:31PM
1 Hobbit 1 Hill, 002 10			ine Gludde				
		comp 21 - 3'					
	]	E209066-21					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2238056
Benzene	ND	0.0250		1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/16/22	
Toluene	ND	0.0250		1	09/15/22	09/16/22	
p-Xylene	ND	0.0250		1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500		1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.3 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.3 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		101 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238064
Chloride	ND	100		5	09/15/22	09/16/22	



## Sample Data

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Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State 46-0001 Ilie Gladd		ł		<b>Reported:</b> 9/16/2022 5:35:31PM
	(	Comp 22 - 3'					
		E209066-22					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2238056
Benzene	ND	0.0250		1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/16/22	
Toluene	ND	0.0250		1	09/15/22	09/16/22	
p-Xylene	ND	0.0250		1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500		1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		99.0 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.9 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		100 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238064
Chloride	ND	100		5	09/15/22	09/16/22	



## Sample Data

	5	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State 46-0001 alie Gladd		H		<b>Reported:</b> 9/16/2022 5:35:31PM
	(	Comp 23 - 3'					
		E209066-23					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2238056
Benzene	ND	0.0250		1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/16/22	
Toluene	ND	0.0250		1	09/15/22	09/16/22	
p-Xylene	ND	0.0250		1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500		1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.7 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.7 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		98.4 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2238064
Chloride	102	100		5	09/15/22	09/16/22	



	5	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 20 State 46-0001 Ilie Gladde		ł		<b>Reported:</b> 9/16/2022 5:35:31PM
		Comp 24 - 3'					
		E209066-24					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Benzene	ND	0.0250		1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/16/22	
Toluene	ND	0.0250		1	09/15/22	09/16/22	
o-Xylene	ND	0.0250		1	09/15/22	09/16/22	
p,m-Xylene	ND	0.0500		1	09/15/22	09/16/22	
Fotal Xylenes	ND	0.0250		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		93.3 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		93.3 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		99.7 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238064
Chloride	118	100		5	09/15/22	09/16/22	



## Sample Data

	D	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State 46-0001 Ilie Gladd		ł		<b>Reported:</b> 9/16/2022 5:35:31PM
	(	Comp 25 - 3'					
		E209066-25					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Benzene	ND	0.0250		1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/16/22	
oluene	ND	0.0250		1	09/15/22	09/16/22	
-Xylene	ND	0.0250		1	09/15/22	09/16/22	
,m-Xylene	ND	0.0500		1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		98.0 %	70-130		09/15/22	09/16/22	
urrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/15/22	09/16/22	
urrogate: Toluene-d8		95.0 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/16/22	
'urrogate: Bromofluorobenzene		98.0 %	70-130		09/15/22	09/16/22	
'urrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		09/15/22	09/16/22	
urrogate: Toluene-d8		95.0 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
urrogate: n-Nonane		91.8 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2238064
Chloride	ND	100		5	09/15/22	09/16/22	



## Sample Data

	56	ample D	ata				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numbe Project Manag	er: 2004	is 20 State 46-0001 Ilie Gladde		I		<b>Reported:</b> 9/16/2022 5:35:31PM
	C	Comp 26 - 3'					
		E209066-26					
	D L	Reporting	5.1		D 1		
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Benzene	ND	0.0250		1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250		1	09/15/22	09/16/22	
Toluene	ND	0.0250		1	09/15/22	09/16/22	
o-Xylene	ND	0.0250		1	09/15/22	09/16/22	
o,m-Xylene	ND	0.0500		1	09/15/22	09/16/22	
Fotal Xylenes	ND	0.0250		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.1 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		100 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130		09/15/22	09/16/22	
Surrogate: Toluene-d8		94.1 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0		1	09/15/22	09/15/22	
Surrogate: n-Nonane		84.6 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238064
Chloride	168	100		5	09/15/22	09/16/22	



## Sample Data

		ampic D					
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 State 46-0001 Ilie Gladder				<b>Reported:</b> 9/16/2022 5:35:31PM
Anesia NM, 88210	Project Manag	ger: Inata	lile Gladdel	1			9/10/2022 5.55.51FW
		Comp 27- 3'					
		E209066-27					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Benzene	ND	0.0250	1	1	09/15/22	09/16/22	
Ethylbenzene	ND	0.0250	1	1	09/15/22	09/16/22	
Toluene	ND	0.0250	1	1	09/15/22	09/16/22	
o-Xylene	ND	0.0250	1	1	09/15/22	09/16/22	
,m-Xylene	ND	0.0500	1	1	09/15/22	09/16/22	
Total Xylenes	ND	0.0250	1	1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/15/22	09/16/22	
urrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/15/22	09/16/22	
urrogate: Toluene-d8		95.6 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/15/22	09/16/22	
Surrogate: Bromofluorobenzene		99.4 %	70-130		09/15/22	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/15/22	09/16/22	
urrogate: Toluene-d8		95.6 %	70-130		09/15/22	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/15/22	09/15/22	
Dil Range Organics (C28-C36)	ND	50.0	1	1	09/15/22	09/15/22	
urrogate: n-Nonane		85.3 %	50-200		09/15/22	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2238064
Chloride	ND	100	4	5	09/15/22	09/16/22	



	~	ampic D				
Tap Rock 7 W. Compress Road	Project Name Project Numb		is 20 State C 46-0001	Com 5H		Reported:
Artesia NM, 88210	Project Mana		lie Gladden			9/16/2022 5:35:31PM
		Comp 28 - 3'				
		E209066-28				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2238056
Benzene	ND	0.0250	1	09/15/2	2 09/16/22	
Ethylbenzene	ND	0.0250	1	09/15/2	.2 09/16/22	
Toluene	ND	0.0250	1	09/15/2	2 09/16/22	
p-Xylene	ND	0.0250	1	09/15/2	2 09/16/22	
p,m-Xylene	ND	0.0500	1	09/15/2	2 09/16/22	
Total Xylenes	ND	0.0250	1	09/15/2	.2 09/16/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	09/15/2	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	09/15/2	2 09/16/22	
Surrogate: Toluene-d8		95.0 %	70-130	09/15/2	09/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2238056
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/15/2	2 09/16/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	09/15/2	09/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	09/15/2	09/16/22	
Surrogate: Toluene-d8		95.0 %	70-130	09/15/2	09/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2238059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/15/2	.2 09/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/15/2	2 09/15/22	
Surrogate: n-Nonane		87.0 %	50-200	09/15/2	09/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: RAS		Batch: 2238064
Chloride	187	100	5	09/15/2	.2 09/16/22	



## **QC Summary Data**

		QC SI	1111111	ary Data	a				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ettis 20 State ( 0046-0001 atalie Gladder				9/1	<b>Reported:</b> 16/2022 5:35:31PM
		Volatile Organic	Compo	unds by EI	PA 8260E	;			Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result mg/kg	Limit mg/kg	Level mg/kg	Result mg/kg	Rec %	Limits %	RPD %	Limit %	Notes
Diamle (2022005 4 DI 1/1)							Dramanadi ()	0/15/22 Ama	yzed: 09/15/22
Blank (2238054-BLK1)	ND	0.0250					Prepared: 0	9/1 <i>3/22</i> Anal	lyzed: 09/15/22
Benzene	ND	0.0250							
Ethylbenzene	ND ND	0.0250							
Toluene	ND	0.0250 0.0250							
p,m-Xylene	ND	0.0250							
p,m-Aylene Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.484	0.0200	0.500		96.8	70-130			
			0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459								
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			
LCS (2238054-BS1)							Prepared: 09	9/15/22 Anal	yzed: 09/16/22
Benzene	2.17	0.0250	2.50		86.7	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.5	70-130			
Toluene	2.10	0.0250	2.50		83.9	70-130			
p-Xylene	2.30	0.0250	2.50		91.9	70-130			
p,m-Xylene	4.48	0.0500	5.00		89.6	70-130			
Total Xylenes	6.78	0.0250	7.50		90.4	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.7	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			
Matrix Spike (2238054-MS1)				Source:	E209066-0	)4	Prepared: 09	9/15/22 Anal	yzed: 09/16/22
Benzene	2.14	0.0250	2.50	ND	85.5	48-131			
Ethylbenzene	2.18	0.0250	2.50	ND	87.3	45-135			
Toluene	2.03	0.0250	2.50	ND	81.0	48-130			
p-Xylene	2.24	0.0250	2.50	ND	89.7	43-135			
p,m-Xylene	4.38	0.0500	5.00	ND	87.6	43-135			
Total Xylenes	6.62	0.0250	7.50	ND	88.3	43-135			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.448		0.500		89.5	70-130			
Surrogate: Toluene-d8	0.475		0.500		95.0	70-130			
Matrix Spike Dup (2238054-MSD1)				Source:	E209066-0	4	Prepared: 09	9/15/22 Anal	yzed: 09/16/22
Benzene	2.06	0.0250	2.50	ND	82.6	48-131	3.47	23	
Ethylbenzene	2.17	0.0250	2.50	ND	86.8	45-135	0.574	27	
Toluene	2.01	0.0250	2.50	ND	80.3	48-130	0.967	24	
p-Xylene	2.24	0.0250	2.50	ND	89.4	43-135	0.313	27	
p,m-Xylene	4.34	0.0500	5.00	ND	86.8	43-135	0.964	27	
	6.57	0.0250	7.50	ND	87.6	43-135	0.743	27	
Total Xylenes									
	0.522		0.500		104	70-130			
Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4			0.500 0.500		104 86.3	70-130 70-130			



## **QC Summary Data**

		QC SI		v					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ettis 20 State C 046-0001 ntalie Gladden				9/	<b>Reported:</b> 16/2022 5:35:31PM
	,	Volatile Organic	Compo	unds by EF	PA 8260B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
	Result mg/kg	Limit mg/kg	Level mg/kg	Result mg/kg	Rec %	Limits %	RPD %	Limit %	Notes
							<b>D</b> 1.00	0/15/00	1 1 00/16/22
Blank (2238056-BLK1)							Prepared: 09	9/15/22 Ana	lyzed: 09/16/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND ND	0.0250							
p,m-Xylene Total Xylenes	ND ND	0.0500 0.0250							
Total Xylenes		0.0250	0.500		00.4	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4 05.2				
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			
LCS (2238056-BS1)							Prepared: 09	9/15/22 Ana	lyzed: 09/16/22
Benzene	2.18	0.0250	2.50		87.2	70-130			
Ethylbenzene	2.16	0.0250	2.50		86.3	70-130			
Toluene	2.03	0.0250	2.50		81.1	70-130			
p-Xylene	2.22	0.0250	2.50		88.8	70-130			
p,m-Xylene	4.32	0.0500	5.00		86.3	70-130			
Total Xylenes	6.54	0.0250	7.50		87.2	70-130			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			
Matrix Spike (2238056-MS1)				Source:	E209068-0	4	Prepared: 09	9/15/22 Ana	lyzed: 09/16/22
Benzene	2.21	0.0250	2.50	ND	88.2	48-131			
Ethylbenzene	2.21	0.0250	2.50	ND	88.5	45-135			
Toluene	2.08	0.0250	2.50	ND	83.0	48-130			
p-Xylene	2.29	0.0250	2.50	ND	91.5	43-135			
p,m-Xylene	4.42	0.0500	5.00	ND	88.3	43-135			
	6.70	0.0250	7.50	ND	89.4	43-135			
Total Xylenes									
•	0.531		0.500		106	70-130			
Total Xylenes Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4			0.500 0.500		106 91.7	70-130 70-130			
Surrogate: Bromofluorobenzene	0.531								
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.531 0.459		0.500	Source:	91.7	70-130 70-130	Prepared: 09	9/15/22 Ana	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1)	0.531 0.459	0.0250	0.500 0.500		91.7 96.1	70-130 70-130 <b>4</b>	-	9/15/22 Ana 23	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1) Benzene	0.531 0.459 0.481	0.0250 0.0250	0.500	Source: ND ND	91.7 96.1 <b>E209068-0</b>	70-130 70-130	Prepared: 09 1.15 1.12		lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1) Benzene Ethylbenzene	0.531 0.459 0.481 2.23	0.0250 0.0250 0.0250	0.500 0.500 2.50	ND	91.7 96.1 <b>E209068-0</b> 89.3	70-130 70-130 <b>4</b> 48-131	1.15	23	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1) Benzene Ethylbenzene Toluene	0.531 0.459 0.481 2.23 2.24	0.0250	0.500 0.500 2.50 2.50	ND ND	91.7 96.1 <b>E209068-0</b> 89.3 89.5	70-130 70-130 <b>4</b> 48-131 45-135	1.15 1.12	23 27	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1) Benzene Ethylbenzene Toluene o-Xylene	0.531 0.459 0.481 2.23 2.24 2.10	0.0250 0.0250	0.500 0.500 2.50 2.50 2.50	ND ND ND	91.7 96.1 <b>E209068-0</b> 89.3 89.5 83.9	70-130 70-130 <b>4</b> 48-131 45-135 48-130	1.15 1.12 1.10	23 27 24	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1) Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene	0.531 0.459 0.481 2.23 2.24 2.10 2.31	0.0250 0.0250 0.0250	0.500 0.500 2.50 2.50 2.50 2.50 2.50	ND ND ND ND	91.7 96.1 <b>E209068-0</b> 89.3 89.5 83.9 92.5	70-130 70-130 <b>4</b> 48-131 45-135 48-130 43-135	1.15 1.12 1.10 1.07	23 27 24 27	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2238056-MSD1) Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes	0.531 0.459 0.481 2.23 2.24 2.10 2.31 4.45	0.0250 0.0250 0.0250 0.0500	0.500 0.500 2.50 2.50 2.50 2.50 2.50 5.00	ND ND ND ND	91.7 96.1 E209068-0 89.3 89.5 83.9 92.5 89.1	70-130 70-130 <b>4</b> 48-131 45-135 48-130 43-135 43-135	1.15 1.12 1.10 1.07 0.857	23 27 24 27 27	lyzed: 09/16/22
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.531 0.459 0.481 2.23 2.24 2.10 2.31 4.45 6.77	0.0250 0.0250 0.0250 0.0500	0.500 0.500 2.50 2.50 2.50 2.50 5.00 7.50	ND ND ND ND	91.7 96.1 E209068-0 89.3 89.5 83.9 92.5 89.1 90.2	70-130 70-130 <b>4</b> 48-131 45-135 48-130 43-135 43-135 43-135	1.15 1.12 1.10 1.07 0.857	23 27 24 27 27	lyzed: 09/16/22



## **QC Summary Data**

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Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 20 State C 20046-0001 Natalie Gladden					<b>Reported:</b> 9/16/2022 5:35:31PM
	Nonhalogenated Organics by EPA 8015D - GRO								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 (2238054-BLK1)							Prepared: 0	9/15/22	Analyzed: 09/15/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.484		0.500		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.7	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			
LCS (2238054-BS2)							Prepared: 0	9/15/22	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.4	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.7	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			
Matrix Spike (2238054-MS2)				Source:	E209066-	04	Prepared: 0	9/15/22	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	37.3	20.0	50.0	ND	74.5	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
Matrix Spike Dup (2238054-MSD2)				Source:	E209066-	04	Prepared: 0	9/15/22	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	38.5	20.0	50.0	ND	77.0	70-130	3.25	20	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			



## **QC Summary Data**

			-	ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	:	Bettis 20 State C 20046-0001 Natalie Gladden	om 5H				<b>Reported:</b> 9/16/2022 5:35:31PM
	No	onhalogenated O	rganic	s 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 (2238056-BLK1)							Prepared: 0	9/15/22 <i>I</i>	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			
LCS (2238056-BS2)							Prepared: 0	9/15/22 A	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	39.7	20.0	50.0		79.4	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.1	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			
Matrix Spike (2238056-MS2)				Source: <b>H</b>	209068-0	)4	Prepared: 0	9/15/22 A	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	40.2	20.0	50.0	ND	80.4	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			
Matrix Spike Dup (2238056-MSD2)				Source: H	209068-0	)4	Prepared: 0	9/15/22 A	Analyzed: 09/16/22
Gasoline Range Organics (C6-C10)	39.5	20.0	50.0	ND	78.9	70-130	1.82	20	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			



## **QC Summary Data**

		QC D	umm	ary Date	A.				
Tap Rock 7 W. Compress Road		Project Name: Project Number:		Bettis 20 State C 20046-0001	Com 5H				Reported:
Artesia NM, 88210		Project Manager:	: 1	Natalie Gladden					9/16/2022 5:35:31PM
	Nonha	logenated Org	anics by	y EPA 8015E	) - 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 (2238058-BLK1)							Prepared: 0	9/15/22 A	nalyzed: 09/15/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			
LCS (2238058-BS1)							Prepared: 0	9/15/22 A	nalyzed: 09/15/22
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	42.7		50.0		85.3	50-200			
Matrix Spike (2238058-MS1)				Source:	E209066-	15	Prepared: 0	9/15/22 A	nalyzed: 09/15/22
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	43.3		50.0		86.7	50-200			
Matrix Spike Dup (2238058-MSD1)				Source:	E209066-	15	Prepared: 0	9/15/22 A	nalyzed: 09/15/22
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	38-132	0.439	20	
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			



## **QC Summary Data**

		$\mathbf{v} \mathbf{v} \mathbf{v}$	u	ary Data	4				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 20 State C 20046-0001 Natalie Gladden					<b>Reported:</b> 9/16/2022 5:35:31PM
	Nonha	logenated Org		v EPA 8015E	) - 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 (2238059-BLK1)							Prepared: 0	9/15/22 A	analyzed: 09/15/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	53.5	50.0	50.0		107	50-200			
LCS (2238059-BS1)							Prepared: 0	9/15/22 A	analyzed: 09/15/22
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			-
Surrogate: n-Nonane	43.1		50.0		86.2	50-200			
Matrix Spike (2238059-MS1)				Source:	E209066-	25	Prepared: 0	9/15/22 A	analyzed: 09/15/22
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	38-132			
Surrogate: n-Nonane	43.2		50.0		86.5	50-200			
Matrix Spike Dup (2238059-MSD1)				Source:	E209066-	25	Prepared: 0	9/15/22 A	analyzed: 09/15/22
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	38-132	3.63	20	
Surrogate: n-Nonane	42.8		50.0		85.6	50-200			



## **QC Summary Data**

			•						
Tap Rock		Project Name:		Bettis 20 State	Com 5H				Reported:
7 W. Compress Road		Project Number:		0046-0001					
Artesia NM, 88210		Project Manager	: N	Vatalie Gladder	n				9/16/2022 5:35:31PM
		Anions	by EPA	300.0/90564	4				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 (2238063-BLK1)							Prepared: 0	9/15/22	Analyzed: 09/15/22
Chloride	ND	20.0							
LCS (2238063-BS1)							Prepared: 0	9/15/22	Analyzed: 09/15/22
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2238063-MS1)				Source:	E209066-0	)1	Prepared: 0	9/15/22	Analyzed: 09/16/22
Chloride	375	100	250	ND	150	80-120			M6
Matrix Spike Dup (2238063-MSD1)				Source:	E209066-0	)1	Prepared: 0	9/15/22	Analyzed: 09/16/22
Chloride	347	100	250	ND	139	80-120	7.90	20	M6



## **QC Summary Data**

			•						
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager	2	Bettis 20 State 20046-0001 Natalie Gladder					<b>Reported:</b> 9/16/2022 5:35:31PM
7 Heshi 111, 0210		, ,		<b>300.0/9056</b>					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 (2238064-BLK1)							Prepared: 0	9/15/22 A	nalyzed: 09/15/22
Chloride	ND	20.0							
LCS (2238064-BS1)							Prepared: 0	9/15/22 A	nalyzed: 09/15/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2238064-MS1)				Source:	E209066-	21	Prepared: 0	9/15/22 A	nalyzed: 09/16/22
Chloride	345	100	250	ND	138	80-120			M6
Matrix Spike Dup (2238064-MSD1)				Source:	E209066-	21	Prepared: 0	9/15/22 A	nalyzed: 09/16/22
Chloride	364	100	250	ND	145	80-120	5.28	20	M6

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:	Bettis 20 State Com 5H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/16/22 17:35

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
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.





ient:	TAPR								Bill To						b Use						TA	AT .		EPA	Prog	ram
	BETTIS 2.	e STAT	E COM	5H	.		ition:	<u>ES</u>	S			Lab	WO#		J	lob N	lumbe	5001	1D	2D	3D	Sta	andard	CWA	ι s	DW/
dress:	lanager:					Addr	ess: <b>2.7</b> 2	74 4	1. 600	INTY R	2	Ea	269	06	6	20	YU		<u> </u>	X						
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nples is a	applicable o	nly to those	e samples i	eceived h	eponed ur a the labor	ness otrie	this COC	The lish	e made. I ility of the	hazardous si	imples Will is limited to	ve ret o the o	urned	t paid	ent or	aispo	sea of a	t the clie	nt exp	oense.	The r	report	for the ar	nalysis of t	ne abo	ove

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npled	Sampled	Matrix	No. of Container	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				Rem	arks	
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ld samp or time	oler), attest to of collection	the validity is considered	and authe	enticity of this sa d may be ground	mple. I am awa	re that tar	npering wit	h or intentiona	ally mislabellin	ng the some	le locati	ion,										n ice the day ubsequent da		sampled	l or rece
nquish	e by: (Signa	ture)	L Da	9/13/22	Time	Red	HW	in the second		Date ///-	$\overline{\mathcal{Y}}$	TOP:	40	2	Rece	eived	on ice:	_	ab U	se On I	ly				
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le Mat	rix: S - Soil, Sd	- Solid, Sg -	Sludge, A	- Aqueous, O - C	)ther	L -				Contain	er Typ	e:g-	glass,						iss, v	- VOA					
: Sam	oles are disc	arded 30 d	ays after	results are rep s received by t	orted unless	other arra	ingements	s are made.	Hazardous s	amples wi	ll be re	turned	l to cli	ient or	dispo	sed of					report f	or the an	alysis c	f the a	bove

lient:	TAP	Rock	-			Bill To		1		Lak	o Use	e On	lv	T		TAT	Г	<u> </u>	EPA P	rogram
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	ed by: (Sign:	the second s	Date			eived by: (Signature)	Date 4	Y	Sime.	h	2	60	eived on ice:		Lab U	Jse Onl	ly		1	
linquishe	rd Dy (Signa	ature)	Date	-12 D Time	FILRE	eved by: Kinhature	= 9/15	122	Time	2:4		T1	eiveu on ice.	С Т2	1	IN.	Т3			X
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							21		1			AVG	G Temp °C	1						1

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Tap Rock Da	te Received:	09/15/22	10:40	Work Order ID: E209	066
Phone:	(575) 390-6397 Da	te Logged In:	09/14/22	16:45	Logged In By: Caitl	in Christian
Email:	natalie@energystaffingllc.com Du	ie Date:	09/16/22	17:00 (1 day TAT)		
Chain of	f Custody (COC)					
	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: <u>U</u>	JPS_	
4. Was th	ne 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		<u>Comments/Reso</u>	<u>olution</u>
Sample '	<u> Turn Around Time (TAT)</u>				<b>.</b>	
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Project managar and time sa	mpled not
Sample	<u>Cooler</u>				provided on COC.	
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	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 rec minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample ten	nperature: 4°	С			
	<u>Container</u>	I				
	aqueous 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			
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum information	ation:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
			No			
	Preservation	rved?	No			
	sample(s) correctly preserved?		NA			
	o filteration required and/or requested for dissolved meta	ls?	No			
	ase Sample Matrix		1.0			
-	the sample have more than one phase, i.e., multiphase?		No			
	s, does the COC specify which phase(s) is to be analyzed		NO			
			11/1			
	ract Laboratory_ samples required to get sent to a subcontract laboratory?		No			
	amples required to get sent to a subcontract laboratory? a subcontract laboratory specified by the client and if so		NO NA	Subcontract Lab		
	a subcontract laboratory specified by the chefit and II so	wii0:	INA	Supconfract Lab	5. 11 <b>2</b>	

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: Bettis 5

Work Order: E209156

Job Number: 20046-0001

Received: 9/28/2022

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/29/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 9/29/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 5 Workorder: E209156 Date Received: 9/28/2022 10:00:00AM

Natalie Gladden,



Page 288 of 359

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/28/2022 10:00:00AM, under the Project Name: Bettis 5.

The analytical test results summarized in this report with the Project Name: Bettis 5 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 Sum	mary		
Tap Rock		Project Name:	Bettis 5		Reported:
7 W. Compress Road		Project Number:	20046-0001		Reporteu:
Artesia NM, 88210		Project Manager:	Natalie Gladden		09/29/22 18:11
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CP20-5'	E209156-01A	Soil	09/26/22	09/28/22	Glass Jar, 2 oz.

C



	~					
Tap Rock	Project Name					
7 W. Compress Road	Project Numl		46-0001		<b>Reported:</b> 9/29/2022 6:11:49PM	
Artesia NM, 88210	Project Mana	iger: Nata	lie Gladden			9/29/2022 6:11:49PM
		CP20-5'				
		E209156-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2240036
Benzene	ND	0.0250	1	09/28/22	09/29/22	
Ethylbenzene	ND	0.0250	1	09/28/22	09/29/22	
Toluene	ND	0.0250	1	09/28/22	09/29/22	
p-Xylene	ND	0.0250	1	09/28/22	09/29/22	
o,m-Xylene	ND	0.0500	1	09/28/22	09/29/22	
Fotal Xylenes	ND	0.0250	1	09/28/22	09/29/22	
Surrogate: Bromofluorobenzene		103 %	70-130	09/28/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	09/28/22	09/29/22	
Surrogate: Toluene-d8		98.3 %	70-130	09/28/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2240036
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/28/22	09/29/22	
Surrogate: Bromofluorobenzene		103 %	70-130	09/28/22	09/29/22	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	09/28/22	09/29/22	
Surrogate: Toluene-d8		98.3 %	70-130	09/28/22	09/29/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2240039
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/29/22	
Dil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/29/22	
Surrogate: n-Nonane		106 %	50-200	09/28/22	09/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2240066
Chloride	854	400	20	09/28/22	09/28/22	

## Sample Data



## QC Summary Data

		QC Si	u111111a	iry Data					
Tap Rock		Project Name:	Ве	ettis 5					Reported:
7 W. Compress Road		Project Number:	20	046-0001					
Artesia NM, 88210		Project Manager:	Na	atalie Gladden				9/2	9/2022 6:11:49PM
	ľ	Volatile Organic	Compo	unds by EPA	A 82601	3			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 (2240036-BLK1)							Prepared: 09	9/27/22 Anal	yzed: 09/28/22
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: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			
LCS (2240036-BS1)							Prepared: 09	9/27/22 Anal	yzed: 09/28/22
Benzene	2.26	0.0250	2.50		90.5	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.8	70-130			
Toluene	2.22	0.0250	2.50		88.9	70-130			
o-Xylene	2.41	0.0250	2.50		96.5	70-130			
o,m-Xylene	4.68	0.0500	5.00		93.5	70-130			
Total Xylenes	7.09	0.0250	7.50		94.5	70-130			
Surrogate: Bromofluorobenzene	0.532		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.451		0.500		90.2	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			
Matrix Spike (2240036-MS1)				Source: E	209152-2	22	Prepared: 09	9/27/22 Anal	yzed: 09/28/22
Benzene	2.23	0.0250	2.50	ND	89.2	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.1	45-135			
Toluene	2.18	0.0250	2.50	ND	87.2	48-130			
p-Xylene	2.39	0.0250	2.50	ND	95.6	43-135			
o,m-Xylene	4.60	0.0500	5.00	ND	92.0	43-135			
Total Xylenes	6.99	0.0250	7.50	ND	93.2	43-135			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.453		0.500		90.6	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			
Matrix Spike Dup (2240036-MSD1)				Source: E	209152-	22	Prepared: 09	9/27/22 Anal	yzed: 09/28/22
Benzene	2.24	0.0250	2.50	ND	89.5	48-131	0.336	23	
Ethylbenzene	2.41	0.0250	2.50	ND	96.3	45-135	3.34	27	
Toluene	2.26	0.0250	2.50	ND	90.4	48-130	3.56	24	
p-Xylene	2.46	0.0250	2.50	ND	98.3	43-135	2.81	27	
o,m-Xylene	4.73	0.0500	5.00	ND	94.6	43-135	2.85	27	
Total Xylenes	7.19	0.0250	7.50	ND	95.9	43-135	2.84	27	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.526 0.452		0.500 0.500		105 90.3	70-130 70-130			



## **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	Bettis 5 0046-0001 Vatalie Gladden					<b>Reported:</b> 9/29/2022 6:11:49PM	
	No	onhalogenated O	rganics	by EPA 801	5D - GR	0			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
mk (2240036-BLK1) Prepared: 09/27/22 Analyz						Analyzed: 09/28/22			
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			
LCS (2240036-BS2)							Prepared: 0	9/27/22 A	Analyzed: 09/28/22
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.7	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.433		0.500		86.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike (2240036-MS2)				Source: H	209152-22	2	Prepared: 0	9/27/22 A	Analyzed: 09/28/22
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.1	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.3	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			
Matrix Spike Dup (2240036-MSD2)	209152-22	2	Prepared: 0	9/27/22 Analyzed: 09/28/22					
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.1	70-130	1.06	20	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.441		0.500		88.2	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

## **QC Summary Data**

		QC D		ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	:	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 9/29/2022 6:11:49PM
	Nonh	alogenated Org	anics by	y 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 (2240039-BLK1)							Prepared: 0	9/28/22 <i>F</i>	Analyzed: 09/29/22
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0							
Surrogate: n-Nonane	50.2		50.0		100	50-200			
LCS (2240039-BS1)							Prepared: 0	9/28/22 A	Analyzed: 09/29/22
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	52.9		50.0		106	50-200			
Matrix Spike (2240039-MS1)				Source: <b>F</b>	209156-	01	Prepared: 0	9/28/22 A	Analyzed: 09/29/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			
Matrix Spike Dup (2240039-MSD1)				Source: F	209156-	01	Prepared: 0	9/28/22 A	Analyzed: 09/29/22
Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	38-132	14.0	20	
Surrogate: n-Nonane	58.5		50.0		117	50-200			



### **QC Summary Data**

		•		v					
Tap Rock 7 W. Compress Road	Project Name: Project Number		Bettis 5 20046-0001					Reported:	
Artesia NM, 88210		Project Manager							9/29/2022 6:11:49PM
		Anions	by EPA	300.0/9056A	۱.				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 (2240066-BLK1)							Prepared: 0	9/28/22 A	analyzed: 09/28/22
Chloride	ND	20.0							
LCS (2240066-BS1)							Prepared: 0	9/28/22 A	analyzed: 09/28/22
Chloride	259	20.0	250		104	90-110			
LCS Dup (2240066-BSD1)							Prepared: 0	9/28/22 A	analyzed: 09/28/22
Chloride	259	20.0	250		104	90-110	0.140	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:	Bettis 5	
	7 W. Compress Road	Project Number:	20046-0001	Reported:
	Artesia NM, 88210	Project Manager:	Natalie Gladden	09/29/22 18:11

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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P	roject Information
a	· - <b>)</b>
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Project Ir	formatior	ı	Chain of C					stody								Page 🔟	of <u>r</u>	
<u>Client:</u> Proiect:	Japro Bettio	ck 5			Bill To Attention: ESS		Lab	WO#		ab Us			1 1D	TAT 1D 2D 3D Standard			EPA P	ogram
Project N	lanager:				Address: 2724 NW CO	UNTY ROAD	E	WO#	15	0	21	Number		V	2-	otantaara		55 111
Address:						NM 88240			Analysis and Metho							RCRA		
City, Stat	e, Zip		24		Phone: 575-393-9048											and the second	Chata	
P <u>hone:</u> Email:					EMAIL TO: Natalie@energy Dakoatah@energystaffingl		8015	8015				0				NM CO	State UT AZ	TX
Report d	ue by:				Dakoatan@energystannigi	nc.com	0 by	0 by	8021	3260	010	300.0	MN	Ϋ́		V	UT AL	
Time	Date	Matrix	No. of	Sample ID		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride	BGDOC	ы			Dementio	
Sampled	Sampled	wiatrix	Containers	Sample ID		Number	DRC	GRC	BTE	NOV	Met	Chic	BGC	BGDOC			Remarks	
4	9/26	2	1	CPZO.	- 5'								~					
													-					
									1				+					
		<u> </u>											+					! ;
	_																	
													_					
Addition	al Instruct	tions:																
I, (field samp date or time	oler), attest to of collection i	the validity is considere	and authenti d fraud and n	icity of this sample. nay be grounds for le	I am aware that tampering with or intention: egal action. Sampled by: Ju y Received by: (Signature)	ally mislabelling the sample	e locati	ion,	de	r						eived on ice the day t °C on subsequent day		ed or received
W UA	ed by: (Signa M Bur of by: (Signa	and i	Date			Date Date	12	Time Time	5-0	De	Rece	eived on ice:	Ċ	ab Us	e On	lý		
PI	ed by: (Signa	D.	7 Date	Time	Received by: (Signature)	Date Date	U	Time	<u>)()(</u>		T1	Tama °C	4			<u> </u>		
Sample Mat	rix: S - Soil Sd	- Solid Se -	Sludge A - A	queous, <b>O</b> - Other		Containe	r Type	- g - g	ass			Temp ^o C astic, ag - aml	ner gla	SS. V -	VOA			
					unless other arrangements are made.											eport for the ana	ysis of the a	above
					oratory with this COC. The liability of th					for on	thor	onort						
										(	2	e	n	V		rot	e	ch

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

lient:	Tap Rock	Date Received:	09/28/22	10:00	Work Order ID: E209156
Phone:	(575) 390-6397	Date Logged In:	09/27/22	15:59	Logged In By: Alexa Michaels
Email:		Due Date:	09/29/22	17:00 (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 match	h the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: U	JPS
4. Was th	he COC complete, i.e., signatures, dates/times, requeste	ed analyses?	No	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		Comments/Resolution
Sample	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Project Manager and Time Sampled were
Sample	Cooler				not provided on the COC by client.
	sample cooler received?		Yes		
8. If yes	, was cooler received in good condition?		Yes		
9. Was ti	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. Note: Thermal preservation is not required, if samples are n minutes of sampling	<i>*</i>	Yes		
13. If no	visible ice, record the temperature. Actual sample to	emperature: <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		
17. Was	a trip blank (TB) included for VOC analyses?		NA		
	non-VOC samples collected in the correct containers?		Yes		
19. Is the	e appropriate volume/weight or number of sample containe	rs collected?	Yes		
Field La	abel				
20. Were	e field sample labels filled out with the minimum inform	mation:			
	Sample ID?		Yes		
	Date/Time Collected?		Yes	· · ·	
	Collectors name?		No		
	<u>Preservation</u> s the COC or field labels indicate the samples were pre-	served?	No		
	sample(s) correctly preserved?	501 YUU:	NA		
	b filteration required and/or requested for dissolved me	tals?	No		
	ase Sample Matrix		110		
-	s the sample have more than one phase, i.e., multiphase	.9	No		
	es, does the COC specify which phase(s) is to be analyz		No NA		
	tract Laboratory		INA		
JUDCOIL	samples required to get sent to a subcontract laboratory	₁ 9	No		
28 400			INU		
	a subcontract laboratory specified by the client and if s		NA	Subcontract Lab	n 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: Bettis 2

Bettis 20 Fed 5

Work Order: E210050

Job Number: 20046-0001

Received: 10/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/13/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/13/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 20 Fed 5 Workorder: E210050 Date Received: 10/13/2022 10:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2022 10:30:00AM, under the Project Name: Bettis 20 Fed 5.

The analytical test results summarized in this report with the Project Name: Bettis 20 Fed 5 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.

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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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QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

v		Sample Sum	mary		0
Tap Rock		Project Name:	Bettis 20 Fed 5		Reported:
7 W. Compress Road Artesia NM, 88210		Project Number: Project Manager:	20046-0001 Natalie Gladden		10/13/22 16:10
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 20	E210050-01A	Soil	10/05/22	10/13/22	Glass Jar, 4 oz.



	D.	ampic D	ala			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Project Numb Project Manag	er: 2004	is 20 Fed 5 46-0001 1lie Gladden			<b>Reported:</b> 10/13/2022 4:10:36PM
		Comp 20				
		E210050-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2242035
Benzene	ND	0.0250	1	10/11/22	10/13/22	
Ethylbenzene	ND	0.0250	1	10/11/22	10/13/22	
Toluene	ND	0.0250	1	10/11/22	10/13/22	
p-Xylene	ND	0.0250	1	10/11/22	10/13/22	
o,m-Xylene	ND	0.0500	1	10/11/22	10/13/22	
Total Xylenes	ND	0.0250	1	10/11/22	10/13/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/11/22	10/13/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2242035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/11/22	10/13/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	10/11/22	10/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2242040
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/22	10/13/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/22	10/13/22	
Surrogate: n-Nonane		122 %	50-200	10/13/22	10/13/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2242034
Chloride	ND	20.0	1	10/11/22	10/13/22	

## Sample Data



## **QC Summary Data**

		$\mathbf{x} \in \mathcal{Z}$		ing Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	20	ettis 20 Fed 5 0046-0001 atalie Gladden					<b>Reported:</b> 10/13/2022 4:10:36PM
		Volatile O	rganics l	oy EPA 8021	B				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2242035-BLK1)							Duomonodi 1	0/11/22	Analyzed: 10/13/22
· · · · ·						1	riepaieu. I	0/11/22 8	Analyzeu. 10/15/22
Benzene	ND	0.0250							
Ethylbenzene	ND ND	0.0250							
Toluene	ND ND	0.0250							
o-Xylene	ND ND	0.0250 0.0500							
p,m-Xylene Total Xylenes	ND	0.0500							
Surrogate: 4-Bromochlorobenzene-PID	8.35	0.0230	8.00		104	70-130			
LCS (2242035-BS1)						ī	Prenared 1	0/11/22	Analyzed: 10/13/22
· · · ·	5.20		5.00		107		repared. r	0/11/22 /	anaryzed. 10/15/22
Benzene	5.30 4.13	0.0250	5.00 5.00		106 82.5	70-130 70-130			
Ethylbenzene Toluene	4.13	0.0250 0.0250	5.00		82.5 88.9	70-130			
	4.45	0.0250	5.00		88.9 84.9	70-130			
o-Xylene p,m-Xylene	4.25	0.0230	10.0		84.1	70-130			
Total Xylenes	12.7	0.0250	15.0		84.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.38	0.0250	8.00		105	70-130			
LCS Dup (2242035-BSD1)						I	Prepared: 1	0/11/22 A	Analyzed: 10/13/22
Benzene	5.65	0.0250	5.00		113	70-130	6.41	20	
Ethylbenzene	4.44	0.0250	5.00		88.7	70-130	7.19	20	
Toluene	4.76	0.0250	5.00		95.1	70-130	6.72	20	
o-Xylene	4.52	0.0250	5.00		90.4	70-130	6.28	20	
p,m-Xylene	9.01	0.0500	10.0		90.1	70-130	6.97	20	
Total Xylenes	13.5	0.0250	15.0		90.2	70-130	6.74	20	
Surrogate: 4-Bromochlorobenzene-PID	8.37		8.00		105	70-130			



## **QC Summary Data**

					•				
Tap Rock		Project Name:	В	Bettis 20 Fed 5					Reported:
7 W. Compress Road		Project Number	: 2	0046-0001					•
Artesia NM, 88210		Project Manage	r: N	latalie Gladden	l				10/13/2022 4:10:36PM
	No	onhalogenated	Organics	by EPA 801	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 (2242035-BLK1)							Prepared: 1	0/11/22 A	nalyzed: 10/13/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.78		8.00		84.7	70-130			
LCS (2242035-BS2)							Prepared: 1	0/11/22 A	nalyzed: 10/13/22
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.76		8.00		84.5	70-130			
LCS Dup (2242035-BSD2)							Prepared: 1	0/11/22 A	nalyzed: 10/13/22
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0		90.5	70-130	2.77	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00		84.2	70-130			



## **QC Summary Data**

		QU D	u 1111110	i y Data					
Tap Rock 7 W. Compress Road		Project Name: Project Number:		ettis 20 Fed 5 0046-0001					Reported:
Artesia NM, 88210		Project Manager:	N	atalie Gladden					10/13/2022 4:10:36PM
	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 (2242040-BLK1)							Prepared:	10/12/22	Analyzed: 10/12/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			
LCS (2242040-BS1)							Prepared:	10/12/22	Analyzed: 10/12/22
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			
Matrix Spike (2242040-MS1)				Source: I	E210057-	05	Prepared:	10/12/22	Analyzed: 10/12/22
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			
Matrix Spike Dup (2242040-MSD1)				Source: I	E210057-	05	Prepared:	10/12/22	Analyzed: 10/12/22
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132	1.64	20	
Surrogate: n-Nonane	49.5		50.0		99.0	50-200			



### **QC Summary Data**

		$\mathbf{v} \in \mathbf{v}$		ary Dun					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 20 Fed 5 20046-0001 Natalie Gladden	L			]	<b>Reported:</b> 10/13/2022 4:10:36PM
		Anions	by EPA	300.0/9056A	1				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 (2242034-BLK1)							Prepared: 1	10/11/22 Ar	nalyzed: 10/13/22
Chloride	ND	20.0							
LCS (2242034-BS1)							Prepared: 1	10/11/22 Ar	nalyzed: 10/13/22
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2242034-MS1)				Source:	E210048-(	01	Prepared: 1	10/11/22 Ar	nalyzed: 10/13/22
Chloride	14000	1000	250	14400	NR	80-120			M4
Matrix Spike Dup (2242034-MSD1)				Source:	E210048-(	01	Prepared: 1	10/11/22 Ar	nalyzed: 10/13/22
Chloride	19100	1000	250	14400	NR	80-120	30.9	20	M4, R3

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:	Bettis 20 Fed 5	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	10/13/22 16:10

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

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.



Rel Project Information	(
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Project In	formatior	(								Chain d	of Cus	Y													Page		_ of	Vecelven
Client: 7 Project: Project N Address:	ap 100 Betthe lanager: (	K 5 20 Christ	Ved e	õ Ombs		ttentio ddress: ity, Sta	n: <u>)</u> : 71 te, Zip	stal	3111 To 10 (21) NW Co NOS NO 0-1030	ladd sunty M S	10 10 10	Lab E 2	wo# 210	^{يا} 50	Ô		Num	ber <b>g-()</b> nd Me	XXV	1D	2D	T/ 3D		andard	EF CV	VA S	gram SDWA RCRA	
<u>City, Stat</u> Phone: Email: Report du	ie by: E	65			F	mail·					gilc.com tc.com	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			C NM	ž		v		Sta ) UT	PA Prog VA 2 hte AZ 1 harks	X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID							Lab Number	DRO/(	GRO/I	втех I	VOC b	Metal	Chlori			BGDOC	BGDOC			<u> </u>	Rem	arks		10.77
	10/5	5	1	comp	20	)						** ** *								Д								Alm
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1 /1				ticity of this sample			mpering A	; with or i	intentionally	y mislabelli Rwe	ng the samp	e locati	on,				-	-						on ice the day subsequent o		sampled c	or receive	1
	e of collection			may be grounds for $\frac{10}{77}$		-		: Signa			P349-11	2	Time	12	35	1		l on i				se On						
Retipopuish	ed by: (Sign	ature)	- Init			:/Pee	eived by	y: (Signa	ature		IN 12	77	Time	5:3		T1				С т2	/		1	, T3,				
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				Aqueous, O - Other esults are reporte	d unloss	other arr	angeme	onts are	made u	azardous	Containe samples wi					oly/p	lastic	, ag - a	ambe				eport	for the au	nalvsis r	f the ab	ove	-
				received by the la														•										Luge 30
										Page	11 of 12					E	3	e	<b>)                                    </b>	יר	V	Ĭ	r	01	t e	;(		

#### **Envirotech Analytical Laboratory**

#### Sample Receipt Checklist (SRC)

lient:	Tap Rock	Date Received:	10/13/22	10:30	Work Order ID: E210050
Phone:	(575) 390-6397	Date Logged In:	10/11/22	16:30	Logged In By: Caitlin Christian
Email:		Due Date:	10/13/22	17:00 (0 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	h the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: U	IPS
4. Was the	he COC complete, i.e., signatures, dates/times, request	ed 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>				<b>T</b> 11 . 11 . 000
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not provided on COC.
<u>Sample</u>					
	a sample cooler received?		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	es, were custody/security seals intact?		NA		
	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	received w/i 15	Yes		
13. If no	o visible ice, record the temperature. Actual sample	emperature: <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		
18. Are	non-VOC samples collected in the correct containers?	11 . 10	Yes		
10 1 1	e appropriate volume/weight or number of sample contain	ers collected?	Yes		
	1				
Field La		mation			
<u>Field La</u> 20. Were	e field sample labels filled out with the minimum info	mation:	Yes		
Field La 20. Were		mation:	Yes Yes		
Field La 20. Were	e field sample labels filled out with the minimum info Sample ID?	mation:	Yes Yes No		
Field La 20. Were	e field sample labels filled out with the minimum info Sample ID? Date/Time Collected?	mation:	Yes		
Field La 20. Were 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro-		Yes No No		
Field La 20. Were 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro sample(s) correctly preserved?	eserved?	Yes No No NA		
Field La 20. Were 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro-	eserved?	Yes No No		
Field La 20. Were 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro sample(s) correctly preserved? b filteration required and/or requested for dissolved montance for the sample matrix	eserved? etals?	Yes No No NA		
Field La 20. Were Sample 21. Does 22. Are 24. Is lat Multiph 26. Does	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro sample(s) correctly preserved? b filteration required and/or requested for dissolved m <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphas	eserved? etals? e?	Yes No No NA		
Sample   21. Does   22. Are =   24. Is lat   Multiph   26. Does	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro sample(s) correctly preserved? b filteration required and/or requested for dissolved montance for the sample matrix	eserved? etals? e?	Yes No No NA No		
Sample   21. Does   22. Are   24. Is lat   Multiph   26. Does   27. If ye	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pro sample(s) correctly preserved? b filteration required and/or requested for dissolved m <u>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphas	eserved? etals? e?	Yes No NA No No		
Field La 20. Were Sample 21. Does 22. Are 24. Is lat Multiph 26. Does 27. If ye Subcont	e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were pro- sample(s) correctly preserved? b filteration required and/or requested for dissolved me <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphas is, does the COC specify which phase(s) is to be analy	eserved? etals? e? zed?	Yes No NA No No		

_____

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: Bettis 5

Work Order: E210161

Job Number: 20046-0001

Received: 10/24/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/25/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 10/25/22

Natalie Gladden 7 W. Compress Road Artesia, NM 88210

Project Name: Bettis 5 Workorder: E210161 Date Received: 10/24/2022 8:30:00AM

Natalie Gladden,



Page 312 of 359

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2022 8:30:00AM, under the Project Name: Bettis 5.

The analytical test results summarized in this report with the Project Name: Bettis 5 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 Se

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

Released to Imaging: 2/20/2023 10:31:14 AM

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 7 W. Compress Road		Project Name: Project Number:	Bettis 5 20046-0001		Reported:
Artesia NM, 88210		Project Manager:	Natalie Gladden		10/25/22 13:39
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SWC1	E210161-01A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC2	E210161-02A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC3	E210161-03A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC4	E210161-04A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC5	E210161-05A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC6	E210161-06A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC7	E210161-07A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC8	E210161-08A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC9	E210161-09A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC10	E210161-10A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC11	E210161-11A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
SWC12	E210161-12A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.
WC13	E210161-13A	Soil	10/18/22	10/24/22	Glass Jar, 4 oz.



	5	ampic D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Manag	ber: 2004	is 5 46-0001 alie Gladden			<b>Reported:</b> 10/25/2022 1:39:49PM
		SWC1				
		E210161-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Total Xylenes	ND	0.0250	1	10/24/22	10/24/22	
urrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	cg Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		78.2 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	
Chloride	ND	20.0	1	10/24/22	10/24/22	

## Sample Data



	Da	ample D	ata			
Tap Rock	Project Name:					
7 W. Compress Road	Project Number	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			10/25/2022 1:39:49PM
		SWC2				
		E210161-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
p,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Total Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		81.0 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	:: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	D	ample D	ata			
Tap Rock	Project Name:					
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			10/25/2022 1:39:49PM
		SWC3				
		E210161-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Fotal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		83.1 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	3	ample D	ata			
Tap Rock	Project Name					
7 W. Compress Road	Project Numb		46-0001			Reported:
Artesia NM, 88210	Project Mana	ger: Nata	alie Gladden			10/25/2022 1:39:49PM
		SWC4				
		E210161-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Fotal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2244005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		81.3 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	D	ample D	ata			
Tap Rock	Project Name:	: Bett	is 5			
7 W. Compress Road	Project Numb	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			10/25/2022 1:39:49PM
		SWC5				
		E210161-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
p,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Total Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		80.3 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	3	ample D	ลเล			
Tap Rock	Project Name	: Bett	is 5			
7 W. Compress Road	Project Numb	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			10/25/2022 1:39:49PM
		SWC6				
		E210161-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Fotal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		67.3 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	S	ample D	ata			
Tap Rock	Project Name					
7 W. Compress Road	Project Numb	ber: 2004	46-0001			Reported:
Artesia NM, 88210	Project Mana	iger: Nata	ilie Gladden			10/25/2022 1:39:49PM
		SWC7				
		E210161-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Fotal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	ıt: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		73.5 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	23	ample D	ata			
Tap Rock	Project Name:	Bett	is 5			
7 W. Compress Road	Project Numb	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			10/25/2022 1:39:49PM
		SWC8				
		E210161-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
p,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Total Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		72.3 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	Da	ample D	ata			
Tap Rock	Project Name:	Bett	is 5			
7 W. Compress Road	Project Numbe	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	alie Gladden			10/25/2022 1:39:49PM
		SWC9				
		E210161-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Total Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		91.8 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	

	5	ample D	ลเล			
Tap Rock	Project Name:	Bett	is 5			
7 W. Compress Road	Project Number	er: 2004	46-0001			Reported:
Artesia NM, 88210	Project Manag	ger: Nata	ilie Gladden			10/25/2022 1:39:49PM
		SWC10				
		E210161-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2244005
enzene	ND	0.0250	1	10/24/22	10/24/22	
ihylbenzene	ND	0.0250	1	10/24/22	10/24/22	
bluene	ND	0.0250	1	10/24/22	10/24/22	
Xylene	ND	0.0250	1	10/24/22	10/24/22	
m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
otal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
rrogate: 4-Bromochlorobenzene-PID		110 %	70-130	10/24/22	10/24/22	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2244005	
asoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
rrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	10/24/22	10/24/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2244006
iesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
il Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
rrogate: n-Nonane		83.2 %	50-200	10/24/22	10/24/22	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2244001
hloride	ND	20.0	1	10/24/22	10/24/22	


	2	Sample D	ata			
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Num Project Mana	ber: 200	is 5 46-0001 alie Gladden			<b>Reported:</b> 10/25/2022 1:39:49PM
		SWC11				
		E210161-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
Ethylbenzene	ND	0.0250	1	10/24/22	10/24/22	
Toluene	ND	0.0250	1	10/24/22	10/24/22	
p-Xylene	ND	0.0250	1	10/24/22	10/24/22	
o,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
Total Xylenes	ND	0.0250	1	10/24/22	10/24/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2244005
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
Surrogate: n-Nonane		88.8 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	



	~	ample D				
Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name Project Numb Project Mana	ber: 2004	is 5 46-0001 alie Gladden			<b>Reported:</b> 10/25/2022 1:39:49PM
		SWC12				
		E210161-12				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244005
enzene	ND	0.0250	1	10/24/22	10/24/22	
hylbenzene	ND	0.0250	1	10/24/22	10/24/22	
luene	ND	0.0250	1	10/24/22	10/24/22	
Xylene	ND	0.0250	1	10/24/22	10/24/22	
m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
tal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
rrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/24/22	10/24/22	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244005
asoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
rrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	10/24/22	10/24/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2244006
iesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
il Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
rrogate: n-Nonane		94.1 %	50-200	10/24/22	10/24/22	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244001
nloride	ND	20.0	1	10/24/22	10/24/22	

	2	sample D	ala			
Tap Rock 7 W. Compress Road	Project Name Project Num	ber: 2004	46-0001			Reported:
Artesia NM, 88210	Project Mana	ager: Nata	ilie Gladden	10/25/2022 1:39:49PM		
		SWC13				
		E210161-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244005
Benzene	ND	0.0250	1	10/24/22	10/24/22	
thylbenzene	ND	0.0250	1	10/24/22	10/24/22	
oluene	ND	0.0250	1	10/24/22	10/24/22	
-Xylene	ND	0.0250	1	10/24/22	10/24/22	
,m-Xylene	ND	0.0500	1	10/24/22	10/24/22	
otal Xylenes	ND	0.0250	1	10/24/22	10/24/22	
urrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/24/22	10/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2244005
asoline Range Organics (C6-C10)	ND	20.0	1	10/24/22	10/24/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	10/24/22	10/24/22	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2244006
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/22	10/24/22	
Dil Range Organics (C28-C36)	ND	50.0	1	10/24/22	10/24/22	
urrogate: n-Nonane		81.6 %	50-200	10/24/22	10/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2244001
Chloride	ND	20.0	1	10/24/22	10/24/22	



### **QC Summary Data**

		QC D		ary Date	4				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 10/25/2022 1:39:49PM
		Volatile O	rganics		Analyst: IY				
Analyte		Reporting	Spike	Source		Rec		RPD	
A mary te	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2244005-BLK1)							Prepared: 1	0/24/22 A	Analyzed: 10/24/22
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	8.40		8.00		105	70-130			
LCS (2244005-BS1)							Prepared: 1	0/24/22 A	Analyzed: 10/24/22
Benzene	4.46	0.0250	5.00		89.2	70-130			
Ethylbenzene	4.42	0.0250	5.00		88.5	70-130			
Toluene	4.55	0.0250	5.00		90.9	70-130			
p-Xylene	4.55	0.0250	5.00		90.9	70-130			
o,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		90.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		106	70-130			
Matrix Spike (2244005-MS1)				Source:	E210161-	03	Prepared: 1	0/24/22 A	Analyzed: 10/24/22
Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.95	0.0250	5.00	ND	98.9	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
p-Xylene	5.09	0.0250	5.00	ND	102	63-131			
o,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.52		8.00		106	70-130			
Matrix Spike Dup (2244005-MSD1)				Source:	E210161-	03	Prepared: 1	0/24/22 A	Analyzed: 10/24/22
Benzene	4.78	0.0250	5.00	ND	95.5	54-133	4.55	20	
Ethylbenzene	4.74	0.0250	5.00	ND	94.8	61-133	4.21	20	
Toluene	4.87	0.0250	5.00	ND	97.4	61-130	4.42	20	
p-Xylene	4.88	0.0250	5.00	ND	97.6	63-131	4.29	20	
o,m-Xylene	9.62	0.0500	10.0	ND	96.2	63-131	4.02	20	
n i tar t	14.5	0.0250	15.0	ND	067	(2,121	4.11	20	
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131	4.11	20	



## **QC Summary Data**

		QU N	M 1 1 1 1 1	ary Data					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:		Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 10/25/2022 1:39:49PM
7 Heshi 111, 00210	No		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 (2244005-BLK1)							Prepared: 1	0/24/22 A	nalyzed: 10/24/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
LCS (2244005-BS2)							Prepared: 1	0/24/22 A	nalyzed: 10/24/22
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	70-130			
Matrix Spike (2244005-MS2)				Source: E	210161-	03	Prepared: 1	0/24/22 A	analyzed: 10/24/22
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			
Matrix Spike Dup (2244005-MSD2)				Source: E	210161-	03	Prepared: 1	0/24/22 A	nalyzed: 10/24/22
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	7.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			



## **QC Summary Data**

		QU D		ary Date	•					
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:	2	Bettis 5 20046-0001 Natalie Gladden			<b>Reported:</b> 10/25/2022 1:39:49PM			
	Nonh		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 (2244006-BLK1)							Prepared: 1	0/24/22 A	analyzed: 10/24/22	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	41.4		50.0		82.8	50-200				
LCS (2244006-BS1)							Prepared: 1	0/24/22 A	analyzed: 10/24/22	
Diesel Range Organics (C10-C28)	222	25.0	250		88.8	38-132				
Surrogate: n-Nonane	39.3		50.0		78.5	50-200				
Matrix Spike (2244006-MS1)				Source: 1	E210161-	09	Prepared: 1	0/24/22 A	analyzed: 10/24/22	
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.1	38-132				
Surrogate: n-Nonane	43.3		50.0		86.6	50-200				
Matrix Spike Dup (2244006-MSD1)				Source: 1	E210161-	09	Prepared: 1	0/24/22 A	analyzed: 10/24/22	
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	8.25	20		
Surrogate: n-Nonane	40.2		50.0		80.4	50-200				



### **QC Summary Data**

		$\mathbf{x} \in \mathcal{S}$	<b>u</b>	ary Date	•				
Tap Rock 7 W. Compress Road Artesia NM, 88210		Project Name: Project Number: Project Manager:		Bettis 5 20046-0001 Natalie Gladden					<b>Reported:</b> 10/25/2022 1:39:49PM
			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 (2244001-BLK1)							Prepared: 1	0/24/22 <i>A</i>	Analyzed: 10/24/22
Chloride LCS (2244001-BS1)	ND	20.0					Prepared: 1	0/24/22 A	Analyzed: 10/24/22
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2244001-MS1)				Source: 1	E210161-0	)1	Prepared: 1	0/24/22 A	Analyzed: 10/24/22
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2244001-MSD1)				Source: l	E210161-0	01	Prepared: 1	0/24/22 A	Analyzed: 10/24/22
Chloride	254	20.0	250	ND	102	80-120	1.01	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:	Bettis 5	
	7 W. Compress Road	Project Number:	20046-0001	Reported:
	Artesia NM, 88210	Project Manager:	Natalie Gladden	10/25/22 13:39

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



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ity, Stat hone: mail:	e, Zip ue by: ES Date Sampled	55 Matrix	No. of Containers	Sample ID		Phone: <del>{</del> Email:	515-39	3 - GOUS urgystaffingi Urgystaffingi		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX				State UT AZ Remarks	TX
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ample Ma	trix: S - Soil, S	d - Solid, Sg carded 30 (	- Sludge, A -	Aqueous, O - O	her				Containe	r Type	e: g - g	lass,	<b>p</b> - po	ly/pl	lastic,	ag - an	ber gla		- VOA				

RelProject Information	-
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'ime mpled	Date Sampled	Matrix	No. of Containers	Sample ID					Number	DRO/	GRO/	BTEX	voct	Meta	Chlor		BGDOC	BGDOC			Remarks	
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### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

	Tap Rock D	ate Received:	10/24/22 0	8:30	Work	Corder ID:	E210161
Phone:	(575) 390-6397 D	ate Logged In:	10/21/22 1	6:43	Logg	ged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com D	ue Date:	10/24/22 1	7:00 (0 day TAT)			
Chain o	f Custody (COC)						
1. Does 1	the sample ID match the COC?		Yes				
2. Does 1	the number of samples per sampling site location match	the COC	Yes				
3. Were	samples dropped off by client or carrier?		Yes	Carrier: U	PS		
4. Was th	he COC complete, i.e., signatures, dates/times, requested	1 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			<u>Commen</u>	ts/Resolution
Sample '	<u>Turn Around Time (TAT)</u>				<b>—</b> ) 1.1		
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled	not prov	ided on COC.
Sample	<u>Cooler</u>						
7. Was a	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 yes	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-		Yes				
13 Ifno	minutes of sampling visible ice, record the temperature. Actual sample ter	nnerature: 4º	C				
		nperature. <u>+ -</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				
	e neua space less man o e min (peu sizea or less).						
	a trin blank (TB) included for VOC analyses?		NA				
17. Was	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?		NA Ves				
17. Was 18. Are 1	non-VOC samples collected in the correct containers?	s collected?	Yes				
17. Was 18. Are 1 19. Is the	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers	s collected?					
<ol> <li>17. Was</li> <li>18. Are 1</li> <li>19. Is the</li> <li>Field La</li> </ol>	non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containers abel		Yes				
<ol> <li>17. Was</li> <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		Yes				
17. Was 18. Are 1 19. Is the Field La 20. Were S	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				
17. Was 18. Are n 19. Is the Field La 20. Were S	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 Yes Yes				
17. Was 18. Are n 19. Is the Field La 20. Were S I C 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				
17. Was 18. Are n 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				
17. Was 18. Are 1 19. Is the Field La 20. Were S <u>Sample</u> 21. Does 22. Are s	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				
17. Was 18. Are 1 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				
17. Was 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 mase Sample Matrix	nation: erved? als?	Yes Yes Yes No No NA No				
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 5 24. Is lat Multiph 26. 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 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 NA				
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 5 24. Is lat Multiph 26. 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 sample(s) correctly preserved? b filteration required and/or requested for dissolved meta mase Sample Matrix	nation: erved? als?	Yes Yes Yes No No NA No				
17. Was 18. Are 1 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are s 24. Is lat <b>Multiph</b> 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>nase Sample Matrix</u> s the sample have more than one phase, i.e., multiphase?	nation: erved? als?	Yes Yes Yes No No NA No				
17. Was 18. Are 1 19. Is the <b>Field La</b> 20. Were 21. Does 22. Are 5 24. Is lat <u>Multiph</u> 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? d?	Yes Yes Yes No No NA No				

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



envirotech Inc.

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### BETTIS 20 STATE COM #5 DELINEATION PHOTOS













### BETTIS 20 STATE COM #5 REMEDIATION PHOTOS













### BETTIS 20 STATE COM #5 FINAL PHOTOS

### RELEASE DATE: 04/01/2022



















State of New Mexico

Page 3

Form C-141

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Page 356 of 359

### Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	UNK (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	$\Box Yes \boxtimes No$
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?	$\Box Yes \boxtimes No$
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 <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🛛 No
	🗌 Yes 🛛 No

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

Field data

Data table of soil contaminant concentration data

Depth to water determination

Determination of water sources and significant watercourses within ¹/₂-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.

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Form C-141	State of New Mexico	Incident ID	
Page 4	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endange public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.         Printed Name:       NATALIE GLADDEN       Title:       DIRECTOR OF ENVIRONMENTAL AND REGULATORY         Signature:       Optimized Colladdeen       Date:       1/27/23         email:       natalie@energystaffingllc.com       Telephone:       575-390-6397			
OCD Only Received by:	Date:		

*Received by OCD: 1/31/2023 10:10:47 AM* Form C-141 State

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State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

 $\boxtimes$  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.

Received by:

Date:

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

Closure Approved by:	Date:
Printed Name:	Title:

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
TAP ROCK OPERATING, LLC	372043
523 Park Point Drive	Action Number:
Golden, CO 80401	181109
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	2/20/2023

Action 181109