



**BETTIS 20 STATE COM #4
CLOSURE REQUEST**

**API NO. 30-025-41438
UNIT LETTER N, SECTION 20, TOWNSHIP 24S, RANGE 33E
LEA COUNTY, NEW MEXICO**

**DATE OF RELEASE:
INCIDENT ID NO. NAPP2205753600**

December 4, 2022

Prepared by:



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December 4, 2022

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Subject: Closure Request for Tap Rock – Bettis 20 State Com #4

API No. 30-025-41438
Incident ID No. NAPP2205753600
Legal: U/L N, 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 #4 (hereafter referred to as the "Bettis") for the produced water release that occurred on February 26th, of 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 2:12 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 February 26th at 3:23 PM. The NMOCD accepted the C141 as record on March 1st. The incident number assigned to the release is NAPP2205753600. (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 February 26th, 2022, the float in the flare scrubber failed, causing fluid to be sprayed out into the pasture area. The release fluid remained in the pasture area and did not enter the lease road. Once the release was reported, appropriate repairs were made to the flare. This release was a spray only and no fluid was recovered as no puddling took place.

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 10.04bbls was released and sprayed into the pasture area. 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 32.196598 latitude and -103.597932 longitude, 24.69 miles northwest of Jal, New Mexico. The legal description of the site is Unit Letter N, 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 in the pasture area which runs parallel to the production pad for the Bettis. The elevation is 3539 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 69.2% Berino-Cacique Loamy Fine Sands Association and 30.8% Pyote and Maljamar Fine Sands. (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 well or groundwater data available. This well is 2720 yards from the site. The second well is C03565 POD 3, drilled in 2012 with no well depth and groundwater data at 1,533', 3510 yards from the site. The third well is C03565 POD 8, no drilling date but the log was filed in 2013, this site is 4176 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 Evaluation

On February 28th, ESS arrived on the site, 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 30 vertical sample points were placed along with 12 horizontal sample points. Each sample point was then sampled by use of hand auger and backhoe in 1' and 2' intervals. Bottom hole samples were then submitted to the lab for confirmation. Please see the delineation sample data below, with the lab data indicated in yellow. Attached to this report you will find the sample data, delineation sample map and lab analysis.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	>4000	H	12.1	142	13500	4990	18632	10400
	1	4800	H						
	3	1500	L						
	5	580	ND						
	7	20	ND	ND	ND	ND	ND	ND	ND
SP2	SURF	740	H	0.0736	ND	447	248	695	701
	1	680	H						
	3	200	L						
	5	20	ND	ND	ND	ND	ND	ND	ND

SP3	SURF	1520	H	224	2230	21600	4980	28810	2040
	2	1240	H						
	4	80	L						
	6	80	ND	ND	ND	ND	ND	ND	ND
SP4	SURF	420	H	121	1190	15200	3400	19790	446
	2	600	H						
	4	180	H						
	6	240	M						
	8	100	L						
	10	20	ND	ND	ND	ND	ND	ND	20.6
SP5	SURF	240	L	0.131	ND	180	53.8	233.8	108
	2	80	ND						
	4	80	ND	ND	ND	ND	ND	ND	66
SP6	SURF	560	L	114	1140	13900	3180	18220	447
	2	160	ND						
	4	ND	ND	ND	ND	ND	ND	ND	ND
SP7	SURF	120	H	0.365	ND	2110	707	2817	112
	2	160	ND						
	4	ND	ND	ND	ND	ND	ND	ND	ND
SP8	SURF	140	H	0.371	ND	1710	517	2227	134
	2	140	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP9	SURF	120	H	0.131	ND	547	194	741	101
	2	80	ND						
	4	40	ND	ND	ND	ND	ND	ND	ND
SP10	SURF	160	H	0.237	ND	2500	812	3312	135
	2	160	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP11	SURF	400	H	2.12	43	4680	1300	6023	388
	2	80	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP12	SURF	60	L	ND	ND	150	ND	150	36.2

	2	80	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP13	SURF	600	H	1.2	31	5790	1710	7531	576
	2	620	H						
	4	20	L	ND	ND	62.2	ND	62.2	ND
	6	20	ND						
	8	ND	ND	ND	ND	ND	ND	ND	ND
SP14	SURF	200	H	ND	ND	1020	356	1406	144
	1	140	M						
	2	80	L						
	4	80	ND	ND	ND	ND	ND	ND	ND
SP15	SURF	60	ND	ND	ND	ND	ND	ND	ND
	1	40	ND						
	2	40	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP16	SURF	20	L	ND	ND	37	ND	37	ND
	1	80	L						
	2	80	ND						
	4	80	ND	ND	ND	ND	ND	ND	ND
SP17	SURF	40	L	ND	ND	142	ND	142	ND
	1	40	L						
	2	20	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP18	SURF	40	M	ND	ND	290	107	397	36.8
	1	80	L						
	2	80	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP19	SURF	60	L	ND	ND	75.8	ND	75.8	ND
	1	80	L						
	2	80	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP20	SURF	140	H	ND	ND	855	276	1131	99.7
	1	100	M						

	2	80	L						
	4	20	L	ND	ND	ND	ND	ND	ND
SP21	SURF	20	L	ND	ND	227	62.1	289.1	ND
	1	100	L						
	2	80	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP22	SURF	100	M	ND	ND	394	119	513	50.8
	1	80	L						
	2	80	ND						
	4	ND	ND	ND	ND	ND	ND	ND	ND
SP23	SURF	20	ND	ND	ND	ND	ND	ND	ND
	1	640	ND						
	2	400	ND						
	4	ND	ND	ND	ND	ND	ND	ND	ND
SP24	SURF	160	H	4.62	ND	2040	641	2681	131
	1	80	M						
	2	80	L						
	4	ND	ND	ND	ND	ND	ND	ND	ND
SP25	SURF	80	M	ND	ND	249	53.7	302.7	51
	1	80	L						
	2	40	ND						
	4	20	ND	ND	ND	ND	ND	ND	ND
SP26	SURF	20	L	ND	ND	122	ND	122	22.2
	1	20	L						
	2	20	ND						
	4	ND	ND	ND	ND	ND	ND	ND	ND
SP27	SURF	80	L	ND	ND	147	ND	147	20
	1	80	L						
	2	80	ND						
	4	80	ND	ND	ND	ND	ND	ND	ND
SP28	SURF	40	L	ND	ND	111	ND	111	32.9
	1	20	L						
	2	40	ND						

		4	ND	ND	ND	ND	ND	ND	ND	ND
SP29	SURF	20	L	ND	ND	134	ND	134	25.4	
	1	20	ND							
	2	20	ND							
		4	ND	ND	ND	ND	ND	ND	ND	ND
SP30	SURF	40	L	ND	ND	130	ND	130	25.5	
	1	20	L							
	2	20	ND							
		4	ND	ND	ND	ND	ND	ND	ND	ND
SW1	SURF	340	H	ND	ND	1700	1080	2780	329	
	1	80	ND							
	2	20	ND	ND	ND	ND	ND	ND	26.5	
SW2	SURF	ND	L	ND	ND	180	185	365	ND	
	1	ND	ND							
	2	ND	ND	ND	ND	ND	ND	ND	ND	
SW3	SURF	20	ND	ND	ND	ND	ND	ND	ND	
	1	20	ND							
	2	20	ND	ND	ND	ND	ND	ND	ND	
SW4	SURF	20	L	ND	ND	44	ND	44	ND	
	1	20	ND							
	2	ND	ND	ND	ND	ND	ND	ND	ND	
SW5	SURF	20	L	ND	ND	138	93.2	231.2	ND	
	1	20	ND							
	2	ND	ND	ND	ND	ND	ND	ND	ND	
SW6	SURF	20	L	ND	ND	100	73.7	173.7	ND	
	1	20	ND							
	2	ND	ND	ND	ND	ND	ND	ND	ND	
SW7	SURF	20	ND	ND	ND	ND	ND	ND	ND	
	1	20	ND							
	2	20	ND	ND	ND	ND	ND	ND	ND	
SW8	SURF	20	ND	ND	ND	ND	ND	ND	ND	

	1	20	ND						
	2	20	ND	ND	ND	ND	ND	ND	ND
SW9	SURF	20	L	ND	ND	92.7	91	183.7	ND
	1	20	ND						
	2	20	ND	ND	ND	ND	ND	ND	ND
SW10	SURF	20	L	ND	ND	37.9	ND	37.9	ND
	1	20	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW11	SURF	ND	L	ND	ND	29.7	ND	29.7	ND
	1	ND	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW12	SURF	40	L	ND	ND	183	108	291	30.5
	1	20	ND						
	2	ND	ND	ND	ND	ND	ND	ND	ND

Please see the delineation photos attached herein.

On behalf of Tap Rock, an extension was requested on May 23rd and was approved on same day to the date of August 26th, 2022. Please see email correspondence attached.

On May 24th, a hydro-vac was dispatched out to the location to expose all buried lines in the impact area of the release. On June 29th, ESS crews arrived on location to begin the remediation phase of the project. The depth of excavation ranged from 1' bgs to 8' bgs. A total of 2,583.31 cubic yards of contaminated soil was hauled to Lea Land Disposal and to Owl Disposal.

On July 7th, an email was sent to the NMOCD for the composite notification phase of this project. On July 12th, an email was sent to the NMOCD requesting a composite variance. The request was sent to change the square footage from 200 sq. ft. to 500 sq. ft. The NMOCD approved 400 sq. ft. composite sampling. Please see email correspondence attached.

On July 14th, ESS crews began to obtain 400 sq. ft. composites from the excavation area. A total of 133 bottom hole composites were obtained, field tested and submitted to the lab for confirmation. Several composites were returned with elevated TPH. These areas were then excavated further and retested. As you can see on the below sampled data sheet for the composites, the elevated composites area in red, then follow with the deeper composites that

were obtained and all passed the concentrations levels for this site. Please find the composite sample data below as well as attached to this report followed by lab confirmation data.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
COMP 1	4	80	H	ND	ND	155	98.7	253.7	44.1	SAND
COMP 1A	5	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 2	4	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 3	8	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 4	8	80	L	ND	ND	37.7	ND	37.7	ND	SAND
COMP 5	8	80	ND	ND	ND	ND	ND	ND	36.7	SAND
COMP 6	2	80	H	ND	ND	408	249	657	77	SAND
COMP 6A	3	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 7	4	80	L	ND	ND	39.2	ND	39.2	43.8	SAND
COMP 8	4	80	ND	ND	ND	ND	ND	ND	31.7	SAND
COMP 9	1	80	H	ND	ND	91.4	52.8	144.2	ND	SAND
COMP 9A	2	80	L	ND	ND	ND	ND	ND	ND	SAND
COMP 10	1	160	H	ND	ND	165	97.9	262.9	23.7	SAND
COMP 10A	2	80	L	ND	ND	ND	ND	ND	ND	SAND
COMP 11	1	160	L	ND	ND	ND	ND	ND	ND	SAND
COMP 12	1	80	H	ND	ND	86.7	63.2	149.9	32.5	SAND
COMP 12A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 13	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 14	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 15	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 16	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 17	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 18	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 19	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 20	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 21	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 22	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 23	1	80	H	ND	ND	53.2	ND	53.2	ND	SAND
COMP 23A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 24	1	80	H	ND	ND	92.5	59.7	152.2	ND	SAND
COMP 24A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 25	1	80	H	ND	ND	103	71.9	104.9	20.5	SAND
COMP 25A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 26	1	80	H	ND	ND	85.7	63.8	149.5	61.1	SAND
COMP 26A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 27	1	80	H	ND	ND	113	73.8	186.8	ND	SAND

COMP 27A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 28	1	80	H	ND	ND	60.2	ND	60.2	ND	SAND
COMP 28A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 29	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 30	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 31	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 32	1	80	ND	ND	ND	ND	ND	ND	47.5	SAND
COMP 33	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 34	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 35	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 36	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 37	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 38	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 39	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 40	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 41	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 42	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 43	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 45	2	80	L	ND	ND	35.9	ND	35.9	ND	SAND
COMP 46	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 47	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 48	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 49	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 50	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 51	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 52	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 53	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 54	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 55	2	80	H	ND	ND	320	311	631	ND	SAND
COMP 55A	3	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 56	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 57	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 58	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 59	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 60	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
COMP 61	2	80	ND	ND	ND	ND	ND	ND	80.8	SAND
COMP 62	2	60	ND	ND	ND	ND	ND	ND	57.7	SAND
COMP 63	2	60	ND	ND	ND	ND	ND	ND	55.1	SAND
COMP 64	2	60	ND	ND	ND	ND	ND	ND	57.8	SAND
COMP 65	2	60	ND	ND	ND	ND	ND	ND	64.6	SAND
COMP 66	2	80	ND	ND	ND	ND	ND	ND	71	SAND

COMP 67	2	60	ND	ND	ND	ND	ND	ND	65.5	SAND
COMP 68	2	80	ND	ND	ND	ND	ND	ND	71.3	SAND
COMP 69	2	60	ND	ND	ND	ND	ND	ND	71.7	SAND
COMP 70	2	60	ND	ND	ND	ND	ND	ND	61	SAND
COMP 71	2	80	ND	ND	ND	ND	ND	ND	70.9	SAND
COMP 72	2	70	ND	ND	ND	ND	ND	ND	69.1	SAND
COMP 73	2	60	ND	ND	ND	ND	ND	ND	66	SAND
COMP 74	2	60	ND	ND	ND	ND	ND	ND	67.6	SAND
COMP 75	2	60	ND	ND	ND	ND	ND	ND	68	SAND
COMP 76	2	80	ND	ND	ND	ND	ND	ND	70.7	SAND
COMP 77	2	60	ND	ND	ND	ND	ND	ND	67.7	SAND
COMP 78	2	60	ND	ND	ND	ND	ND	ND	62.4	SAND
COMP 79	2	60	ND	ND	ND	ND	ND	ND	66.7	SAND
COMP 80	2	60	ND	ND	ND	ND	ND	ND	56.8	SAND
COMP 81	2	60	ND	ND	ND	ND	ND	ND	64.1	SAND
COMP 82	2	60	ND	ND	ND	ND	ND	ND	63.4	SAND
COMP 83	2	80	ND	ND	ND	ND	ND	ND	69.3	SAND
COMP 84	2	60	ND	ND	ND	ND	ND	ND	68.8	SAND
COMP 85	2	60	ND	ND	ND	ND	ND	ND	56.2	SAND
COMP 86	2	40	ND	ND	ND	ND	ND	ND	47.4	SAND
COMP 87	2	60	ND	ND	ND	ND	ND	ND	55.7	SAND
COMP 88	2	60	ND	ND	ND	ND	ND	ND	56.7	SAND
COMP 89	2	60	ND	ND	ND	ND	ND	ND	54.2	SAND
COMP 90	2	60	ND	ND	ND	ND	ND	ND	55.2	SAND
COMP 91	2	60	ND	ND	ND	ND	ND	ND	55.9	SAND
COMP 92	2	60	ND	ND	ND	ND	ND	ND	53.7	SAND
COMP 93	2	60	ND	ND	ND	ND	ND	ND	58.3	SAND
COMP 94	2	40	ND	ND	ND	ND	ND	ND	49	SAND
COMP 95	2	60	ND	ND	ND	ND	ND	ND	59	SAND
COMP 96	2	60	ND	ND	ND	ND	ND	ND	52.4	SAND
COMP 97	2	60	ND	ND	ND	ND	ND	ND	55.8	SAND
COMP 98	2	60	ND	ND	ND	ND	ND	ND	50.6	SAND
COMP 99	2	40	ND	ND	ND	ND	ND	ND	49.5	SAND
COMP 100	2	40	ND	ND	ND	ND	ND	ND	52.8	SAND
COMP 101	2	60	ND	ND	ND	ND	ND	ND	55.9	SAND
COMP 102	2	40	ND	ND	ND	ND	ND	ND	48.3	SAND
COMP 103	2	60	ND	ND	ND	ND	ND	ND	55.3	SAND
COMP 104	2	40	ND	ND	ND	ND	ND	ND	35	SAND
COMP 105	2	80	ND	ND	ND	ND	ND	ND	70.3	SAND
COMP 106	2	40	ND	ND	ND	ND	ND	ND	44.9	SAND
COMP 107	2	40	ND	ND	ND	ND	ND	ND	48.6	SAND

COMP 108	2	60	ND	ND	ND	ND	ND	ND	55.2	SAND
COMP 109	2	60	ND	ND	ND	ND	ND	ND	56.3	SAND
COMP 110	2	80	ND	ND	ND	ND	ND	ND	71.2	SAND
COMP 111	2	80	ND	ND	ND	ND	ND	ND	70.1	SAND
COMP 112	2	80	ND	ND	ND	ND	ND	ND	70.5	SAND
COMP 113	2	60	ND	ND	ND	ND	ND	ND	66.7	SAND
COMP 114	2	80	ND	ND	ND	ND	ND	ND	67.9	SAND
COMP 115	2	60	ND	ND	ND	ND	ND	ND	67.2	SAND
COMP 116	2	80	ND	ND	ND	ND	ND	ND	69.1	SAND
COMP 117	2	60	ND	ND	ND	ND	ND	ND	60	SAND
COMP 118	2	60	ND	ND	ND	ND	ND	ND	53.8	SAND
COMP 119	2	60	ND	ND	ND	ND	ND	ND	55	SAND
COMP 120	2	40	ND	ND	ND	ND	ND	ND	31.2	SAND
COMP 121	2	40	ND	ND	ND	ND	ND	ND	29.5	SAND
COMP 122	2	40	ND	ND	ND	ND	ND	ND	33.4	SAND
COMP 123	2	40	ND	ND	ND	ND	ND	ND	43.8	SAND
COMP 124	2	40	ND	ND	ND	ND	ND	ND	40.1	SAND
COMP 125	2	20	ND	ND	ND	ND	ND	ND	25.4	SAND
COMP 126	2	20	ND	ND	ND	ND	ND	ND	24.8	SAND
COMP 127	2	20	ND	ND	ND	ND	ND	ND	20	SAND
COMP 128	2	20	ND	ND	ND	ND	ND	ND	20.5	SAND
COMP 129	2	20	ND	ND	ND	ND	ND	ND	26.5	SAND
COMP 130	2	20	ND	ND	ND	ND	ND	ND	24.2	SAND
COMP 131	2	20	ND	ND	ND	ND	ND	ND	23.3	SAND
COMP 132	2	20	ND	ND	ND	ND	ND	ND	28.6	SAND
COMP 133	2	60	ND	ND	ND	ND	ND	ND	54.7	SAND
SWC 1	1	80	L	ND	ND	29.9	ND	29.9	ND	SAND
SWC 2	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 3	1	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 4	2	80	H	ND	ND	101	133	234	26.9	SAND
SWC 4A	3	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 5	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 6	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 7	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 8	2	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 9	4	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 10	4	80	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 11	8	80	ND	ND	ND	ND	ND	ND	76.9	SAND
SWC 11	8	60	ND	ND	ND	ND	ND	ND	50.6	SAND
SWC 12	2	40	ND	ND	ND	ND	ND	ND	35.6	SAND
SWC 13	2	60	ND	ND	ND	ND	ND	ND	58.9	SAND

SWC 14	2	60	ND	ND	ND	ND	ND	ND	60.2	SAND
SWC 15	2	60	ND	ND	ND	ND	ND	ND	52.1	SAND
SWC 16	2	40	ND	ND	ND	ND	ND	ND	51.8	SAND
SWC 17	2	20	ND	ND	ND	ND	ND	ND	24.9	SAND
SWC 18	2	60	ND	ND	ND	ND	ND	ND	60	SAND
SWC 19	2	40	ND	ND	ND	ND	ND	ND	48.5	SAND
SWC 20	2	20	ND	ND	ND	ND	ND	ND	22.4	SAND
SWC 21	2	20	ND	ND	ND	ND	ND	ND	24.3	SAND
SWC 22	2	80	ND	ND	ND	ND	ND	ND	70.7	SAND
SWC 23	2	ND	ND	ND	ND	ND	ND	ND	ND	SAND
SWC 24	2	40	ND	ND	ND	ND	ND	ND	47.5	SAND
SWC 25	2	60	ND	ND	ND	ND	ND	ND	60	SAND

A total of 3,175.52 cy of topsoil and caliche was pushed up and hauled from Lea-land and from a local pit in the area and stockpiled on location. The backfill material was staged on the production pad of the Bettis and then transferred to the pasture area where backfilling of the impacted site occurred.

Please find the remediation and final photos attached herein.

Closure Request

On behalf of Tap Rock, ESS request that the incident (NAPP2205753600), be closed for the release that occurred in the pasture area of the Bettis 20 State Com #4. 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 natalie@energystaffingllc.com.

Sincerely,

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Office: 575-393-9048

Cell: 575-390-6397

Email: natalie@energystaffingllc.com



Attachments:

- 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 Variance Request and Approval
- Composite Sample Data
- Composite Sample Map
- Composite Sample GPS Log
- Lab Analysis
- Remediation and Final Photos
- Final C141

Natalie Gladden

From: Natalie Gladden
Sent: Saturday, February 26, 2022 2:13 PM
To: ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Hamlet, Robert, EMNRD
Cc: 'Bill Ramsey'; Christian Combs; dakoatah@energystaffingllc.com; Eddie Gaytan
Subject: TAP ROCK - RELEASE NOTIFICATION - BETTIS 20 STATE COM #004H

Importance: High

Tracking:	Recipient	Read
	ocdonline, emnrd, EMNRD	
	Bratcher, Mike, EMNRD	
	Hensley, Chad, EMNRD	
	Hamlet, Robert, EMNRD	
	'Bill Ramsey'	
	Christian Combs	
	dakoatah@energystaffingllc.com	
	Eddie Gaytan	Read: 2/26/2022 2:25 PM
	Dakoatah Montanez	Read: 2/28/2022 9:19 AM

All,

Please use this email as the release notification for the following site:

Tap Rock Operating
 Site: Bettis 20 State Com #004H
 DOR: 2/26/22
 Cause of Release: The float in the flare scrubber failed, causing the fluid to be sprayed out into the pasture area.
 Volume Released: 10.04bbbls of produced water
 Volume Recovered: 0bbbls as it was a spray only

A C141 and spill calculator form will be uploaded to the NMOCD portal shortly.

Sincerely,

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.196598 Longitude -103.597932
(NAD 83 in decimal degrees to 5 decimal places)

Site Name BETTIS 20 STATE COM #004H	Site Type PRODUCTION
Date Release Discovered 2/26/22	API# <i>(if applicable)</i> 30-025-41438

Unit Letter	Section	Township	Range	County
N	20	24S	33E	LEA COUNTY

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 10.04BBLS	Volume Recovered (bbls) 0BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

THE FLOAT IN THE FLARE SCRUBBER FAILED, CAUSING FLUID TO BE SPRAYED OUT INTO THE PASTURE AREA.


State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? AT 6:30AM THE RELEASE WAS FOUND. An email was sent by Natalie Gladden (ESS) at 2:13pm on 02/26/22 to the OCD email, Mike Bratcher, Chad Hensley and Robert Hamlet.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Natalie Gladden</u> Title: <u>Director of Environmental and Regulatory</u> Signature: <u></u> Date: <u>2/26/22</u> email: <u>natalie@energystaffingllc.com</u> Telephone: <u>575-390-6397</u>
<u>OCD Only</u> Received by: _____ Date: _____

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	332.35	127.66	0.0083	352.15075	10.04	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravelly Sand	0.26	10	10	0.083	8.3	0.38	Gravelly Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	10	10	0.083	8.3	0.30	Medium Gravel
Coarse Gravel	0.18	10	10	0.083	8.3	0.27	Coarse Gravel
Sandstone	0.25	10	10	0.083	8.3	0.37	Sandstone
Siltstone	0.18	10	10	0.083	8.3	0.27	Siltstone
Shale	0.05	10	10	0.083	8.3	0.07	Shale
Limestone	0.13	10	10	0.083	8.3	0.19	Limestone
Basalt	0.19	10	10	0.083	8.3	0.28	Basalt
Volcanic Tuff	0.20	10	10	0.083	8.3	0.30	Volcanic Tuff
Standing Liquids	X	10	10	0.083	8.3	1.48	Standing Liquids

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

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

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

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

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

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Tuesday, March 1, 2022 9:34 AM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 84497

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2205753600, with the following conditions:

- **None**

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

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

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

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

BETTIS 20 STATE COM #4 INITIAL SITE PHOTOS









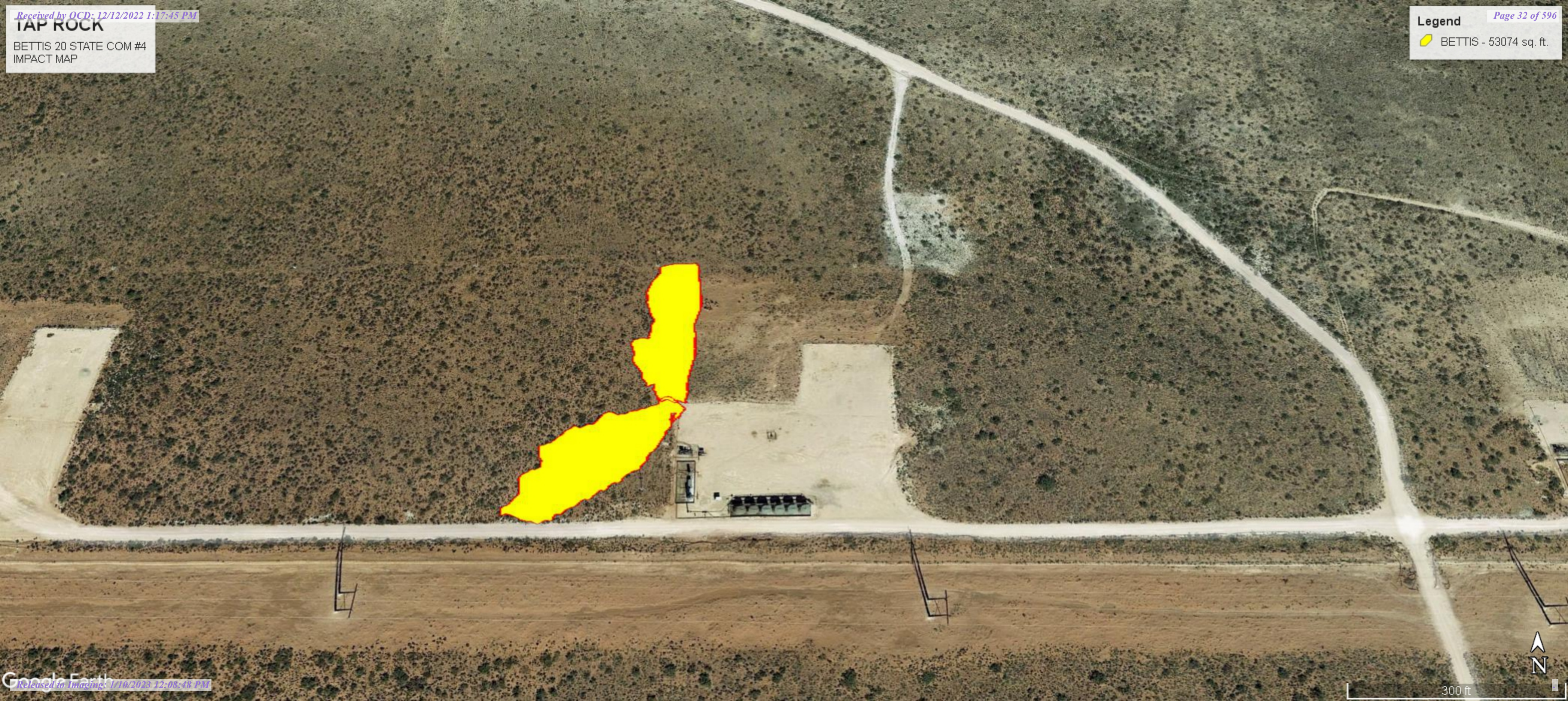














TAPROCK

BETTIS 20 STATE COM #4
SITE MAP

Legend

 BETTIS 20 ST COM #4

 BETTIS 20 ST COM #4



Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

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

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

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

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

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

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

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

Reference:

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

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

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition—Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition	Rangeland	Forest understory
		Favorable year	Normal year	Unfavorable year				
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct dry wt</i>	<i>Pct dry wt</i>	
BE—Berino-Cacique loamy fine sands association								
Berino	Loamy Sand (R070BD003NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					soaptree yucca	5		
					threeawn	5		
Cacique	Sandy (R070BD004NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					threeawn	5		
					yucca	5		

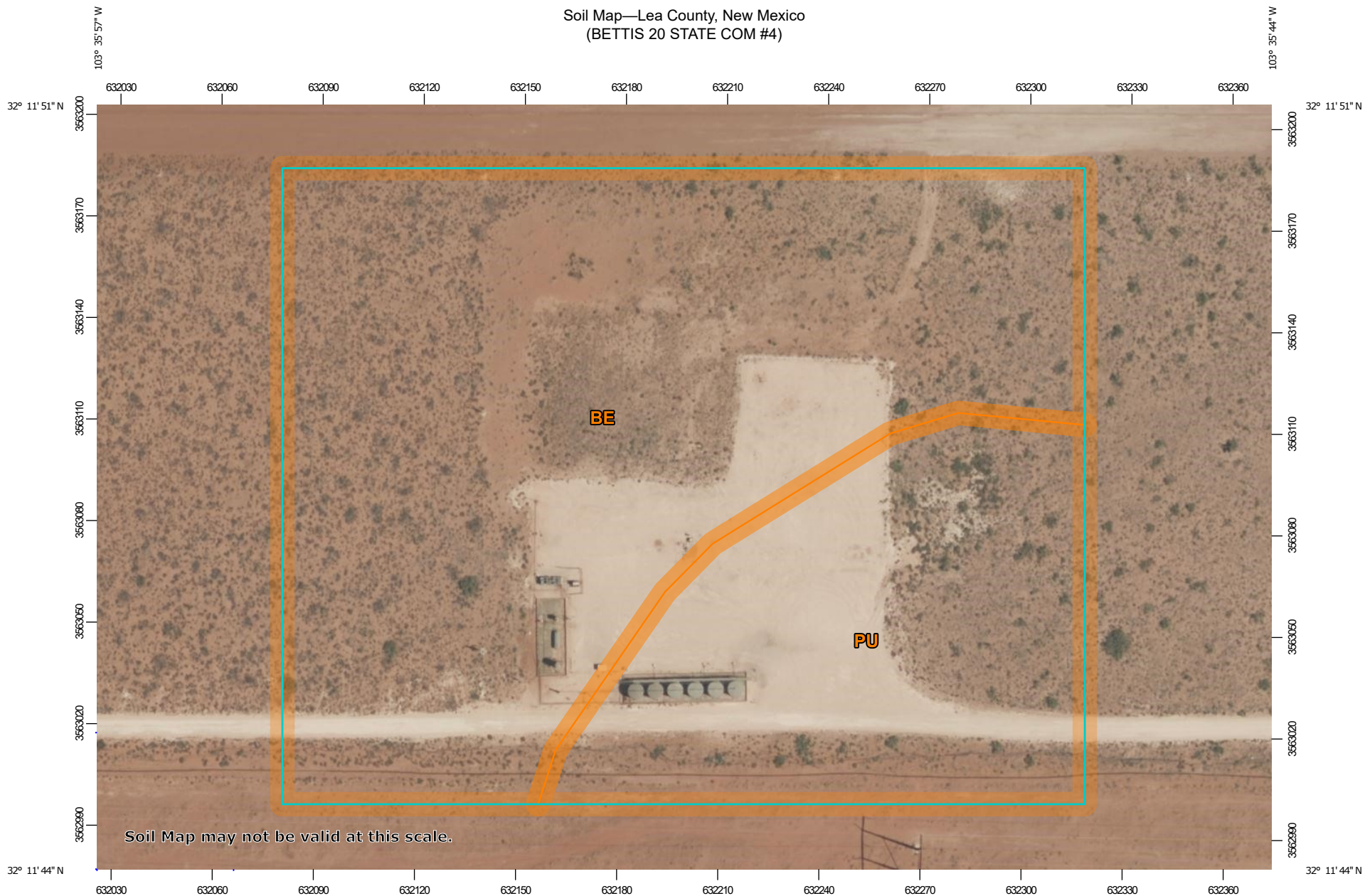
Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition—Lea County, New Mexico									
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition	Rangeland		Forest understory
		Favorable year	Normal year	Unfavorable year					
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct dry wt</i>	<i>Pct dry wt</i>		
PU—Pyote and Maljamar fine sands									

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition—Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition	Rangeland	Forest understory
		Favorable year	Normal year	Unfavorable year				
		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct dry wt</i>	<i>Pct dry wt</i>	
Pyote	Loamy Sand (R070BD003NM)	2,000	1,500	1,000	little bluestem	10		
					other shrubs	10		
					other perennial forbs	10		
					sand bluestem	10		
					spike dropseed	10		
					Arizona cottontop	5		
					black grama	5		
					bush muhly	5		
					cane bluestem	5		
					giant dropseed	5		
					hooded windmill grass	5		
					mesa dropseed	5		
					other perennial grasses	5		
					plains bristlegrass	5		
sand dropseed	5							
Maljamar	Loamy Sand (R070BD003NM)	1,800	—	650	black grama	15		
					other perennial forbs	15		
					dropseed	10		
					little bluestem	10		
					other perennial grasses	10		
					plains bristlegrass	10		
					bush muhly	5		
					cane bluestem	5		
					fall witchgrass	5		
					Havard's oak	5		
USDA Natural Resources Conservation Service				Web Soil Survey National Cooperative Soil Survey	other shrubs	5		12/4/2022 Page 6 of 7
					sand sagebrush	5		

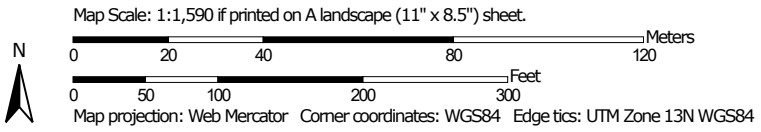
Data Source Information

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

Soil Map—Lea County, New Mexico
(BETTIS 20 STATE COM #4)




Soil Map may not be valid at this scale.



Soil Map—Lea County, New Mexico
(BETTIS 20 STATE COM #4)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

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

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

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

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

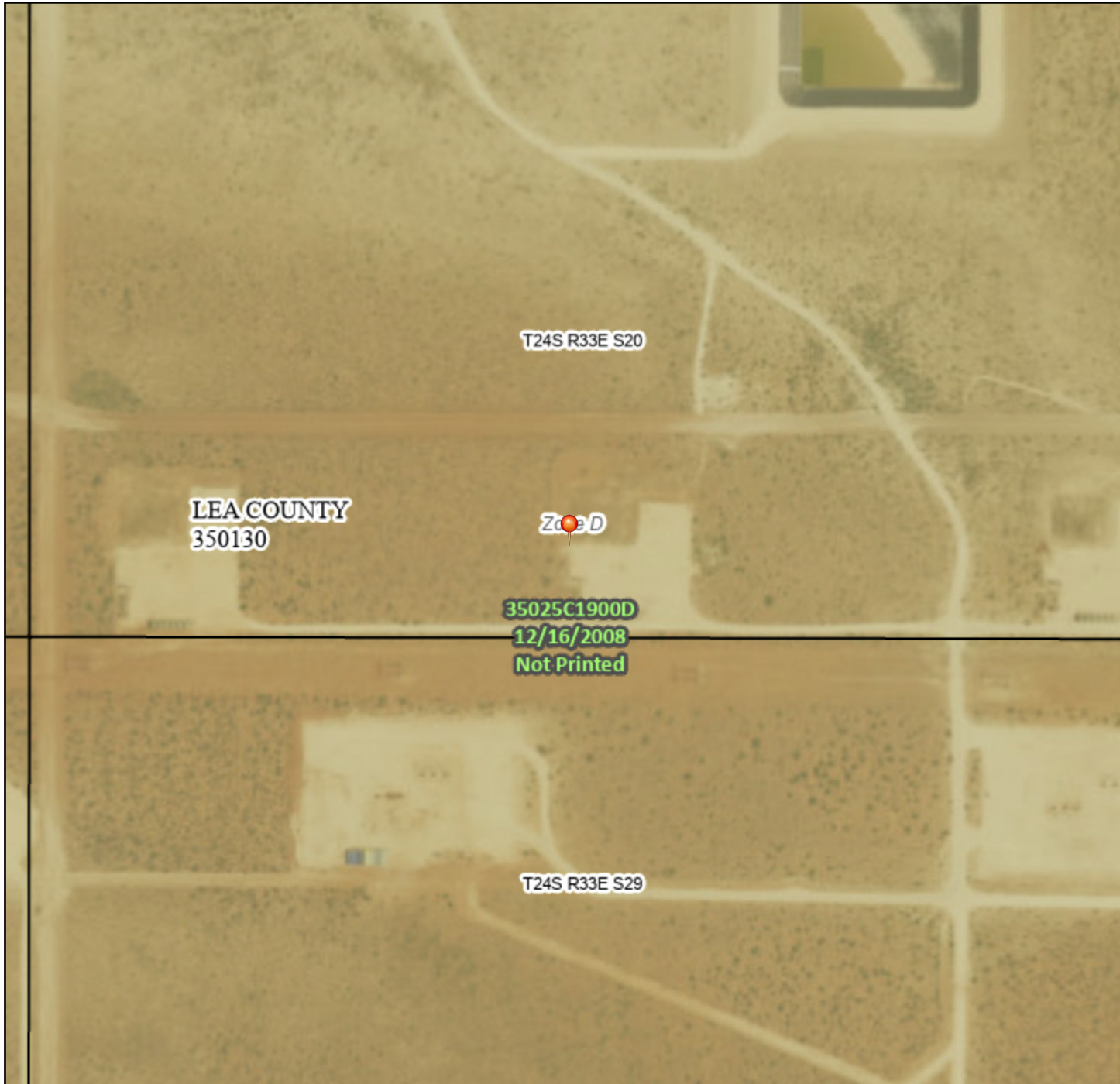
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	7.7	69.2%
PU	Pyote and Maljamar fine sands	3.4	30.8%
Totals for Area of Interest		11.1	100.0%

National Flood Hazard Layer FIRMMette



103°36'11"W 32°12'3"N



Legend

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

SPECIAL FLOOD HAZARD AREAS

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

OTHER AREAS OF FLOOD HAZARD

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

OTHER AREAS

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

GENERAL STRUCTURES

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

OTHER FEATURES

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

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/4/2022 at 4:14 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TAP ROCK

BETTIS 20 STATE COM #4
KARST MAP

Legend

-  BETTIS
-  High
-  Low
-  Medium




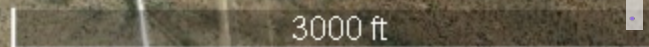
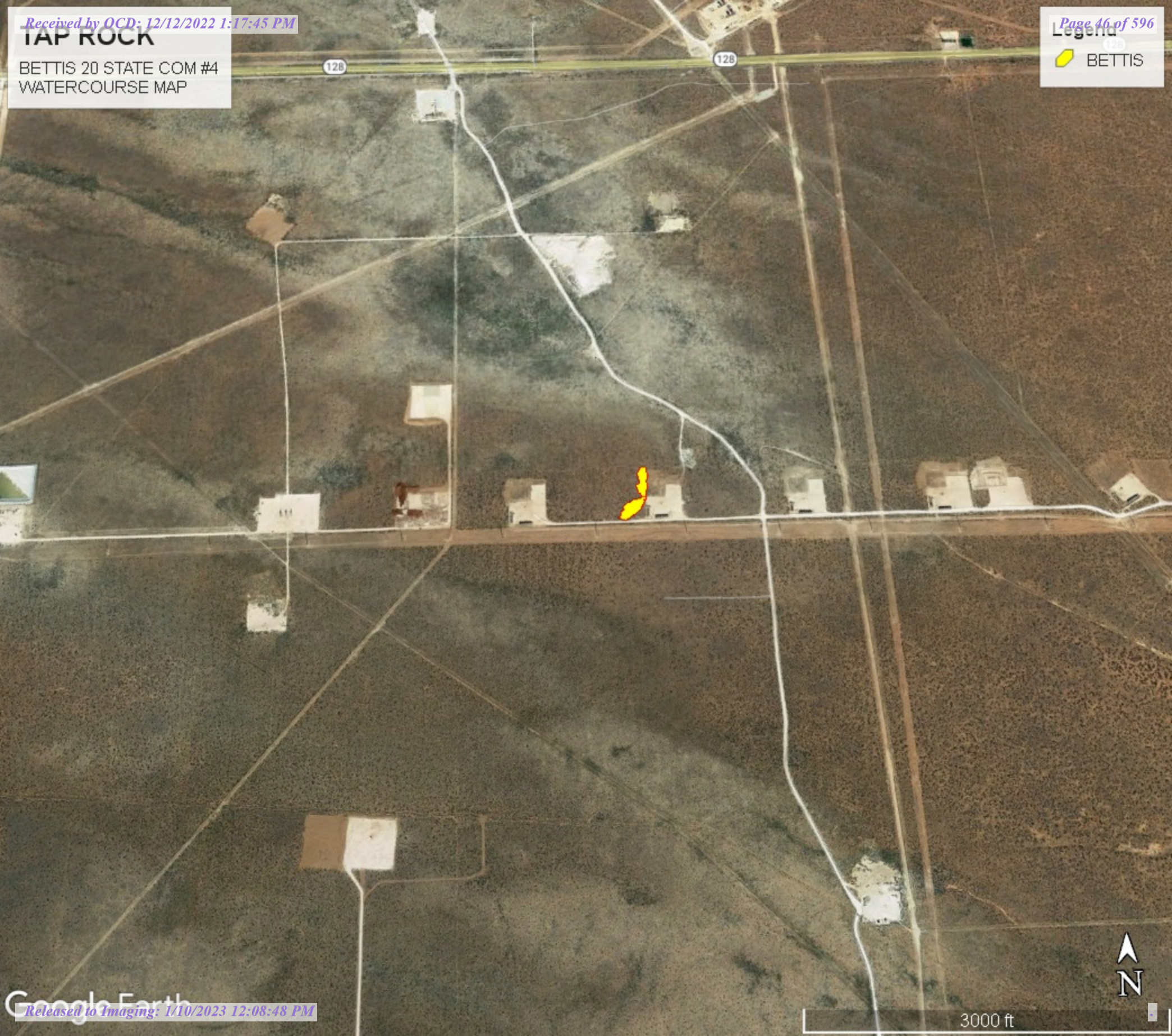
3000 ft

TAP ROCK

BETTIS 20 STATE COM #4
WATERCOURSE MAP

Legend

 BETTIS





New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 632155.29

Northing (Y): 3563089.1

Radius: 1000

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

12/4/22 1:38 PM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q q q	64	16	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04622 POD1		CUB	LE		3	3	4	24	24S	32E	629436	3563006	2720	06/07/2022	06/07/2022	06/16/2022			JACKIE ATKINS	1249	
C 03565 POD3		CUB	LE		3	4	08	24S	33E		632763	3566546	3510	09/27/2012	10/21/2012	12/11/2012		1533	STEWART, PHILLIP D. (LD)	331	
C 03565 POD8		CUB	LE		4	1	15	24S	33E		635485	3565610	4176			04/02/2013					
C 04339 POD1		CUB	LE		1	3	23	24S	33E		636525	3563309	4375	08/01/2019	08/02/2019	08/22/2019	47		CURRIE, SHANEG..TY"ENER	1575	
C 04339 POD8		CUB	LE		1	1	23	24S	33E		636519	3563681	4403	07/31/2019	07/31/2019	08/22/2019	30		CURRIE, SHANEG..TY"ENER	1575	
C 04339 POD7		CUB	LE		4	4	23	24S	33E		636473	3564011	4415	07/31/2019	07/31/2019	08/22/2019	43		CURRIE, SHANEG..TY"ENER	1575	
C 03600 POD4		CUB	LE	Shallow	3	3	1	26	24S	33E	636617	3562293	4532	01/08/2013	01/08/2013	01/30/2013			RODNEY HAMMER	1186	
C 04339 POD2		CUB	LE		2	3	23	24S	33E		636789	3563315	4639	08/06/2019	08/06/2019	08/22/2019			CURRIE, SHANEG..TY"ENER	1575	
C 03565 POD9		CUB	LE		4	4	15	24S	33E		636430	3565005	4684			04/02/2013					
C 03600 POD7		CUB	LE	Shallow	3	1	3	26	24S	33E	636726	3561968	4706	01/08/2013	01/09/2013	01/30/2013			RODNEY HAMMER	1186	

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 632155.29

Northing (Y): 3563089.1

Radius: 5000

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12/4/22 1:39 PM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64 Q16 Q4	Sec	Tws	Rng	X	Y
C	03565 POD3	3 4	08	24S	33E	632763	3566546

Driller License: 331	Driller Company: SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.	
Driller Name: STEWART, PHILLIP D. (LD)		
Drill Start Date: 09/27/2012	Drill Finish Date: 10/21/2012	Plug Date:
Log File Date: 12/11/2012	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 8.90	Depth Well:	Depth Water: 1533 feet

Water Bearing Stratifications:	Top	Bottom	Description
	0	20	Other/Unknown
	20	55	Sandstone/Gravel/Conglomerate
	55	1227	Shale/Mudstone/Siltstone
	1227	1262	Other/Unknown
	1262	1295	Other/Unknown
	1295	1310	Other/Unknown
	1310	1330	Other/Unknown
	1330	1375	Other/Unknown
	1479	1489	Other/Unknown
	1489	1533	Other/Unknown

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)		
		(quarters are smallest to largest)		(NAD83 UTM in meters)
Well Tag	POD Number	Q64 Q16 Q4	Sec Tws Rng	X Y
C	03565 POD8	4 1 15	24S 33E	635485 3565610

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

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)		
		(quarters are smallest to largest)	(NAD83 UTM in meters)	
Well Tag	POD Number	Q64 Q16 Q4	Sec Tws Rng	X Y
C 03600	POD4	3 3 1	26 24S 33E	636617 3562293

Driller License: 1186	Driller Company: ENVIRO-DRILL, INC.		
Driller Name: RODNEY HAMMER			
Drill Start Date: 01/08/2013	Drill Finish Date: 01/08/2013	Plug Date:	
Log File Date: 01/30/2013	PCW Rcv Date:	Source: Shallow	
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well:	Depth Water:	

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04339 POD1	1	3	3	23	24S	33E	636525	3563309

Driller License: 1575	Driller Company: CURRIE DRILLING COMPANY, INC		
Driller Name: CURRIE, SHANEG..TY"ENER			
Drill Start Date: 08/01/2019	Drill Finish Date: 08/02/2019	Plug Date: 08/02/2019	
Log File Date: 08/22/2019	PCW Rcv Date:	Source:	
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well: 47 feet	Depth Water:	

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)		
		(quarters are smallest to largest)		(NAD83 UTM in meters)
Well Tag	POD Number	Q64 Q16 Q4	Sec Tws Rng	X Y
NA	C 04339 POD7	4 4 2	23 24S 33E	636473 3564011

Driller License: 1575	Driller Company: CURRIE DRILLING COMPANY, INC		
Driller Name: CURRIE, SHANEG..TY"ENER			
Drill Start Date: 07/31/2019	Drill Finish Date: 07/31/2019	Plug Date:	07/31/2019
Log File Date: 08/22/2019	PCW Rcv Date:	Source:	
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well: 43 feet	Depth Water:	

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04339 POD8	1	1	3	23	24S	33E	636519	3563681

Driller License: 1575	Driller Company: CURRIE DRILLING COMPANY, INC		
Driller Name: CURRIE, SHANEG..TY"ENER			
Drill Start Date: 07/31/2019	Drill Finish Date: 07/31/2019	Plug Date: 07/31/2019	
Log File Date: 08/22/2019	PCW Rcv Date:	Source:	
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well: 30 feet	Depth Water:	

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New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64 Q16 Q4 Sec Tws Rng	X	Y					
NA	C 04622 POD1	3 3 4 24 24S 32E	629436	3563006					

Driller License: 1249	Driller Company: ATKINS ENGINEERING ASSOC. INC.	
Driller Name: JACKIE ATKINS		
Drill Start Date: 06/07/2022	Drill Finish Date: 06/07/2022	Plug Date:
Log File Date: 06/16/2022	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size:	Depth Well:	Depth Water:










Casing Perforations:	Top	Bottom
	0	55

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TAP ROCK

BETTIS 20 STATE COM #4
GROUNDWATER MAP

Legend

-  BETTIS
-  BETTIS 20 ST COM #4
-  C03565 POD3 - 3510 YARDS FROM SITE - 1533' DGW
-  C03565 POD8 - 4176 YRDS FROM SITE - NO GW
-  C03600 POD4 - 4532 YARDS FROM SITE - NO GW
-  C04339 POD1 4375 YARDS FROM SITE, NO GW DATA
-  C04339 POD7 - 4415 YARDS FROM SITE, NO GW DATA
-  C04339 POD8 - 4403 YARDS FROM SITE, NO GW DATA
-  C04622 POD1 - 2720 YDS FROM SITE - NO GW

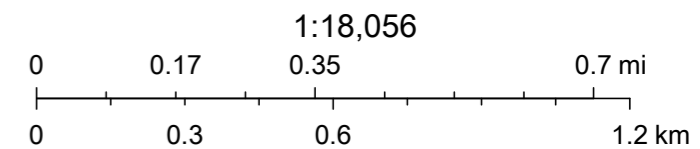


OSE POD Locations Map



12/4/2022, 2:07:17 PM

- OSE District Boundary
- New Mexico State Trust Lands
- Water Right Regulations
- Both Estates
- Closure Area
- Site Boundaries



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

Company Name: TAPROCK Location Name: BETTIS 20 FED #4 Release Date: 2/26/2022

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURF	>4000	H	12.1	142	13500	4990	18632	10400		
	1	4800	H								
	3	1500	L								
	5	580	ND								
	7	20	ND	ND	ND	ND	ND	ND	ND		
SP2	SURF	740	H	0.0736	ND	447	248	695	701		
	1	680	H								
	3	200	L								
	5	20	ND	ND	ND	ND	ND	ND	ND		
SP3	SURF	1520	H	224	2230	21600	4980	28810	2040		
	2	1240	H								
	4	80	L								
	6	80	ND	ND	ND	ND	ND	ND	ND		
SP4	SURF	420	H	121	1190	15200	3400	19790	446		
	2	600	H								
	4	180	H								
	6	240	M								
	8	100	L								
	10	20	ND	ND	ND	ND	ND	ND	20.6		
SP5	SURF	240	L	0.131	ND	180	53.8	233.8	108		
	2	80	ND								
	4	80	ND	ND	ND	ND	ND	ND	66		
SP6	SURF	560	L	114	1140	13900	3180	18220	447		
	2	160	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		

SP7	SURF	120	H	0.365	ND	2110	707	2817	112		
	2	160	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP8	SURF	140	H	0.371	ND	1710	517	2227	134		
	2	140	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		
SP9	SURF	120	H	0.131	ND	547	194	741	101		
	2	80	ND								
	4	40	ND	ND	ND	ND	ND	ND	ND		
SP10	SURF	160	H	0.237	ND	2500	812	3312	135		
	2	160	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		
SP11	SURF	400	H	2.12	43	4680	1300	6023	388		
	2	80	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		
SP12	SURF	60	L	ND	ND	150	ND	150	36.2		
	2	80	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		
SP13	SURF	600	H	1.2	31	5790	1710	7531	576		
	2	620	H								
	4	20	L	ND	ND	62.2	ND	62.2	ND		
	6	20	ND								
	8	ND	ND	ND	ND	ND	ND	ND	ND		
SP14	SURF	200	H	ND	ND	1020	356	1406	144		
	1	140	M								
	2	80	L								
	4	80	ND	ND	ND	ND	ND	ND	ND		

SP15	SURF	60	ND	ND	ND	ND	ND	ND	ND		
	1	40	ND								
	2	40	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		

SP16	SURF	20	L	ND	ND	37	ND	37	ND		
	1	80	L								
	2	80	ND								
	4	80	ND	ND	ND	ND	ND	ND	ND		

SP17	SURF	40	L	ND	ND	142	ND	142	ND		
	1	40	L								
	2	20	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		

SP18	SURF	40	M	ND	ND	290	107	397	36.8		
	1	80	L								
	2	80	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		

SP19	SURF	60	L	ND	ND	75.8	ND	75.8	ND		
	1	80	L								
	2	80	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		

SP20	SURF	140	H	ND	ND	855	276	1131	99.7		
	1	100	M								
	2	80	L								
	4	20	L	ND	ND	ND	ND	ND	ND		

SP21	SURF	20	L	ND	ND	227	62.1	289.1	ND		
	1	100	L								
	2	80	ND								

	4	20	ND	ND	ND	ND	ND	ND	ND		
SP22	SURF	100	M	ND	ND	394	119	513	50.8		
	1	80	L								
	2	80	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP23	SURF	20	ND	ND	ND	ND	ND	ND	ND		
	1	640	ND								
	2	400	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP24	SURF	160	H	4.62	ND	2040	641	2681	131		
	1	80	M								
	2	80	L								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP25	SURF	80	M	ND	ND	249	53.7	302.7	51		
	1	80	L								
	2	40	ND								
	4	20	ND	ND	ND	ND	ND	ND	ND		
SP26	SURF	20	L	ND	ND	122	ND	122	22.2		
	1	20	L								
	2	20	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP27	SURF	80	L	ND	ND	147	ND	147	20		
	1	80	L								
	2	80	ND								
	4	80	ND	ND	ND	ND	ND	ND	ND		
SP28	SURF	40	L	ND	ND	111	ND	111	32.9		
	1	20	L								

	2	40	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP29	SURF	20	L	ND	ND	134	ND	134	25.4		
	1	20	ND								
	2	20	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SP30	SURF	40	L	ND	ND	130	ND	130	25.5		
	1	20	L								
	2	20	ND								
	4	ND	ND	ND	ND	ND	ND	ND	ND		
SW1	SURF	340	H	ND	ND	1700	1080	2780	329		
	1	80	ND								
	2	20	ND	ND	ND	ND	ND	ND	26.5		
SW2	SURF	ND	L	ND	ND	180	185	365	ND		
	1	ND	ND								
	2	ND	ND	ND	ND	ND	ND	ND	ND		
SW3	SURF	20	ND	ND	ND	ND	ND	ND	ND		
	1	20	ND								
	2	20	ND	ND	ND	ND	ND	ND	ND		
SW4	SURF	20	L	ND	ND	44	ND	44	ND		
	1	20	ND								
	2	ND	ND	ND	ND	ND	ND	ND	ND		
SW5	SURF	20	L	ND	ND	138	93.2	231.2	ND		
	1	20	ND								
	2	ND	ND	ND	ND	ND	ND	ND	ND		
SW6	SURF	20	L	ND	ND	100	73.7	173.7	ND		



	1	20	ND								
	2	ND	ND	ND	ND	ND	ND	ND	ND		
SW7	SURF	20	ND	ND	ND	ND	ND	ND	ND		
	1	20	ND								
	2	20	ND	ND	ND	ND	ND	ND	ND		
SW8	SURF	20	ND	ND	ND	ND	ND	ND	ND		
	1	20	ND								
	2	20	ND	ND	ND	ND	ND	ND	ND		
SW9	SURF	20	L	ND	ND	92.7	91	183.7	ND		
	1	20	ND								
	2	20	ND	ND	ND	ND	ND	ND	ND		
SW10	SURF	20	L	ND	ND	37.9	ND	37.9	ND		
	1	20	L								
	2	ND	L	ND	ND	ND	ND	ND	ND		
SW11	SURF	ND	L	ND	ND	29.7	ND	29.7	ND		
	1	ND	L								
	2	ND	L	ND	ND	ND	ND	ND	ND		
SW12	SURF	40	L	ND	ND	183	108	291	30.5		
	1	20	ND								
	2	ND	ND	ND	ND	ND	ND	ND	ND		

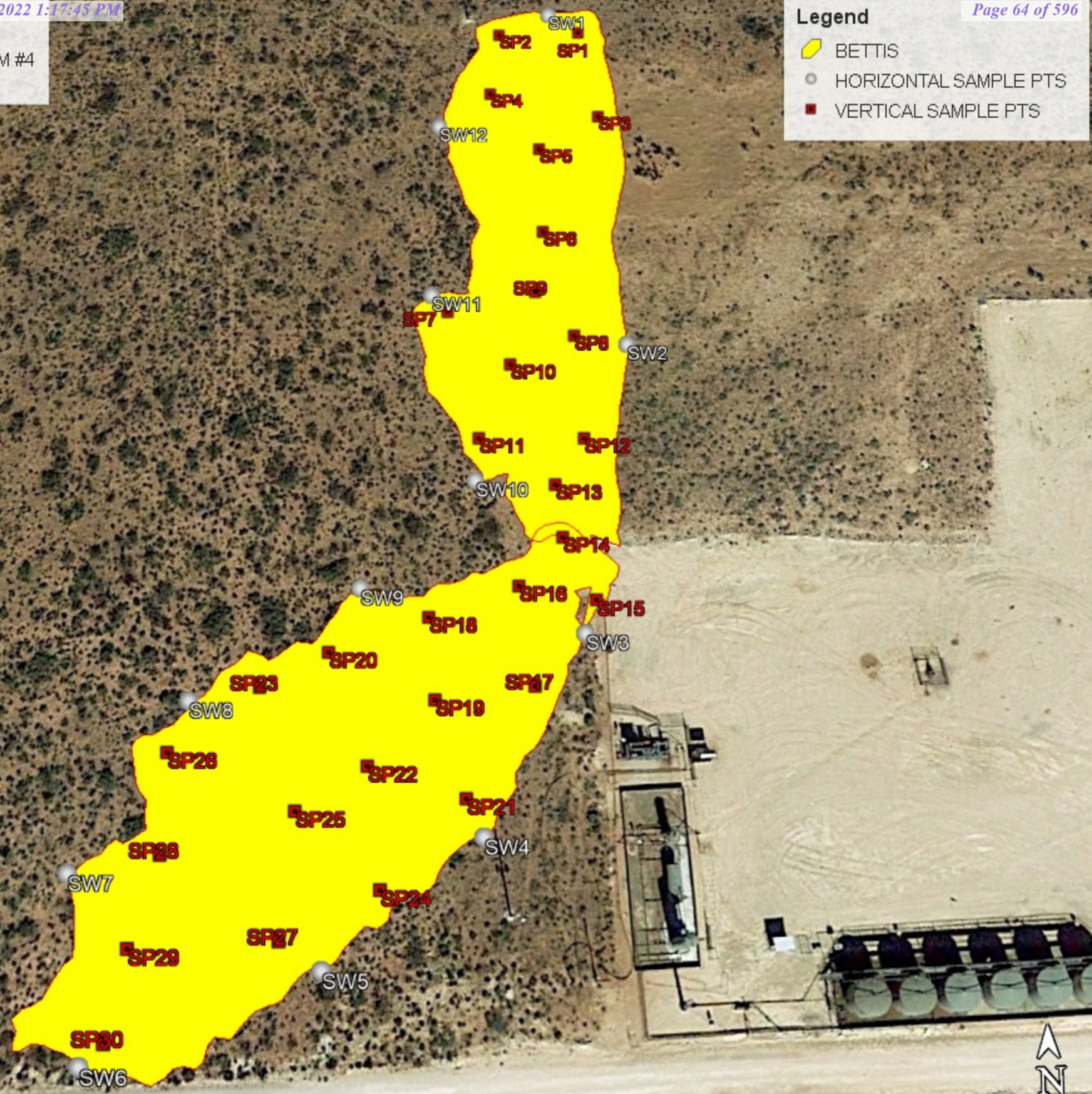
TAP ROCK

BETTIS 20 STATE COM #4
DELINEATION MAP

Page 64 of 596

Legend

-  BETTIS
-  HORIZONTAL SAMPLE PTS
-  VERTICAL SAMPLE PTS



CLIENTS TAPROCK

LOCATION BETTIS 20 STATE COM #4

DELINEATION SAMPE GPS SHEET

SAMPLE ID	LAT	LONG
SP1	32.19742	-103.597916
SP2	32.197421	-103.598053
SP3	32.197278	-103.597893
SP4	32.19732	-103.598074
SP5	32.197225	-103.597997
SP6	32.197093	-103.598000
SP7	32.196974	-103.598162
SP8	32.196934	-103.597961
SP9	32.197	-103.598019
SP10	32.196893	-103.598066
SP11	32.196789	-103.598121
SP12	32.196785	-103.597957
SP13	32.196721	-103.598007
SP14	32.196649	-103.598001
SP15	32.196565	-103.597956
SP16	32.196586	-103.598071
SP17	32.196056	-103.598056
SP18	32.196549	-103.598209
SP19	32.196444	-103.598204
SP20	32.196509	-103.598359
SP21	32.196322	-103.598164
SP22	32.196366	-103.598304
SP23	32.196467	-103.59846
SP24	32.19622	-103.598289
SP25	32.196315	-103.598409
SP26	32.196391	-103.598593
SP27	32.196167	-103.598431
SP28	32.19627	-103.598599
SP29	32.196165	-103.59864
SP30	32.196063	-103.598666
SW1	32.197451	-103.597966
SW2	32.196919	-103.597876
SW3	32.19652	-103.597977
SW4	32.196275	-103.598141
SW5	32.196131	-103.598372
SW6	32.196038	-103.598698
SW7	32.196251	-103.598728
SW8	32.196452	-103.598564
SW9	32.196588	-103.598311
SW10	32.196728	-103.59813
SW11	32.196998	-103.598187
SW12	32.197266	-103.598164

Natalie Gladden

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Monday, May 23, 2022 11:26 AM
To: Natalie Gladden
Subject: RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #004H - Remediation Extension

Natalie

Incident No. NAPP2205753600

Your request for an extension to **August 26, 2022** is approved to submit a closure report. Please include this e-mail correspondence in the remediation and/or closure report.

Thanks,
Jennifer Nobui

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Monday, May 23, 2022 10:07 AM
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] Tap Rock - Bettis 20 State Com #004H - Remediation Extension
Importance: High

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

All,

Please find this email as the extension request for the following site:

Bettis 20 State Com #004H
API No. 30-025-41438
Legals: U/L N, Section 20, Township 24S, Range 33E
DOR: 02/26/22

This site needs to be delineated and remediated. Thank you for your time and assistance in this matter.

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](#)
To: [ocdonline, emnrd, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Nobui, Jennifer, EMNRD](#)
Cc: ["Bill Ramsey"](#); [Christian Combs](#); [Dakoatah Montanez](#)
Subject: Composite Notifications for Tap Rock - Bettis 20 State Com #4
Date: Thursday, July 7, 2022 5:42:00 PM
Attachments: [image001.png](#)
Importance: High

All,

Please use this email notification for the composite sampling event for the Bettis 20 State Com #4 for Tap Rock Resources. Incident No is nAPP2205753600 for the release that occurred on 2/26/22. Sampling will begin Tuesday morning.

If you have any questions, please feel free to contact me.

Sincerely,

Natalie Gladden

Director of Environmental and Regulatory Services

Energy Staffing Services, LLC.

2724 NW County Road

Hobbs, NM 88240

Cell: 575-390-6397

Office: 575-393-9048

Email: natalie@energystaffingllc.com



Natalie Gladden

From: Natalie Gladden
Sent: Tuesday, July 12, 2022 11:27 AM
To: Christian Combs; 'Bill Ramsey'
Cc: Dakoatah Montanez
Subject: FW: [EXTERNAL] Tap Rock - Bettis 20 State Com #4 - Composite Variance

Approved for 400 Sq. ft.

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: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Tuesday, July 12, 2022 11:25 AM
To: Natalie Gladden <natalie@energystaffingllc.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Subject: RE: [EXTERNAL] Tap Rock - Bettis 20 State Com #4 - Composite Variance

ID NO. NAPP2205753600

Hi Natalie

Your variance has been approved for 400ft2. Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet.

Please include this email in your report.

Thanks
Jennifer Nobui

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Tuesday, July 12, 2022 10:45 AM
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>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>
Cc: 'Bill Ramsey' <bramsey@taprk.com>; Christian Combs <ccombs@taprk.com>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] Tap Rock - Bettis 20 State Com #4 - Composite Variance
Importance: High

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

All,

Please see the attached impact map for the Bettis 20 State Com #4 (spill info below). On behalf of Tap Rock, we would like to request a composite variance. The impact area measures 53,074 sq. ft. of impacted pasture area. With 200 sq. ft. composites, it would require 266 composites as the 500 sq. ft. composite would require 107 composites.

Spill Info:

Release Date: 02/26/22
API NO. 30-025-41438
ID NO. NAPP2205753600

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

Sincerely,

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

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



Company Name: TAPROCK Location Name: BETTIS 20 STATE COM 4 Release Date: 2/26/2022

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
COMP 1	4	80	H	ND	ND	155	98.7	253.7	44.1	SAND	
COMP 1A	5	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 2	4	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 3	8	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 4	8	80	L	ND	ND	37.7	ND	37.7	ND	SAND	
COMP 5	8	80	ND	ND	ND	ND	ND	ND	36.7	SAND	
COMP 6	2	80	H	ND	ND	408	249	657	77	SAND	
COMP 6A	3	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 7	4	80	L	ND	ND	39.2	ND	39.2	43.8	SAND	
COMP 8	4	80	ND	ND	ND	ND	ND	ND	31.7	SAND	
COMP 9	1	80	H	ND	ND	91.4	52.8	144.2	ND	SAND	
COMP 9A	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
COMP 10	1	160	H	ND	ND	165	97.9	262.9	23.7	SAND	
COMP 10A	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
COMP 11	1	160	L	ND	ND	ND	ND	ND	ND	SAND	
COMP 12	1	80	H	ND	ND	86.7	63.2	149.9	32.5	SAND	
COMP 12A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 13	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 14	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 15	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 16	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 17	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 18	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 19	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 20	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 21	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 22	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 23	1	80	H	ND	ND	53.2	ND	53.2	ND	SAND	
COMP 23A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 24	1	80	H	ND	ND	92.5	59.7	152.2	ND	SAND	
COMP 24A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	

COMP 25	1	80	H	ND	ND	103	71.9	104.9	20.5	SAND	
COMP 25A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 26	1	80	H	ND	ND	85.7	63.8	149.5	61.1	SAND	
COMP 26A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 27	1	80	H	ND	ND	113	73.8	186.8	ND	SAND	
COMP 27A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 28	1	80	H	ND	ND	60.2	ND	60.2	ND	SAND	
COMP 28A	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 29	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 30	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 31	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 32	1	80	ND	ND	ND	ND	ND	ND	47.5	SAND	
COMP 33	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 34	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 35	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 36	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 37	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 38	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 39	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 40	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 41	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 42	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 43	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 45	2	80	L	ND	ND	35.9	ND	35.9	ND	SAND	
COMP 46	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 47	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 48	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 49	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 50	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 51	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 52	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 53	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 54	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 55	2	80	H	ND	ND	320	311	631	ND	SAND	

COMP 55A	3	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 56	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 57	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 58	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 59	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 60	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
COMP 61	2	80	ND	ND	ND	ND	ND	ND	80.8	SAND	
COMP 62	2	60	ND	ND	ND	ND	ND	ND	57.7	SAND	
COMP 63	2	60	ND	ND	ND	ND	ND	ND	55.1	SAND	
COMP 64	2	60	ND	ND	ND	ND	ND	ND	57.8	SAND	
COMP 65	2	60	ND	ND	ND	ND	ND	ND	64.6	SAND	
COMP 66	2	80	ND	ND	ND	ND	ND	ND	71	SAND	
COMP 67	2	60	ND	ND	ND	ND	ND	ND	65.5	SAND	
COMP 68	2	80	ND	ND	ND	ND	ND	ND	71.3	SAND	
COMP 69	2	60	ND	ND	ND	ND	ND	ND	71.7	SAND	
COMP 70	2	60	ND	ND	ND	ND	ND	ND	61	SAND	
COMP 71	2	80	ND	ND	ND	ND	ND	ND	70.9	SAND	
COMP 72	2	70	ND	ND	ND	ND	ND	ND	69.1	SAND	
COMP 73	2	60	ND	ND	ND	ND	ND	ND	66	SAND	
COMP 74	2	60	ND	ND	ND	ND	ND	ND	67.6	SAND	
COMP 75	2	60	ND	ND	ND	ND	ND	ND	68	SAND	
COMP 76	2	80	ND	ND	ND	ND	ND	ND	70.7	SAND	
COMP 77	2	60	ND	ND	ND	ND	ND	ND	67.7	SAND	
COMP 78	2	60	ND	ND	ND	ND	ND	ND	62.4	SAND	
COMP 79	2	60	ND	ND	ND	ND	ND	ND	66.7	SAND	
COMP 80	2	60	ND	ND	ND	ND	ND	ND	56.8	SAND	
COMP 81	2	60	ND	ND	ND	ND	ND	ND	64.1	SAND	
COMP 82	2	60	ND	ND	ND	ND	ND	ND	63.4	SAND	
COMP 83	2	80	ND	ND	ND	ND	ND	ND	69.3	SAND	
COMP 84	2	60	ND	ND	ND	ND	ND	ND	68.8	SAND	
COMP 85	2	60	ND	ND	ND	ND	ND	ND	56.2	SAND	
COMP 86	2	40	ND	ND	ND	ND	ND	ND	47.4	SAND	
COMP 87	2	60	ND	ND	ND	ND	ND	ND	55.7	SAND	
COMP 88	2	60	ND	ND	ND	ND	ND	ND	56.7	SAND	

COMP 89	2	60	ND	ND	ND	ND	ND	ND	54.2	SAND	
COMP 90	2	60	ND	ND	ND	ND	ND	ND	55.2	SAND	
COMP 91	2	60	ND	ND	ND	ND	ND	ND	55.9	SAND	
COMP 92	2	60	ND	ND	ND	ND	ND	ND	53.7	SAND	
COMP 93	2	60	ND	ND	ND	ND	ND	ND	58.3	SAND	
COMP 94	2	40	ND	ND	ND	ND	ND	ND	49	SAND	
COMP 95	2	60	ND	ND	ND	ND	ND	ND	59	SAND	
COMP 96	2	60	ND	ND	ND	ND	ND	ND	52.4	SAND	
COMP 97	2	60	ND	ND	ND	ND	ND	ND	55.8	SAND	
COMP 98	2	60	ND	ND	ND	ND	ND	ND	50.6	SAND	
COMP 99	2	40	ND	ND	ND	ND	ND	ND	49.5	SAND	
COMP 100	2	40	ND	ND	ND	ND	ND	ND	52.8	SAND	
COMP 101	2	60	ND	ND	ND	ND	ND	ND	55.9	SAND	
COMP 102	2	40	ND	ND	ND	ND	ND	ND	48.3	SAND	
COMP 103	2	60	ND	ND	ND	ND	ND	ND	55.3	SAND	
COMP 104	2	40	ND	ND	ND	ND	ND	ND	35	SAND	
COMP 105	2	80	ND	ND	ND	ND	ND	ND	70.3	SAND	
COMP 106	2	40	ND	ND	ND	ND	ND	ND	44.9	SAND	
COMP 107	2	40	ND	ND	ND	ND	ND	ND	48.6	SAND	
COMP 108	2	60	ND	ND	ND	ND	ND	ND	55.2	SAND	
COMP 109	2	60	ND	ND	ND	ND	ND	ND	56.3	SAND	
COMP 110	2	80	ND	ND	ND	ND	ND	ND	71.2	SAND	
COMP 111	2	80	ND	ND	ND	ND	ND	ND	70.1	SAND	
COMP 112	2	80	ND	ND	ND	ND	ND	ND	70.5	SAND	
COMP 113	2	60	ND	ND	ND	ND	ND	ND	66.7	SAND	
COMP 114	2	80	ND	ND	ND	ND	ND	ND	67.9	SAND	
COMP 115	2	60	ND	ND	ND	ND	ND	ND	67.2	SAND	
COMP 116	2	80	ND	ND	ND	ND	ND	ND	69.1	SAND	
COMP 117	2	60	ND	ND	ND	ND	ND	ND	60	SAND	
COMP 118	2	60	ND	ND	ND	ND	ND	ND	53.8	SAND	
COMP 119	2	60	ND	ND	ND	ND	ND	ND	55	SAND	
COMP 120	2	40	ND	ND	ND	ND	ND	ND	31.2	SAND	
COMP 121	2	40	ND	ND	ND	ND	ND	ND	29.5	SAND	
COMP 122	2	40	ND	ND	ND	ND	ND	ND	33.4	SAND	

COMP 123	2	40	ND	ND	ND	ND	ND	ND	43.8	SAND	
COMP 124	2	40	ND	ND	ND	ND	ND	ND	40.1	SAND	
COMP 125	2	20	ND	ND	ND	ND	ND	ND	25.4	SAND	
COMP 126	2	20	ND	ND	ND	ND	ND	ND	24.8	SAND	
COMP 127	2	20	ND	ND	ND	ND	ND	ND	20	SAND	
COMP 128	2	20	ND	ND	ND	ND	ND	ND	20.5	SAND	
COMP 129	2	20	ND	ND	ND	ND	ND	ND	26.5	SAND	
COMP 130	2	20	ND	ND	ND	ND	ND	ND	24.2	SAND	
COMP 131	2	20	ND	ND	ND	ND	ND	ND	23.3	SAND	
COMP 132	2	20	ND	ND	ND	ND	ND	ND	28.6	SAND	
COMP 133	2	60	ND	ND	ND	ND	ND	ND	54.7	SAND	
SWC 1	1	80	L	ND	ND	29.9	ND	29.9	ND	SAND	
SWC 2	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 3	1	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 4	2	80	H	ND	ND	101	133	234	26.9	SAND	
SWC 4A	3	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 5	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 6	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 7	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 8	2	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 9	4	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 10	4	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 11	8	80	ND	ND	ND	ND	ND	ND	76.9	SAND	
SWC 11	8	60	ND	ND	ND	ND	ND	ND	50.6	SAND	DUPLICATE
SWC 12	2	40	ND	ND	ND	ND	ND	ND	35.6	SAND	
SWC 13	2	60	ND	ND	ND	ND	ND	ND	58.9	SAND	
SWC 14	2	60	ND	ND	ND	ND	ND	ND	60.2	SAND	
SWC 15	2	60	ND	ND	ND	ND	ND	ND	52.1	SAND	
SWC 16	2	40	ND	ND	ND	ND	ND	ND	51.8	SAND	
SWC 17	2	20	ND	ND	ND	ND	ND	ND	24.9	SAND	
SWC 18	2	60	ND	ND	ND	ND	ND	ND	60	SAND	
SWC 19	2	40	ND	ND	ND	ND	ND	ND	48.5	SAND	
SWC 20	2	20	ND	ND	ND	ND	ND	ND	22.4	SAND	
SWC 21	2	20	ND	ND	ND	ND	ND	ND	24.3	SAND	

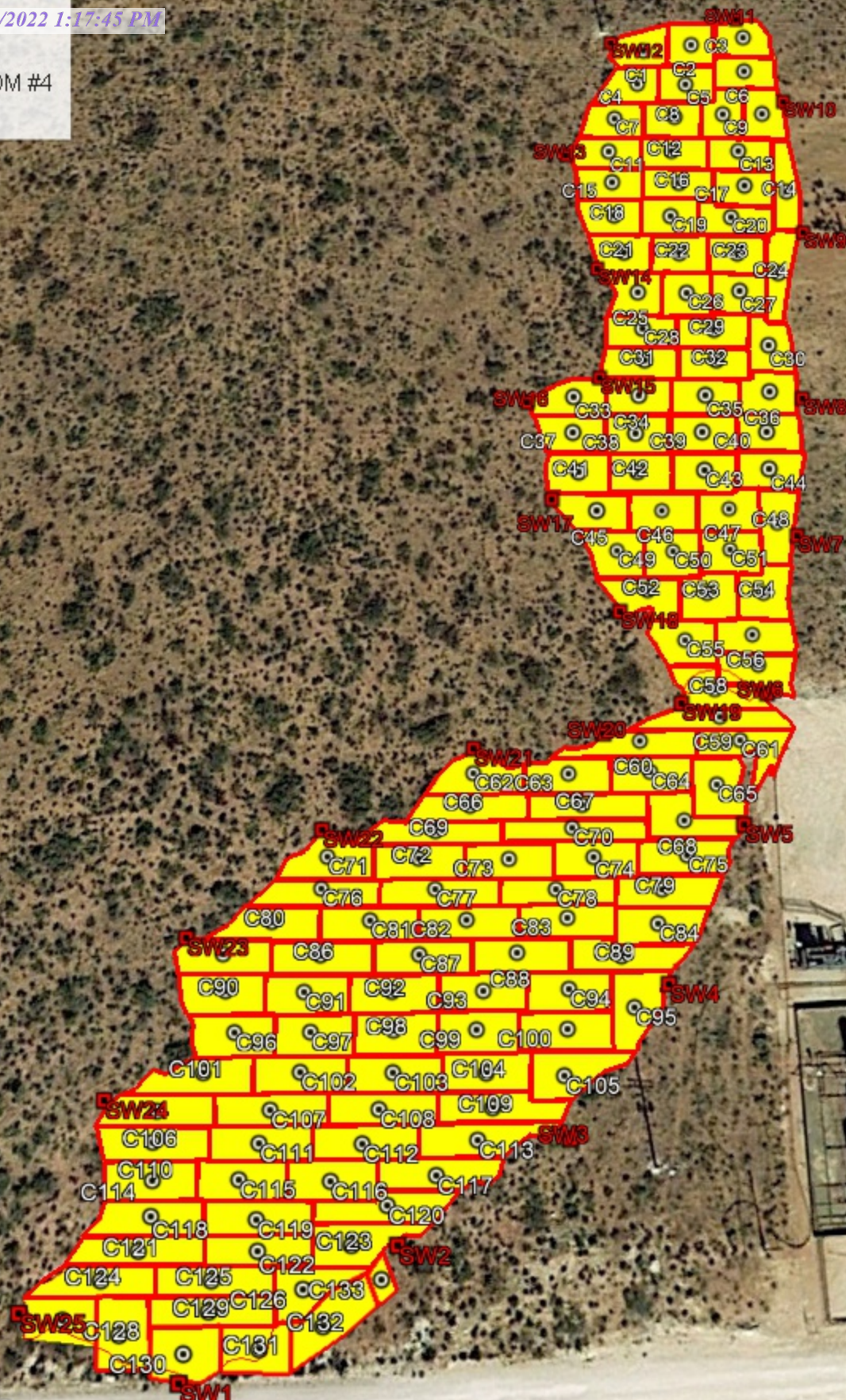
SWC 22	2	80	ND	ND	ND	ND	ND	ND	70.7	SAND	
SWC 23	2	ND	ND	ND	ND	ND	ND	ND	ND	SAND	
SWC 24	2	40	ND	ND	ND	ND	ND	ND	47.5	SAND	
SWC 25	2	60	ND	ND	ND	ND	ND	ND	60	SAND	

TAP ROCK

BETTIS 20 STATE COM #4
COMPOSITE MAP

Legend

- BTM HOLE COMPOSITE SAMPLE PTS
- EXCAVATION AREA
- SIDEWALL COMPOSITE SAMPLE PTS



100 ft

CLIENTS TAPROCK
 LOCATION BETTIS 20 STATE COM #4
 COMPOSITE GPS SHEET

SAMPLE ID	LAT	LONG
COMP 1A	32.197422	-103.59805
COMP 2	32.197427	-103.597984
COMP 3	32.197435	-103.597912
COMP 4	32.197377	-103.598061
COMP 5	32.197374	-103.597996
COMP 6A	32.197389	-103.597914
COMP 7	32.197331	-103.598094
COMP 8	32.19733	-103.598013
COMP 9A	32.197332	-103.597948
COMP 10A	32.197332	-103.597894
COMP 11	32.197287	-103.598104
COMP 12A	32.197285	-103.59802
COMP 13	32.197283	-103.597931
COMP 14	32.19723	-103.59787
COMP 15	32.197247	-103.598102
COMP 16	32.197242	-103.598013
COMP 17	32.197238	-103.597926
COMP 18	32.197203	-103.598102
COMP 19	32.1972	-103.598027
COMP 20	32.197197	-103.597947
COMP 21	32.196933	-103.598203
COMP 22	32.197152	-103.598019
COMP 23A	32.197151	-103.597942
COMP 24A	32.197127	-103.59789
COMP 25A	32.197105	-103.598076
COMP 26A	32.197102	-103.598012
COMP 27A	32.197104	-103.597943
COMP 28A	32.19706	-103.598072
COMP 29	32.197056	-103.59798
COMP 30	32.197038	-103.59791
COMP 31	32.197022	-103.598072
COMP 32	32.197019	-103.59798
COMP 33	32.19698	-103.598165
COMP 34	32.19698	-103.598082
COMP 35	32.196977	-103.597997
COMP 36	32.196987	-103.597914
COMP 37	32.196938	-103.598167
COMP 38	32.196935	-103.598088
COMP 39	32.196934	-103.598004
COMP 40	32.196934	-103.597921
COMP 41	32.196892	-103.598162
COMP 42	32.19689	-103.598088

COMP 43	32.19689	-103.598004
COMP 44	32.196891	-103.597922
COMP 45	32.196847	-103.598142
COMP 46	32.196845	-103.598061
COMP 47	32.196845	-103.597977
COMP 48	32.196829	-103.597917
COMP 49	32.196802	-103.598119
COMP 50	32.196799	-103.59805
COMP 51	32.196799	-103.597979
COMP 52	32.196756	-103.598084
COMP 53	32.196751	-103.598011
COMP 54	32.196751	-103.597941
COMP 55A	32.196701	-103.598042
COMP 56	32.196705	-103.597959
COMP 57	32.196672	-103.597954
COMP 58	32.196647	-103.598009
COMP 59	32.196618	-103.598006
COMP 60	32.196596	-103.598102
COMP 61	32.196593	-103.597983
COMP 62	32.196568	-103.598301
COMP 63	32.196564	-103.598189
COMP 64	32.196563	-103.598092
COMP 65	32.196548	-103.598014
COMP 66	32.196535	-103.598306
COMP 67	32.196532	-103.598174
COMP 68	32.196512	-103.598055
COMP 69	32.196511	-103.598347
COMP 70	32.196509	-103.598187
COMP 71	32.196489	-103.598472
COMP 72	32.196484	-103.598367
COMP 73	32.19648	-103.598262
COMP 74	32.196479	-103.598163
COMP 75	32.196477	-103.598054
COMP 76	32.196457	-103.598479
COMP 77	32.196453	-103.598348
COMP 78	32.196449	-103.598208
COMP 79	32.196444	-103.598086
COMP 80	32.196426	-103.598535
COMP 81	32.196425	-103.598423
COMP 82	32.196422	-103.598312
COMP 83	32.19642	-103.598196
COMP 84	32.196411	-103.598092
COMP 85	32.196397	-103.59859
COMP 86	32.196393	-103.598479
COMP 87	32.19639	-103.598367
COMP 88	32.196388	-103.598255
COMP 89	32.196381	-103.598136

COMP 90	32.196362	-103.598586
COMP 91	32.196358	-103.598497
COMP 92	32.196355	-103.598398
COMP 93	32.196353	-103.598294
COMP 94	32.196352	-103.598197
COMP 95	32.196332	-103.598124
COMP 96	32.196322	-103.598575
COMP 97	32.19632	-103.59849
COMP 98	32.196319	-103.598396
COMP 99	32.196317	-103.598303
COMP 100	32.196314	-103.5982
COMP 101	32.196286	-103.598608
COMP 102	32.196283	-103.5985
COMP 103	32.19628	-103.598397
COMP 104	32.196276	-103.598293
COMP 105	32.196271	-103.598206
COMP 106	32.196253	-103.598688
COMP 107	32.19625	-103.598533
COMP 108	32.196247	-103.598412
COMP 109	32.196244	-103.598286
COMP 110	32.196225	-103.598661
COMP 111	32.19622	103.598545
COMP 112	32.196216	-103.598431
COMP 113	32.196216	-103.598303
COMP 114	32.196191	-103.59866
COMP 115	32.196188	-103.598566
COMP 116	32.196184	-103.598465
COMP 117	32.196186	-103.598349
COMP 118	32.196159	-103.59866
COMP 119	32.196153	-103.598545
COMP 120	32.196161	-103.598403
COMP 121	32.196129	-103.598672
COMP 122	32.196125	-103.598543
COMP 123	32.196127	-103.598442
COMP 124	32.196105	-103.59871
COMP 125	32.196102	-103.598592
COMP 126	32.196091	-103.598493
COMP 127	32.196073	-103.598748
COMP 128	32.196059	-103.598688
COMP 129	32.196075	-103.598594
COMP 130	32.196041	-103.598619
COMP 131	32.196042	-103.598539
COMP 132	32.19606	-103.598471
COMP 133	32.196097	-103.598409
SWC 1	32.196017	-103.598622
SWC 2	32.196126	-103.598392
SWC 3	32.196214	-103.598201

SWC 4A	32.196353	-103.598084
SWC 5	32.196506	-103.597985
SWC 6	32.196642	-103.597946
SWC 7	32.196815	-103.597893
SWC 8	32.196975	-103.597872
SWC 9	32.197179	-103.597852
SWC 10	32.197348	-103.597864
SWC 11	32.197461	-103.59792
SWC 12	32.197435	-103.598095
SWC 13	32.197285	-103.598162
SWC 14	32.197137	-103.598127
SWC 15	32.197003	-103.598131
SWC 16	32.196975	-103.598224
SWC 17	32.196862	-103.598197
SWC 18	32.196734	-103.598119
SWC 19	32.196633	-103.598051
SWC 20	32.196605	-103.598145
SWC 21	32.196594	-103.598301
SWC 22	32.196516	-103.598479
SWC 23	32.196414	-103.598632
SWC 24	32.196264	-103.598717
SWC 25	32.19608	-103.598795

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: BETTIS 20 STATE Com 4 H

Work Order: E203011

Job Number: 20046-0001

Received: 3/2/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/3/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/3/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: BETTIS 20 STATE Com 4 H
Workorder: E203011
Date Received: 3/2/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/2/2022 10:15:00AM, under the Project Name: BETTIS 20 STATE Com 4 H.

The analytical test results summarized in this report with the Project Name: BETTIS 20 STATE Com 4 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 03/03/22 15:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 1 - Surf	E203011-01A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 2 - Surf	E203011-02A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 3 - Surf	E203011-03A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 4 - Surf	E203011-04A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 5 - Surf	E203011-05A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 6 - Surf	E203011-06A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 7 - Surf	E203011-07A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 8 - Surf	E203011-08A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 9 - Surf	E203011-09A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 10 - Surf	E203011-10A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 11 - Surf	E203011-11A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 12 - Surf	E203011-12A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 13 - Surf	E203011-13A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 14 - Surf	E203011-14A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 15 - Surf	E203011-15A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 16 - Surf	E203011-16A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 17 - Surf	E203011-17A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.
SP 18 - Surf	E203011-18A	Soil	02/28/22	03/02/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 1 - Surf

E203011-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	0.0254	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	1.54	0.0250	1	03/02/22	03/02/22	
Toluene	0.455	0.0250	1	03/02/22	03/02/22	
o-Xylene	3.91	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	8.22	0.0500	1	03/02/22	03/02/22	
Total Xylenes	12.1	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	142	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	13500	500	20	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	4990	1000	20	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>						
		167 %	50-200	03/02/22	03/02/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	10400	200	10	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 2 - Surf

E203011-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/02/22	
Toluene	ND	0.0250	1	03/02/22	03/02/22	
o-Xylene	ND	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	0.0736	0.0500	1	03/02/22	03/02/22	
Total Xylenes	0.0736	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	447	50.0	2	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	248	100	2	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	03/02/22	03/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	701	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 3 - Surf

E203011-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	10.0	0.250	10	03/02/22	03/03/22	
Ethylbenzene	42.4	0.250	10	03/02/22	03/03/22	
Toluene	109	0.250	10	03/02/22	03/03/22	
o-Xylene	59.0	0.250	10	03/02/22	03/03/22	
p,m-Xylene	165	0.500	10	03/02/22	03/03/22	
Total Xylenes	224	0.250	10	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.8 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	2230	200	10	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	21600	500	20	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	4980	1000	20	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>		582 %	50-200	03/02/22	03/02/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	2040	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 4 - Surf

E203011-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2210035	
Benzene	0.789	0.250	10	03/02/22	03/03/22	
Ethylbenzene	20.8	0.250	10	03/02/22	03/03/22	
Toluene	27.8	0.250	10	03/02/22	03/03/22	
o-Xylene	33.1	0.250	10	03/02/22	03/03/22	
p,m-Xylene	88.0	0.500	10	03/02/22	03/03/22	
Total Xylenes	121	0.250	10	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.5 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2210035	
Gasoline Range Organics (C6-C10)	1190	200	10	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2210030	
Diesel Range Organics (C10-C28)	15200	500	20	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	3400	1000	20	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>		394 %	50-200	03/02/22	03/02/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2210037	
Chloride	446	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 5 - Surf

E203011-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/02/22	
Toluene	0.0532	0.0250	1	03/02/22	03/02/22	
o-Xylene	0.0417	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	0.0896	0.0500	1	03/02/22	03/02/22	
Total Xylenes	0.131	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.3 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	180	25.0	1	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	53.8	50.0	1	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/02/22	03/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	108	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 6 - Surf

E203011-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	0.511	0.250	10	03/02/22	03/03/22	
Ethylbenzene	19.7	0.250	10	03/02/22	03/03/22	
Toluene	26.7	0.250	10	03/02/22	03/03/22	
o-Xylene	31.5	0.250	10	03/02/22	03/03/22	
p,m-Xylene	82.2	0.500	10	03/02/22	03/03/22	
Total Xylenes	114	0.250	10	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.7 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	1140	200	10	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	13900	250	10	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	3180	500	10	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>		355 %	50-200	03/02/22	03/02/22	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	477	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 7 - Surf

E203011-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	0.0438	0.0250	1	03/02/22	03/02/22	
Toluene	0.0724	0.0250	1	03/02/22	03/02/22	
o-Xylene	0.114	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	0.251	0.0500	1	03/02/22	03/02/22	
Total Xylenes	0.365	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.0 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	2110	25.0	1	03/02/22	03/02/22	
Oil Range Organics (C28-C36)	707	50.0	1	03/02/22	03/02/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	03/02/22	03/02/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	112	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 8 - Surf

E203011-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	0.0326	0.0250	1	03/02/22	03/02/22	
Toluene	0.0370	0.0250	1	03/02/22	03/02/22	
o-Xylene	0.126	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	0.245	0.0500	1	03/02/22	03/02/22	
Total Xylenes	0.371	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	1710	50.0	2	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	517	100	2	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	134	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 9 - Surf

E203011-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/02/22	
Toluene	0.0295	0.0250	1	03/02/22	03/02/22	
o-Xylene	0.0440	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	0.0872	0.0500	1	03/02/22	03/02/22	
Total Xylenes	0.131	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.4 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	547	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	194	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	101	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 10 - Surf
E203011-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/02/22	
Toluene	ND	0.0250	1	03/02/22	03/02/22	
o-Xylene	0.0835	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	0.153	0.0500	1	03/02/22	03/02/22	
Total Xylenes	0.237	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.8 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	2500	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	812	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	135	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 11 - Surf

E203011-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/02/22	
Ethylbenzene	0.249	0.0250	1	03/02/22	03/02/22	
Toluene	0.0894	0.0250	1	03/02/22	03/02/22	
o-Xylene	0.631	0.0250	1	03/02/22	03/02/22	
p,m-Xylene	1.49	0.0500	1	03/02/22	03/02/22	
Total Xylenes	2.12	0.0250	1	03/02/22	03/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	43.0	20.0	1	03/02/22	03/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.9 %	70-130	03/02/22	03/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	4680	125	5	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	1300	250	5	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	388	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 12 - Surf

E203011-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/03/22	
Toluene	ND	0.0250	1	03/02/22	03/03/22	
o-Xylene	ND	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/02/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	150	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	36.2	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 13 - Surf

E203011-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	0.128	0.0250	1	03/02/22	03/03/22	
Toluene	0.0452	0.0250	1	03/02/22	03/03/22	
o-Xylene	0.388	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	0.812	0.0500	1	03/02/22	03/03/22	
Total Xylenes	1.20	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	31.0	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	5790	125	5	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	1710	250	5	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	576	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 14 - Surf
E203011-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/03/22	
Toluene	ND	0.0250	1	03/02/22	03/03/22	
o-Xylene	ND	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/02/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	1020	50.0	2	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	356	100	2	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	144	20.0	1	03/02/22	03/02/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 15 - Surf
E203011-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/03/22	
Toluene	ND	0.0250	1	03/02/22	03/03/22	
o-Xylene	ND	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/02/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	ND	20.0	1	03/02/22	03/03/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 16 - Surf

E203011-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/03/22	
Toluene	ND	0.0250	1	03/02/22	03/03/22	
o-Xylene	ND	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/02/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	37.0	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	ND	20.0	1	03/02/22	03/03/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 17 - Surf
E203011-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/03/22	
Toluene	ND	0.0250	1	03/02/22	03/03/22	
o-Xylene	ND	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/02/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	142	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	ND	20.0	1	03/02/22	03/03/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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SP 18 - Surf
E203011-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Benzene	ND	0.0250	1	03/02/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/02/22	03/03/22	
Toluene	ND	0.0250	1	03/02/22	03/03/22	
o-Xylene	ND	0.0250	1	03/02/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/02/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/02/22	03/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.7 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2210035
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/02/22	03/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.6 %	70-130	03/02/22	03/03/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2210030
Diesel Range Organics (C10-C28)	290	25.0	1	03/02/22	03/03/22	
Oil Range Organics (C28-C36)	107	50.0	1	03/02/22	03/03/22	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	03/02/22	03/03/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2210037
Chloride	36.8	20.0	1	03/02/22	03/03/22	



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2210035-BLK1)

Prepared: 03/02/22 Analyzed: 03/02/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

LCS (2210035-BS1)

Prepared: 03/02/22 Analyzed: 03/02/22

Benzene	5.18	0.0250	5.00		104	70-130			
Ethylbenzene	5.49	0.0250	5.00		110	70-130			
Toluene	5.72	0.0250	5.00		114	70-130			
o-Xylene	5.42	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.4	70-130			

Matrix Spike (2210035-MS1)

Source: E203002-02

Prepared: 03/02/22 Analyzed: 03/02/22

Benzene	4.98	0.0250	5.00	ND	99.6	54-133			
Ethylbenzene	5.29	0.0250	5.00	ND	106	61-133			
Toluene	5.50	0.0250	5.00	ND	110	61-130			
o-Xylene	5.22	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131			
Total Xylenes	15.9	0.0250	15.0	ND	106	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike Dup (2210035-MSD1)

Source: E203002-02

Prepared: 03/02/22 Analyzed: 03/02/22

Benzene	4.98	0.0250	5.00	ND	99.6	54-133	0.0432	20	
Ethylbenzene	5.31	0.0250	5.00	ND	106	61-133	0.425	20	
Toluene	5.52	0.0250	5.00	ND	110	61-130	0.191	20	
o-Xylene	5.26	0.0250	5.00	ND	105	63-131	0.784	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	0.448	20	
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131	0.558	20	
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/3/2022 3:18:22PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2210035-BLK1)

Prepared: 03/02/22 Analyzed: 03/02/22

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

LCS (2210035-BS2)

Prepared: 03/02/22 Analyzed: 03/02/22

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

Matrix Spike (2210035-MS2)

Source: E203002-02

Prepared: 03/02/22 Analyzed: 03/02/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2210035-MSD2)

Source: E203002-02

Prepared: 03/02/22 Analyzed: 03/02/22

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130	0.0959	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported: 3/3/2022 3:18:22PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2210030-BLK1)

Prepared: 03/02/22 Analyzed: 03/02/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			

LCS (2210030-BS1)

Prepared: 03/02/22 Analyzed: 03/02/22

Diesel Range Organics (C10-C28)	601	25.0	500		120	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike (2210030-MS1)

Source: E203011-03

Prepared: 03/02/22 Analyzed: 03/02/22

Diesel Range Organics (C10-C28)	21000	250	500	21600	NR	38-132			M4
Surrogate: n-Nonane	293		50.0		585	50-200			S5

Matrix Spike Dup (2210030-MSD1)

Source: E203011-03

Prepared: 03/02/22 Analyzed: 03/02/22

Diesel Range Organics (C10-C28)	21900	250	500	21600	50.0	38-132	4.06	20	
Surrogate: n-Nonane	288		50.0		576	50-200			S5



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/3/2022 3:18:22PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2210037-BLK1)

Prepared: 03/02/22 Analyzed: 03/02/22

Chloride	ND	20.0							
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LCS (2210037-BS1)

Prepared: 03/02/22 Analyzed: 03/02/22

Chloride	245	20.0	250		98.0	90-110			
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Matrix Spike (2210037-MS1)

Source: E203002-01

Prepared: 03/02/22 Analyzed: 03/02/22

Chloride	271	20.0	250	23.3	99.1	80-120			
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Matrix Spike Dup (2210037-MSD1)

Source: E203002-01

Prepared: 03/02/22 Analyzed: 03/02/22

Chloride	273	20.0	250	23.3	99.9	80-120	0.713	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/03/22 15:18

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Client: TARROCK				Bill To				Lab Use Only				TAT			EPA Program		
Project: BETTIS 20 STATE CON 4H				Attention: ESS				Lab WO# E 203011		Job Number 20046-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager:				Address: 2427 W. COUNTY RD				Analysis and Method							RCRA		
Address:				City, State, Zip HOBBS N.M. 88246				DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 NUM 2698							State		
City, State, Zip				Phone: (575) 390-6397											NM	CO	UT
Phone:				Email: NATALIE GLADSON				Remarks							<input checked="" type="checkbox"/>		
Email:				Report due by:													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												
	2-20-22	S	1	SP 1 - Surf	1												
				SP 2 - Surf	2												
				SP 3 - Surf	3												
				SP 4 - Surf	4												
				SP 5 - Surf	5												
				SP 6 - Surf	6												
				SP 7 - Surf	7												
				SP 8 - Surf	8												
				SP 9 - Surf	9												
				SP 10 - Surf	10												
Additional Instructions:																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Relinquished by: (Signature) <i>[Signature]</i> Date 2/28/22 Time 4:40 Received by: (Signature) <i>[Signature]</i> Date 3-1-22 Time 1330 Relinquished by: (Signature) <i>[Signature]</i> Date 3-1-22 Time 1645 Received by: (Signature) <i>[Signature]</i> Date 3/2/22 Time 10:15 Relinquished by: (Signature) <i>[Signature]</i> Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																	
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																	
Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



Client: TAPROCK				Bill To				Lab Use Only				TAT				EPA Program	
Project: BETTS 20 STATE COM 4H				Attention: ESS				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager:				Address: 2427 W. COUNTY RD				E 203011		20046-0001							
Address:				City, State, Zip: HOBBS NM 88246				Analysis and Method								RCRA	
City, State, Zip				Phone: (505) 390-6397				DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 4N 20098								State	
Phone:				Email: NATALIE GLADDEN												NM	
Email:				Report due by:				Remarks									
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks
	2-28-22	S	1	SP 11 - Surf	11												
				SP 12 - Surf	12												
				SP 13 - Surf	13												
				SP 14 - Surf	14												
				SP 15 - Surf	15												
				SP 16 - Surf	16												
				SP 17 - Surf	17												
				SP 18 - Surf	18												
Additional Instructions:																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <i>Natalie Gladden</i>																	
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only									
<i>Natalie Gladden</i>		2/28	4:40	<i>Samuel</i>		3-1-22	1333	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____									
<i>Samuel</i>		3-1-22	1645	<i>Samuel</i>		3/2/22	10:15	AVG Temp °C 4									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																	
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



Envirotech Analytical Laboratory

Printed: 3/2/2022 12:05:19PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 03/02/22 10:15	Work Order ID: E203011
Phone: (575) 390-6397	Date Logged In: 03/01/22 16:39	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 03/03/22 17:00 (1 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? No
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Sample times not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? No
 - 11. If yes, were custody/security seals intact? NA
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

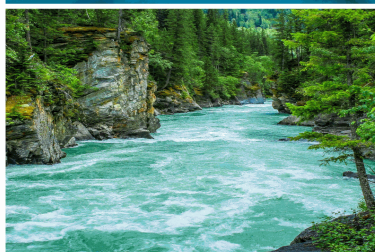
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: BETTIS 20 STATE Com 4 H

Work Order: E203021

Job Number: 20046-0001

Received: 3/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/9/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 3/9/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: BETTIS 20 STATE Com 4 H
Workorder: E203021
Date Received: 3/3/2022 1:15:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/3/2022 1:15:00PM, under the Project Name: BETTIS 20 STATE Com 4 H.

The analytical test results summarized in this report with the Project Name: BETTIS 20 STATE Com 4 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 03/09/22 16:32
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 19 - Surf	E203021-01A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 20 - Surf	E203021-02A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 21 - Surf	E203021-03A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 22 - Surf	E203021-04A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 23 - Surf	E203021-05A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 24 - Surf	E203021-06A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 25 - Surf	E203021-07A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 26 - Surf	E203021-08A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 27 - Surf	E203021-09A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 28 - Surf	E203021-10A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 29 - Surf	E203021-11A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.
SP 30 - Surf	E203021-12A	Soil	03/01/22	03/03/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 19 - Surf
E203021-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	75.8	25.0	1	03/07/22	03/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/07/22	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		03/07/22	03/07/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	ND	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 20 - Surf
E203021-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	855	25.0	1	03/07/22	03/07/22	
Oil Range Organics (C28-C36)	276	50.0	1	03/07/22	03/07/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	03/07/22	03/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	99.7	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 21 - Surf
E203021-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	227	25.0	1	03/07/22	03/07/22	
Oil Range Organics (C28-C36)	62.1	50.0	1	03/07/22	03/07/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/22	03/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	ND	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 22 - Surf
E203021-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	394	25.0	1	03/07/22	03/07/22	
Oil Range Organics (C28-C36)	119	50.0	1	03/07/22	03/07/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	03/07/22	03/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	50.8	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 23 - Surf
E203021-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.4 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/22	03/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/07/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	03/07/22	03/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	ND	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 24 - Surf
E203021-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	0.327	0.0250	1	03/07/22	03/08/22	
Toluene	0.273	0.0250	1	03/07/22	03/08/22	
o-Xylene	0.510	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	1.50	0.0500	1	03/07/22	03/08/22	
Total Xylenes	2.01	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	2040	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	641	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	131	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 25 - Surf
E203021-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	249	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	53.7	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		97.3 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	51.0	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 26 - Surf
E203021-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.9 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	122	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	22.2	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 27 - Surf

E203021-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	147	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	20.0	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 28 - Surf
E203021-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	111	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	32.9	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 29 - Surf
E203021-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	134	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		99.4 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	25.4	20.0	1	03/08/22	03/08/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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SP 30 - Surf
E203021-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Benzene	ND	0.0250	1	03/07/22	03/08/22	
Ethylbenzene	ND	0.0250	1	03/07/22	03/08/22	
Toluene	ND	0.0250	1	03/07/22	03/08/22	
o-Xylene	ND	0.0250	1	03/07/22	03/08/22	
p,m-Xylene	ND	0.0500	1	03/07/22	03/08/22	
Total Xylenes	ND	0.0250	1	03/07/22	03/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2211003
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/22	03/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	03/07/22	03/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2211011
Diesel Range Organics (C10-C28)	130	25.0	1	03/07/22	03/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/22	03/08/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/07/22	03/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2211017
Chloride	25.5	20.0	1	03/08/22	03/08/22	



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211003-BLK1)

Prepared: 03/07/22 Analyzed: 03/08/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			

LCS (2211003-BS1)

Prepared: 03/07/22 Analyzed: 03/08/22

Benzene	4.33	0.0250	5.00		86.6	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130			
Toluene	4.62	0.0250	5.00		92.4	70-130			
o-Xylene	4.64	0.0250	5.00		92.7	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	13.9	0.0250	15.0		92.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.7	70-130			

Matrix Spike (2211003-MS1)

Source: E203034-01

Prepared: 03/07/22 Analyzed: 03/08/22

Benzene	4.35	0.0250	5.00	ND	86.9	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.3	61-133			
Toluene	4.64	0.0250	5.00	ND	92.8	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131			
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2211003-MSD1)

Source: E203034-01

Prepared: 03/07/22 Analyzed: 03/08/22

Benzene	4.30	0.0250	5.00	ND	85.9	54-133	1.16	20	
Ethylbenzene	4.51	0.0250	5.00	ND	90.1	61-133	1.31	20	
Toluene	4.59	0.0250	5.00	ND	91.7	61-130	1.18	20	
o-Xylene	4.60	0.0250	5.00	ND	91.9	63-131	1.34	20	
p,m-Xylene	9.17	0.0500	10.0	ND	91.7	63-131	1.24	20	
Total Xylenes	13.8	0.0250	15.0	ND	91.8	63-131	1.27	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.8	70-130			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2211003-BLK1)

Prepared: 03/07/22 Analyzed: 03/08/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.7	70-130			

LCS (2211003-BS2)

Prepared: 03/07/22 Analyzed: 03/08/22

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			

Matrix Spike (2211003-MS2)

Source: E203034-01

Prepared: 03/07/22 Analyzed: 03/08/22

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.1	70-130			

Matrix Spike Dup (2211003-MSD2)

Source: E203034-01

Prepared: 03/07/22 Analyzed: 03/08/22

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	0.660	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.03		8.00		100	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/9/2022 4:32:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2211011-BLK1)

Prepared: 03/07/22 Analyzed: 03/07/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.7		50.0		101	50-200			

LCS (2211011-BS1)

Prepared: 03/07/22 Analyzed: 03/07/22

Diesel Range Organics (C10-C28)	470	25.0	500		94.0	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike (2211011-MS1)

Source: E203021-05

Prepared: 03/07/22 Analyzed: 03/07/22

Diesel Range Organics (C10-C28)	487	25.0	500	ND	97.5	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			

Matrix Spike Dup (2211011-MSD1)

Source: E203021-05

Prepared: 03/07/22 Analyzed: 03/07/22

Diesel Range Organics (C10-C28)	499	25.0	500	ND	99.8	38-132	2.30	20	
Surrogate: n-Nonane	50.9		50.0		102	50-200			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/9/2022 4:32:09PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2211017-BLK1)

Prepared: 03/08/22 Analyzed: 03/08/22

Chloride ND 20.0

LCS (2211017-BS1)

Prepared: 03/08/22 Analyzed: 03/08/22

Chloride 245 20.0 250 97.9 90-110

Matrix Spike (2211017-MS1)

Source: E203021-01

Prepared: 03/08/22 Analyzed: 03/08/22

Chloride 263 20.0 250 ND 105 80-120

Matrix Spike Dup (2211017-MSD1)

Source: E203021-01

Prepared: 03/08/22 Analyzed: 03/08/22

Chloride 266 20.0 250 ND 106 80-120 1.08 20

QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/09/22 16:32

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Client: <u>TAPRock</u>				Bill To				Lab Use Only				TAT				EPA Program																			
Project: <u>BCTIS 20 STATE COM 4H</u>				Attention: <u>ESS</u>				Lab WO# <u>E 203021</u>				Job Number <u>20046-001</u>				1D		2D		3D		Standard		CWA		SDWA									
Project Manager:				Address: <u>2427 W COUNTY RD</u>				Analysis and Method																											
Address:				City, State, Zip: <u>HOBBBS NM 88240</u>																															
City, State, Zip				Phone: <u>575 390-6397</u>				DRO/DRO by 8015				GRO/DRO by 8015				BTEX by 8021				VOC by 8260				Metals 6010				Chloride 300.0				State			
Phone:				Email: <u>NATALIE GLADEN</u>				NM				CO				UT				AZ				TX											
Email:								X																											
Report due by:																																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																													
	3-1-22	S	1	SP 19 - Surf	1	<div style="position: absolute; left: 700px; top: 100px; transform: rotate(-90deg); font-size: 2em;"> 8600 NM X </div>																													
				SP 20 - Surf	2																														
				SP 21 - Surf	3																														
				SP 22 - Surf	4																														
				SP 23 - Surf	5																														
				SP 24 - Surf	6																														
				SP 25 - Surf	7																														
				SP 26 - Surf	8																														
				SD 27 - Surf	9																														
				SP 28 - Surf	10																														
Additional Instructions:																																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only																											
		3-1-22	10:15			3-2-22	1404	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N																											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____																											
		3-2-22	1530			3/3/22	13:15	AVG Temp °C <u>4</u>																											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																			



Project Information

Chain of Custody

Client: <u>TAPROCK</u>	Bill To	Lab Use Only	TAT	EPA Program
Project: <u>BETTS 20 STATE COM 4H</u>	Attention: <u>ESS</u>	Lab WO# <u>E 203021</u>	Job Number <u>20046-0001</u>	1D 2D 3D Standard
Project Manager:	Address: <u>2427 W COUNTY RD</u>	Analysis and Method		CWA SDWA
Address:	City, State, Zip: <u>HOBBBS NM 88248</u>	DRO/DRO by 8015	GRO/DRO by 8015	RCRA
City, State, Zip	Phone: <u>575 390-6397</u>	BTEX by 8021	VOC by 8260	State
Phone:	Email: <u>NATALIE GLADEN</u>	Metals 6010	Chloride 300.0	NM CO UT AZ TX
Email:				Remarks
Report due by:				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	1D	2D	3D	Standard	1D	2D	3D	Standard	Remarks	
	3-1-22	S	1	SP 29 - Surf	11																
	3-1-22	S	1	SP 30 - Surf	12																

Additional Instructions:

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3-1-22</u>	Time <u>10:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3-2-22</u>	Time <u>1404</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>3-2-22</u>	Time <u>1530</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>3/13/22</u>	Time <u>13:15</u>	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature) <u>[Signature]</u>	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____						AVG Temp °C <u>4</u>

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



Envirotech Analytical Laboratory

Printed: 3/3/2022 2:40:47PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 03/03/22 13:15	Work Order ID: E203021
Phone: (575) 390-6397	Date Logged In: 03/02/22 16:15	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 03/09/22 17:00 (4 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: UPS

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

Comments/Resolution

No sample times provided on the COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: BETTIS 20 STATE Com 4 H

Work Order: E203072

Job Number: 20046-0001

Received: 3/11/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/18/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: BETTIS 20 STATE Com 4 H
Workorder: E203072
Date Received: 3/11/2022 7:30:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/11/2022 7:30:00AM, under the Project Name: BETTIS 20 STATE Com 4 H.

The analytical test results summarized in this report with the Project Name: BETTIS 20 STATE Com 4 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Office: 505-632-1881
labadmin@envirotech-inc.com

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

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 03/18/22 13:14
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - 7'	E203072-01A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.
SP2 - 5'	E203072-02A	Soil	03/09/22	03/11/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/18/2022 1:14:14PM
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SP1 - 7'

E203072-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2212043
Benzene	ND	0.0250	1	03/16/22	03/17/22	
Ethylbenzene	ND	0.0250	1	03/16/22	03/17/22	
Toluene	ND	0.0250	1	03/16/22	03/17/22	
o-Xylene	ND	0.0250	1	03/16/22	03/17/22	
p,m-Xylene	ND	0.0500	1	03/16/22	03/17/22	
Total Xylenes	ND	0.0250	1	03/16/22	03/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	03/16/22	03/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2212043
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/22	03/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	03/16/22	03/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2212041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/22	03/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/22	03/16/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/16/22	03/16/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212060
Chloride	ND	20.0	1	03/16/22	03/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/18/2022 1:14:14PM
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SP2 - 5'

E203072-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2212043
Benzene	ND	0.0250	1	03/16/22	03/17/22	
Ethylbenzene	ND	0.0250	1	03/16/22	03/17/22	
Toluene	ND	0.0250	1	03/16/22	03/17/22	
o-Xylene	ND	0.0250	1	03/16/22	03/17/22	
p,m-Xylene	ND	0.0500	1	03/16/22	03/17/22	
Total Xylenes	ND	0.0250	1	03/16/22	03/17/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	03/16/22	03/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2212043
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/16/22	03/17/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.2 %	70-130	03/16/22	03/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2212041
Diesel Range Organics (C10-C28)	ND	25.0	1	03/16/22	03/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/16/22	03/17/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	03/16/22	03/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2212060
Chloride	ND	20.0	1	03/16/22	03/18/22	



QC Summary Data

Tap Rock	Project Name: BETTIS 20 STATE Com 4 H	Reported: 3/18/2022 1:14:14PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2212043-BLK1)

Prepared: 03/16/22 Analyzed: 03/16/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

LCS (2212043-BS1)

Prepared: 03/16/22 Analyzed: 03/16/22

Benzene	3.98	0.0250	5.00		79.6	70-130			
Ethylbenzene	4.16	0.0250	5.00		83.1	70-130			
Toluene	4.24	0.0250	5.00		84.8	70-130			
o-Xylene	4.27	0.0250	5.00		85.3	70-130			
p,m-Xylene	8.45	0.0500	10.0		84.5	70-130			
Total Xylenes	12.7	0.0250	15.0		84.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike (2212043-MS1)

Source: E203077-01

Prepared: 03/16/22 Analyzed: 03/17/22

Benzene	4.39	0.0250	5.00	ND	87.9	54-133			
Ethylbenzene	4.57	0.0250	5.00	ND	91.4	61-133			
Toluene	4.67	0.0250	5.00	ND	93.4	61-130			
o-Xylene	4.69	0.0250	5.00	ND	93.9	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

Matrix Spike Dup (2212043-MSD1)

Source: E203077-01

Prepared: 03/16/22 Analyzed: 03/17/22

Benzene	4.13	0.0250	5.00	ND	82.6	54-133	6.17	20	
Ethylbenzene	4.30	0.0250	5.00	ND	86.1	61-133	6.04	20	
Toluene	4.39	0.0250	5.00	ND	87.8	61-130	6.18	20	
o-Xylene	4.42	0.0250	5.00	ND	88.4	63-131	6.08	20	
p,m-Xylene	8.74	0.0500	10.0	ND	87.4	63-131	5.85	20	
Total Xylenes	13.2	0.0250	15.0	ND	87.7	63-131	5.93	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/18/2022 1:14:14PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2212043-BLK1)

Prepared: 03/16/22 Analyzed: 03/16/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			

LCS (2212043-BS2)

Prepared: 03/16/22 Analyzed: 03/16/22

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike (2212043-MS2)

Source: E203077-01

Prepared: 03/16/22 Analyzed: 03/17/22

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike Dup (2212043-MSD2)

Source: E203077-01

Prepared: 03/16/22 Analyzed: 03/17/22

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130	0.408	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/18/2022 1:14:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2212041-BLK1)

Prepared: 03/16/22 Analyzed: 03/16/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			

LCS (2212041-BS1)

Prepared: 03/16/22 Analyzed: 03/16/22

Diesel Range Organics (C10-C28)	466	25.0	500		93.3	38-132			
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

LCS Dup (2212041-BSD1)

Prepared: 03/16/22 Analyzed: 03/16/22

Diesel Range Organics (C10-C28)	465	25.0	500		92.9	38-132	0.354	20	
Surrogate: n-Nonane	48.1		50.0		96.3	50-200			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/18/2022 1:14:14PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2212060-BLK1)

Prepared: 03/16/22 Analyzed: 03/17/22

Chloride	ND	20.0							
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LCS (2212060-BS1)

Prepared: 03/16/22 Analyzed: 03/17/22

Chloride	258	20.0	250		103	90-110			
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Matrix Spike (2212060-MS1)

Source: E203077-01

Prepared: 03/16/22 Analyzed: 03/17/22

Chloride	404	20.0	250	130	109	80-120			
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Matrix Spike Dup (2212060-MSD1)

Source: E203077-01

Prepared: 03/16/22 Analyzed: 03/17/22

Chloride	395	20.0	250	130	106	80-120	2.06	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/18/22 13:14

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.



Client: <u>TAPROCK</u>		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>BETTS 20 STATE COM 44</u>		Attention: <u>E S S</u>		Lab WO# <u>E 203072</u>		Job Number <u>20046-0001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager:		Address: <u>2427 W. COUNTY RD</u>		City, State, Zip: <u>HOBBS N.M. 88248</u>		Analysis and Method						RCRA	
Address:		Phone: <u>(575) 390-6397</u>		Email: <u>NATALIE GLADSEN</u>								State	
City, State, Zip:												<input checked="" type="checkbox"/> NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX	
Phone:													
Email:													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks	
	3-9-22	S	1	SP1-7'	1								
	L	L	L	SP2-5'	2								

Additional Instructions:

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

Sampled by: MARC RIVERA

Relinquished by: (Signature) Natalie Gladson Date 3/10/22 Time 1540

Received by: (Signature) John Job Date 3-10-22 Time 1540

Relinquished by: (Signature) John Job Date 3-10-22 Time 1900

Received by: (Signature) Colleen Christ Date 3/11/22 Time 7:30

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

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

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

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



Envirotech Analytical Laboratory

Printed: 3/11/2022 9:48:18AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 03/11/22 07:30	Work Order ID: E203072
Phone: (575) 390-6397	Date Logged In: 03/10/22 16:43	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 03/17/22 17:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Carrier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Comments/Resolution

Sampled times not provided on coc.

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 St Com 4H

Work Order: E203179

Job Number: 20046-0001

Received: 3/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/29/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/29/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 St Com 4H
Workorder: E203179
Date Received: 3/26/2022 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/26/2022 8:15:00AM, under the Project Name: Bettis 20 St Com 4H.

The analytical test results summarized in this report with the Project Name: Bettis 20 St Com 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 03/29/22 18:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP3 - 6'	E203179-01A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP4 - 10'	E203179-02A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP5 - 4'	E203179-03A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP6 - 4'	E203179-04A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP7 - 4'	E203179-05A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP8 - 4'	E203179-06A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP9 - 4'	E203179-07A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP10 - 4'	E203179-08A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP11 - 4'	E203179-09A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP12 - 4'	E203179-10A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.
SP13 - 4'	E203179-11A	Soil	03/24/22	03/26/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP3 - 6'

E203179-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B

	mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22
Toluene	ND	0.0250	1	03/26/22	03/28/22
o-Xylene	ND	0.0250	1	03/26/22	03/28/22
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22
<i>Surrogate: Bromofluorobenzene</i>	91.8 %	70-130		03/26/22	03/28/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.3 %	70-130		03/26/22	03/28/22
<i>Surrogate: Toluene-d8</i>	98.4 %	70-130		03/26/22	03/28/22

Nonhalogenated Organics by EPA 8015D - GRO

	mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22
<i>Surrogate: Bromofluorobenzene</i>	91.8 %	70-130		03/26/22	03/28/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.3 %	70-130		03/26/22	03/28/22
<i>Surrogate: Toluene-d8</i>	98.4 %	70-130		03/26/22	03/28/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO

	mg/kg	mg/kg	Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22
<i>Surrogate: n-Nonane</i>	89.5 %	50-200		03/26/22	03/28/22

Anions by EPA 300.0/9056A

	mg/kg	mg/kg	Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP4 - 10'
E203179-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.1 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.1 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		96.7 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	20.6	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP5 - 4'

E203179-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.7 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.7 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		90.2 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	66.0	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP6 - 4'

E203179-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		99.6 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP7 - 4'

E203179-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.8 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.8 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		95.0 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP8 - 4'

E203179-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		93.6 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		93.6 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		97.1 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP9 - 4'

E203179-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		98.5 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		98.5 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP10 - 4'
E203179-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		93.0 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.3 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		93.0 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.3 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		94.5 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP11 - 4'
E203179-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		90.3 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		90.3 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		85.2 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP12 - 4'
E203179-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		92.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	ND	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		92.3 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com 4H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 3/29/2022 6:04:42PM
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SP13 - 4'
E203179-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Benzene	ND	0.0250	1	03/26/22	03/28/22	
Ethylbenzene	ND	0.0250	1	03/26/22	03/28/22	
Toluene	ND	0.0250	1	03/26/22	03/28/22	
o-Xylene	ND	0.0250	1	03/26/22	03/28/22	
p,m-Xylene	ND	0.0500	1	03/26/22	03/28/22	
Total Xylenes	ND	0.0250	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		91.5 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2213078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/26/22	03/28/22	
<i>Surrogate: Bromofluorobenzene</i>		91.5 %	70-130	03/26/22	03/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/26/22	03/28/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/26/22	03/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2213075
Diesel Range Organics (C10-C28)	62.2	25.0	1	03/26/22	03/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/26/22	03/28/22	
<i>Surrogate: n-Nonane</i>		93.0 %	50-200	03/26/22	03/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2213081
Chloride	ND	20.0	1	03/26/22	03/28/22	



QC Summary Data

Tap Rock	Project Name: Bettis 20 St Com 4H	Reported: 3/29/2022 6:04:42PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2213078-BLK1)

Prepared: 03/26/22 Analyzed: 03/28/22

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							
<i>Surrogate: Bromofluorobenzene</i>	0.459		0.500		91.8	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.506		0.500		101	70-130			
<i>Surrogate: Toluene-d8</i>	0.499		0.500		99.7	70-130			

LCS (2213078-BS1)

Prepared: 03/26/22 Analyzed: 03/28/22

Benzene	2.44	0.0250	2.50		97.6	70-130			
Ethylbenzene	2.47	0.0250	2.50		98.9	70-130			
Toluene	2.47	0.0250	2.50		98.7	70-130			
o-Xylene	2.38	0.0250	2.50		95.2	70-130			
p,m-Xylene	4.83	0.0500	5.00		96.6	70-130			
Total Xylenes	7.21	0.0250	7.50		96.1	70-130			
<i>Surrogate: Bromofluorobenzene</i>	0.489		0.500		97.8	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.503		0.500		101	70-130			
<i>Surrogate: Toluene-d8</i>	0.509		0.500		102	70-130			

LCS Dup (2213078-BSD1)

Prepared: 03/26/22 Analyzed: 03/28/22

Benzene	2.55	0.0250	2.50		102	70-130	4.51	23	
Ethylbenzene	2.55	0.0250	2.50		102	70-130	2.99	27	
Toluene	2.54	0.0250	2.50		101	70-130	2.76	24	
o-Xylene	2.47	0.0250	2.50		98.7	70-130	3.63	27	
p,m-Xylene	4.97	0.0500	5.00		99.4	70-130	2.83	27	
Total Xylenes	7.44	0.0250	7.50		99.2	70-130	3.09	27	
<i>Surrogate: Bromofluorobenzene</i>	0.475		0.500		94.9	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.515		0.500		103	70-130			
<i>Surrogate: Toluene-d8</i>	0.504		0.500		101	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 St Com 4H	Reported: 3/29/2022 6:04:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2213078-BLK1)

Prepared: 03/26/22 Analyzed: 03/28/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.459		0.500		91.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

LCS (2213078-BS2)

Prepared: 03/26/22 Analyzed: 03/28/22

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.471		0.500		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS Dup (2213078-BSD2)

Prepared: 03/26/22 Analyzed: 03/28/22

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130	5.30	20	
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 St Com 4H	Reported: 3/29/2022 6:04:42PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2213075-BLK1)

Prepared: 03/26/22 Analyzed: 03/28/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			

LCS (2213075-BS1)

Prepared: 03/26/22 Analyzed: 03/28/22

Diesel Range Organics (C10-C28)	430	25.0	500		86.1	38-132			
Surrogate: n-Nonane	39.1		50.0		78.2	50-200			

Matrix Spike (2213075-MS1)

Source: E203179-04

Prepared: 03/26/22 Analyzed: 03/28/22

Diesel Range Organics (C10-C28)	432	25.0	500	ND	86.5	38-132			
Surrogate: n-Nonane	39.1		50.0		78.1	50-200			

Matrix Spike Dup (2213075-MSD1)

Source: E203179-04

Prepared: 03/26/22 Analyzed: 03/28/22

Diesel Range Organics (C10-C28)	434	25.0	500	ND	86.9	38-132	0.449	20	
Surrogate: n-Nonane	42.3		50.0		84.6	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 St Com 4H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/29/2022 6:04:42PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2213081-BLK1)

Prepared: 03/26/22 Analyzed: 03/28/22

Chloride	ND	20.0							
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LCS (2213081-BS1)

Prepared: 03/26/22 Analyzed: 03/28/22

Chloride	243	20.0	250		97.4	90-110			
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LCS Dup (2213081-BSD1)

Prepared: 03/26/22 Analyzed: 03/28/22

Chloride	243	20.0	250		97.3	90-110	0.0810	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 St Com 4H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/29/22 18:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Client: <u>Tap Rock</u>	Attention: <u>Bill To ESS</u>	Lab Use Only		TAT			EPA Program					
Project: <u>Bettis 20 St.com 4H</u>	Address:	Lab WO# <u>E203179</u>	Job Number <u>20046-0001</u>	1D	2D	3D	Standard	CWA	SDWA			
Project Manager: <u>Natalie G.</u>	City, State, Zip	Analysis and Method							RCRA			
Address:	Phone:	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State				
City, State, Zip	Email:							NM	CO	UT	AZ	TX
Phone:								Remarks				
Email:												
Report due by:												

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
	3/24/22	S	1	SP3-6'	1							X
				SP4-10'	2							
				SP5-4'	3							
				SP6-4'	4							
				SP7-4'	5							
				SP8-4'	6							
				SP9-4'	7							
				SP10-4'	8							
				SP11-4'	9							
				SP12-4'	10							

Additional Instructions:

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

Relinquished by: (Signature) [Signature] Date 3/25/22 Time 1300 Received by: (Signature) [Signature] Date 3/25/22 Time 1300

Relinquished by: (Signature) [Signature] Date 3/25/22 Time 1300 Received by: (Signature) Caitlin Chuter Date 3/28/22 Time 8:15

Relinquished by: (Signature) [Signature] Date 3/28/22 Time 08:15 Received by: (Signature) [Signature] Date 3/28/22 Time 08:15

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

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

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



Envirotech Analytical Laboratory

Printed: 3/28/2022 9:10:29AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 03/26/22 08:15	Work Order ID: E203179
Phone: (575) 390-6397	Date Logged In: 03/25/22 16:36	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 03/28/22 17:00 (0 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Sample times not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? No
 - 11. If yes, were custody/security seals intact? NA
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: BETTIS 20 STATE Com 4 H

Work Order: E206155

Job Number: 20046-0001

Received: 6/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/23/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/23/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: BETTIS 20 STATE Com 4 H
Workorder: E206155
Date Received: 6/22/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/22/2022 10:15:00AM, under the Project Name: BETTIS 20 STATE Com 4 H.

The analytical test results summarized in this report with the Project Name: BETTIS 20 STATE Com 4 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 06/23/22 17:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP14 - 4'	E206155-01A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP15 - 4'	E206155-02A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP16 - 4'	E206155-03A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP17 - 4'	E206155-04A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP18 - 4'	E206155-05A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP19 - 4'	E206155-06A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP20 - 4'	E206155-07A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.

Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP14 - 4'

E206155-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.4 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/22/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP15 - 4'

E206155-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.5 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/22/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP16 - 4'

E206155-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.6 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/22/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP17 - 4'
E206155-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.1 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>		138 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/22/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP18 - 4'

E206155-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.4 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.8 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>		97.8 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/22/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP19 - 4'
E206155-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.0 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.9 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/22/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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SP20 - 4'

E206155-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.7 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.7 %	70-130	06/22/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	06/22/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226063
Chloride	ND	20.0	1	06/22/22	06/23/22	



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226061-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

LCS (2226061-BS1)

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

Benzene	5.26	0.0250	5.00		105	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	9.82	0.0500	10.0		98.2	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.41		8.00		92.6	70-130			

LCS Dup (2226061-BSD1)

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

Benzene	5.37	0.0250	5.00		107	70-130	2.00	20	
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130	2.16	20	
Toluene	5.17	0.0250	5.00		103	70-130	2.09	20	
o-Xylene	5.05	0.0250	5.00		101	70-130	2.13	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	2.11	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	2.12	20	
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported: 6/23/2022 5:18:53PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226061-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.8	70-130			

LCS (2226061-BS2)

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

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

LCS Dup (2226061-BSD2)

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

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.1	70-130	3.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:18:53PM

Nonhalogenated Organics by 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
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Blank (2226058-BLK1)

Prepared: 06/22/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	72.0		50.0		144	50-200			

LCS (2226058-BS1)

Prepared: 06/22/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	557	25.0	500		111	38-132			
Surrogate: <i>n</i> -Nonane	52.8		50.0		106	50-200			

Matrix Spike (2226058-MS1)

Source: E206156-01

Prepared: 06/22/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	527	25.0	500	ND	105	38-132			
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.6	50-200			

Matrix Spike Dup (2226058-MSD1)

Source: E206156-01

Prepared: 06/22/22 Analyzed: 06/22/22

Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132	3.93	20	
Surrogate: <i>n</i> -Nonane	54.2		50.0		108	50-200			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/23/2022 5:18:53PM
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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
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Blank (2226063-BLK1)

Prepared: 06/22/22 Analyzed: 06/22/22

Chloride ND 20.0

LCS (2226063-BS1)

Prepared: 06/22/22 Analyzed: 06/22/22

Chloride 250 20.0 250 99.9 90-110

Matrix Spike (2226063-MS1)

Source: E206155-01

Prepared: 06/22/22 Analyzed: 06/22/22

Chloride 248 20.0 250 ND 99.3 80-120

Matrix Spike Dup (2226063-MSD1)

Source: E206155-01

Prepared: 06/22/22 Analyzed: 06/22/22

Chloride 246 20.0 250 ND 98.5 80-120 0.776 20

QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/23/22 17:18

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Client: TAP ROCK
 Project: BETAS 20 STATE COM 4A
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

Bill To
 Attention: E.S.S
 Address: 2724 W COUNTY RD
 City, State, Zip: HOBBS NM 88240
 Phone: 575 390-6397
 Email: NATALIE GLADDEN

Lab Use Only		TAT			EPA Program					
Lab WO# <u>E200155</u>	Job Number <u>20040-0001</u>	1D	2D	3D	Standard	CWA	SDWA			
Analysis and Method					RCRA					
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State				
						NM	CO	UT	AZ	TX
						<input checked="" type="checkbox"/>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	6/20/22	S	1	SP14 - 4'	1							<input checked="" type="checkbox"/>		
				SP15 - 4'	2									
				SP16 - 4'	3									
				SP17 - 4'	4									
				SP18 - 4'	5									
				SP19 - 4'	6									
				SP20 - 4'	7									

Additional Instructions:

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6/20/22</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>6/21/22</u>	Time <u>1:45</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6/20/22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6/20/22</u>	Time <u>10:15</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Envirotech Analytical Laboratory

Printed: 6/22/2022 12:05:39PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 06/22/22 10:15	Work Order ID: E206155
Phone: (575) 390-6397	Date Logged In: 06/22/22 08:26	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 06/23/22 17:00 (1 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Comments/Resolution

Time sampled and project manager not provided on COC.

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: BETTIS 20 STATE Com 4 H

Work Order: E206166

Job Number: 20046-0001

Received: 6/23/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/24/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: BETTIS 20 STATE Com 4 H
Workorder: E206166
Date Received: 6/23/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2022 10:15:00AM, under the Project Name: BETTIS 20 STATE Com 4 H.

The analytical test results summarized in this report with the Project Name: BETTIS 20 STATE Com 4 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 06/24/22 15:47
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP21 - 4'	E206166-01A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP22 - 4'	E206166-02A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP23 - 4'	E206166-03A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP24 - 4'	E206166-04A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP25 - 4'	E206166-05A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP26 - 4'	E206166-06A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP27 - 4'	E206166-07A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP28 - 4'	E206166-08A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP29 - 4'	E206166-09A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SP30 - 4'	E206166-10A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW1 - Surf	E206166-11A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW1 - 2'	E206166-12A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW2 - Surf	E206166-13A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW2 - 2'	E206166-14A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW3 - Surf	E206166-15A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW3 - 2'	E206166-16A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW4 - Surf	E206166-17A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW4 - 2'	E206166-18A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW5 - Surf	E206166-19A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.
SW5 - 2'	E206166-20A	Solid	06/21/22	06/23/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP21 - 4'

E206166-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		124 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP22 - 4'

E206166-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP23 - 4'

E206166-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP24 - 4'

E206166-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP25 - 4'

E206166-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.7 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.8 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		130 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP26 - 4'

E206166-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>						
		137 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP27 - 4'

E206166-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		132 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP28 - 4'

E206166-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		134 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP29 - 4'
E206166-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.9 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.9 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		121 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SP30 - 4'

E206166-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.8 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.7 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		128 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW1 - Surf

E206166-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	1700	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	1080	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		134 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	329	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW1 - 2'

E206166-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.8 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		139 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	26.5	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW2 - Surf
E206166-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	180	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	185	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		82.5 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW2 - 2'

E206166-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.2 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.9 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		138 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW3 - Surf
E206166-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		120 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW3 - 2'

E206166-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.4 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		132 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW4 - Surf
E206166-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	44.0	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW4 - 2'

E206166-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.8 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		122 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW5 - Surf
E206166-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.9 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.2 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	138	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	93.2	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		128 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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SW5 - 2'
E206166-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226079
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.1 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2226081
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>						
		130 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226076
Chloride	ND	20.0	1	06/23/22	06/24/22	



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226079-BLK1)

Prepared: 06/23/22 Analyzed: 06/24/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

LCS (2226079-BS1)

Prepared: 06/23/22 Analyzed: 06/24/22

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.33	0.0500	10.0		93.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

LCS Dup (2226079-BSD1)

Prepared: 06/23/22 Analyzed: 06/24/22

Benzene	5.51	0.0250	5.00		110	70-130	9.48	20	
Ethylbenzene	4.99	0.0250	5.00		99.8	70-130	9.66	20	
Toluene	5.31	0.0250	5.00		106	70-130	9.61	20	
o-Xylene	5.20	0.0250	5.00		104	70-130	9.43	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	9.47	20	
Total Xylenes	15.5	0.0250	15.0		103	70-130	9.46	20	
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported: 6/24/2022 3:47:24PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226079-BLK1)

Prepared: 06/23/22 Analyzed: 06/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

LCS (2226079-BS2)

Prepared: 06/23/22 Analyzed: 06/24/22

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

LCS Dup (2226079-BSD2)

Prepared: 06/23/22 Analyzed: 06/24/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130	1.00	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 3:47:24PM

Nonhalogenated Organics by 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
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Blank (2226081-BLK1)

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

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 (2226081-BS1)

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

Diesel Range Organics (C10-C28)	511	25.0	500		102	38-132			
Surrogate: n-Nonane	47.9		50.0		95.7	50-200			

Matrix Spike (2226081-MS1)

Source: E206166-14

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

Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			

Matrix Spike Dup (2226081-MSD1)

Source: E206166-14

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

Diesel Range Organics (C10-C28)	503	25.0	500	ND	101	38-132	2.10	20	
Surrogate: n-Nonane	52.4		50.0		105	50-200			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 3:47:24PM
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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
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Blank (2226076-BLK1)

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

Chloride	ND	20.0							
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LCS (2226076-BS1)

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

Chloride	254	20.0	250		102	90-110			
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Matrix Spike (2226076-MS1)

Source: E206166-01

Prepared: 06/23/22 Analyzed: 06/24/22

Chloride	261	20.0	250	ND	104	80-120			
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Matrix Spike Dup (2226076-MSD1)

Source: E206166-01

Prepared: 06/23/22 Analyzed: 06/24/22

Chloride	264	20.0	250	ND	106	80-120	1.05	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/24/22 15:47

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to Imaging: 1/10/2023 12:06:48 PM

Received by OCD: 12/12/2022 1:17:45 PM

Client: TAPROCK
 Project: BETTS STATE COM 4H
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

Bill To
 Attention: BSS
 Address: 2724 W COUNTY RD
 City, State, Zip: HOBSB NM 87248
 Phone: 575 890-6397
 Email: NATALIE GLADSON

Lab Use Only
 Lab WO# E2016160 Job Number 80046-001
 TAT: 1D 2D 3D
 Standard
 EPA Program: CWA SDWA RCRA

Analysis and Method
 DRO/DRO by 8015
 GRO/DRO by 8015
 BTEX by 8021
 VOC by 8260
 Metals 6010
 Chloride 300.0
 BGDOC NM
 BGDOC TX
 State: NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>6/2/22</u>	<u>S</u>	<u>1</u>	<u>SP21-4-</u>	<u>1</u>							<input checked="" type="checkbox"/>		
				<u>SP22-4-</u>	<u>2</u>									
				<u>SP23-4-</u>	<u>3</u>									
				<u>SP24-4-</u>	<u>4</u>									
				<u>SP25-4-</u>	<u>5</u>									
				<u>SP26-4-</u>	<u>6</u>									
				<u>SP27-4-</u>	<u>7</u>									
				<u>SP28-4-</u>	<u>8</u>									
				<u>SP29-4-</u>	<u>9</u>									
				<u>SP30-4-</u>	<u>10</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) [Signature] Date 6/2/22 Time Received by: (Signature) [Signature] Date 6-2-22 Time 1:50
 Relinquished by: (Signature) [Signature] Date 6-2-22 Time 4:15 Received by: (Signature) [Signature] Date 6/2/22 Time 10:15
 Relinquished by: (Signature) Date Time Received by: (Signature) Date Time

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

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

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



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Released by Imaging: 1/10/2023 12:08:48 PM

Client: TAPROCK
 Project: BETTS 20 STATE COR HD
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: PSS
 Address: 2024 W COUNTY RD
 City, State, Zip: HOBBS N.M 88240
 Phone: 575 390 6397
 Email: NATALIE.GILLEN

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E2016/60</u>	<u>20040-001</u>		<u>X</u>				
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>6/21/22</u>	<u>S</u>	<u>1</u>	<u>SW1 - S4RF</u>	<u>11</u>							<u>X</u>		
				<u>SW1 - 2-</u>	<u>12</u>									
				<u>SW2 - S4RF</u>	<u>13</u>									
				<u>SW2 - 2-</u>	<u>14</u>									
				<u>SW3 - S4RF</u>	<u>15</u>									
				<u>SW3 - 2-</u>	<u>16</u>									
				<u>SW4 - S4RF</u>	<u>17</u>									
				<u>SW4 - 2-</u>	<u>18</u>									
				<u>SW5 - S4RF</u>	<u>19</u>									
				<u>SW5 - 2-</u>	<u>20</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6/21/22</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>6/22/22</u>	Time <u>1:50</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>6/22/22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>6/23/22</u>	Time <u>10:15</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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



Received by: OCD: 12/12/2022 1:17:45 PM

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Envirotech Analytical Laboratory

Printed: 6/23/2022 12:07:08PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 06/23/22 10:15	Work Order ID: E206166
Phone: (575) 390-6397	Date Logged In: 06/23/22 08:36	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 06/24/22 17:00 (1 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Comments/Resolution

Project was separated into 2 reports due to amount of samples. Workorders are as follows:
 E206166 COC Pg 1&2 of 4, E206167 COC Pg 3&4 of 4. Time sampled and project manager not provided on COC.

Client Instruction

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

 Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: BETTIS 20 STATE Com 4 H

Work Order: E206167

Job Number: 20046-0001

Received: 6/23/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/24/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: BETTIS 20 STATE Com 4 H
Workorder: E206167
Date Received: 6/23/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/23/2022 10:15:00AM, under the Project Name: BETTIS 20 STATE Com 4 H.

The analytical test results summarized in this report with the Project Name: BETTIS 20 STATE Com 4 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 06/24/22 17:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW6 - Surf	E206167-01A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW6 - 2'	E206167-02A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW7 - Surf	E206167-03A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW7 - 2'	E206167-04A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW8 - Surf	E206167-05A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW8 - 2'	E206167-06A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW9 - Surf	E206167-07A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW9 - 2'	E206167-08A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW10 - Surf	E206167-09A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW10 - 2'	E206167-10A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW11 - Surf	E206167-11A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW11 - 2'	E206167-12A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW12 - Surf	E206167-13A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.
SW12 - 2'	E206167-14A	Soil	06/21/22	06/23/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW6 - Surf
E206167-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B

	mg/kg	mg/kg	Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/23/22
Ethylbenzene	ND	0.0250	1	06/23/22	06/23/22
Toluene	ND	0.0250	1	06/23/22	06/23/22
o-Xylene	ND	0.0250	1	06/23/22	06/23/22
p,m-Xylene	ND	0.0500	1	06/23/22	06/23/22
Total Xylenes	ND	0.0250	1	06/23/22	06/23/22
<i>Surrogate: Bromofluorobenzene</i>	93.4 %	70-130		06/23/22	06/23/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	101 %	70-130		06/23/22	06/23/22
<i>Surrogate: Toluene-d8</i>	94.8 %	70-130		06/23/22	06/23/22

Nonhalogenated Organics by EPA 8015D - GRO

	mg/kg	mg/kg	Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/23/22
<i>Surrogate: Bromofluorobenzene</i>	93.4 %	70-130		06/23/22	06/23/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	101 %	70-130		06/23/22	06/23/22
<i>Surrogate: Toluene-d8</i>	94.8 %	70-130		06/23/22	06/23/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO

	mg/kg	mg/kg	Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	100	25.0	1	06/23/22	06/23/22
Oil Range Organics (C28-C36)	73.7	50.0	1	06/23/22	06/23/22
<i>Surrogate: n-Nonane</i>	101 %	50-200		06/23/22	06/23/22

Anions by EPA 300.0/9056A

	mg/kg	mg/kg	Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW6 - 2'
E206167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/23/22	
Toluene	ND	0.0250	1	06/23/22	06/23/22	
o-Xylene	ND	0.0250	1	06/23/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/23/22	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	06/23/22	06/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	06/23/22	06/23/22	
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	06/23/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/23/22	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	06/23/22	06/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	06/23/22	06/23/22	
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	06/23/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW7 - Surf

E206167-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/23/22	
Toluene	ND	0.0250	1	06/23/22	06/23/22	
o-Xylene	ND	0.0250	1	06/23/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/23/22	
<i>Surrogate: Bromofluorobenzene</i>		92.7 %	70-130	06/23/22	06/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	06/23/22	06/23/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	06/23/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/23/22	
<i>Surrogate: Bromofluorobenzene</i>		92.7 %	70-130	06/23/22	06/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	06/23/22	06/23/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	06/23/22	06/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		94.2 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW7 - 2'
E206167-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW8 - Surf
E206167-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW8 - 2'
E206167-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW9 - Surf
E206167-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		95.9 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		95.9 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	92.7	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	91.0	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		96.0 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW9 - 2'

E206167-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.0 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		98.3 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW10 - Surf
E206167-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.5 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.5 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	37.9	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW10 - 2'
E206167-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		93.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		93.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/23/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	06/23/22	06/23/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW11 - Surf
E206167-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	29.7	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW11 - 2'

E206167-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		93.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		93.5 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW12 - Surf
E206167-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	183	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	108	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	30.5	20.0	1	06/23/22	06/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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SW12 - 2'

E206167-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Benzene	ND	0.0250	1	06/23/22	06/24/22	
Ethylbenzene	ND	0.0250	1	06/23/22	06/24/22	
Toluene	ND	0.0250	1	06/23/22	06/24/22	
o-Xylene	ND	0.0250	1	06/23/22	06/24/22	
p,m-Xylene	ND	0.0500	1	06/23/22	06/24/22	
Total Xylenes	ND	0.0250	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2226077
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/23/22	06/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	06/23/22	06/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	06/23/22	06/24/22	
<i>Surrogate: Toluene-d8</i>		94.6 %	70-130	06/23/22	06/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2226080
Diesel Range Organics (C10-C28)	ND	25.0	1	06/23/22	06/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/23/22	06/24/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	06/23/22	06/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2226075
Chloride	ND	20.0	1	06/23/22	06/24/22	



QC Summary Data

Tap Rock	Project Name: BETTIS 20 STATE Com 4 H	Reported: 6/24/2022 5:12:34PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226077-BLK1)

Prepared: 06/23/22 Analyzed: 06/24/22

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	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			

LCS (2226077-BS1)

Prepared: 06/23/22 Analyzed: 06/24/22

Benzene	2.28	0.0250	2.50		91.3	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.5	70-130			
Toluene	2.25	0.0250	2.50		90.1	70-130			
o-Xylene	2.38	0.0250	2.50		95.2	70-130			
p,m-Xylene	4.63	0.0500	5.00		92.6	70-130			
Total Xylenes	7.01	0.0250	7.50		93.4	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

LCS Dup (2226077-BSD1)

Prepared: 06/23/22 Analyzed: 06/24/22

Benzene	2.31	0.0250	2.50		92.3	70-130	1.02	23	
Ethylbenzene	2.31	0.0250	2.50		92.5	70-130	1.17	27	
Toluene	2.28	0.0250	2.50		91.0	70-130	1.06	24	
o-Xylene	2.40	0.0250	2.50		95.9	70-130	0.753	27	
p,m-Xylene	4.67	0.0500	5.00		93.5	70-130	0.989	27	
Total Xylenes	7.07	0.0250	7.50		94.3	70-130	0.909	27	
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:12:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226077-BLK1)

Prepared: 06/23/22 Analyzed: 06/24/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			

LCS (2226077-BS2)

Prepared: 06/23/22 Analyzed: 06/24/22

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2226077-BSD2)

Prepared: 06/23/22 Analyzed: 06/24/22

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130	4.50	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:12:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2226080-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	49.2		50.0		98.4	50-200			

LCS (2226080-BS1)

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

Diesel Range Organics (C10-C28)	518	25.0	500		104	38-132			
Surrogate: <i>n-Nonane</i>	45.7		50.0		91.5	50-200			

Matrix Spike (2226080-MS1)

Source: E206167-08

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

Diesel Range Organics (C10-C28)	508	25.0	500	ND	102	38-132			
Surrogate: <i>n-Nonane</i>	48.8		50.0		97.6	50-200			

Matrix Spike Dup (2226080-MSD1)

Source: E206167-08

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

Diesel Range Organics (C10-C28)	538	25.0	500	ND	108	38-132	5.74	20	
Surrogate: <i>n-Nonane</i>	50.0		50.0		100	50-200			



QC Summary Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: BETTIS 20 STATE Com 4 H Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 6/24/2022 5:12:34PM
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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
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Blank (2226075-BLK1)

Prepared: 06/23/22 Analyzed: 06/24/22

Chloride	ND	20.0							
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LCS (2226075-BS1)

Prepared: 06/23/22 Analyzed: 06/24/22

Chloride	259	20.0	250	104	101	80-120			
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Matrix Spike (2226075-MS1)

Source: E206164-01

Prepared: 06/23/22 Analyzed: 06/24/22

Chloride	356	20.0	250	104	101	80-120			
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Matrix Spike Dup (2226075-MSD1)

Source: E206164-01

Prepared: 06/23/22 Analyzed: 06/24/22

Chloride	361	20.0	250	104	103	80-120	1.32	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	BETTIS 20 STATE Com 4 H	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/24/22 17:12

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to Imaging - 1/10/2023 12:08:48 PM

Client: TADROCK
 Project: B&TS 205TCM 4H
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: BSS
 Address: 2724 NW COUNTY RD
 City, State, Zip: HOBBS N.M. 88246
 Phone: 575 380 6397
 Email: NATALIE GLADEN

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E206167</u>	<u>20240-001</u>		<u>X</u>				
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>6/2/22</u>	<u>S</u>	<u>1</u>	<u>SW6-54RF</u>	<u>1</u>							<u>X</u>		
				<u>SW6-2</u>	<u>2</u>									
				<u>SW7-54RF</u>	<u>3</u>									
				<u>SW7-2</u>	<u>4</u>									
				<u>SW8-54RF</u>	<u>5</u>									
				<u>SW8-2</u>	<u>6</u>									
				<u>SW9-54RF</u>	<u>7</u>									
				<u>SW9-2</u>	<u>8</u>									
				<u>SW10-54RF</u>	<u>9</u>									
				<u>SW10-2</u>	<u>10</u>									

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	<u>6/2/22</u>		<u>[Signature]</u>	<u>6/2/22</u>	<u>15:15</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	<u>6/2/22</u>	<u>14:15</u>	<u>[Signature]</u>	<u>6/23/22</u>	<u>10:15</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Received by: OCD - 12/12/2022 1:17:45 PM

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Released to: [unclear] 1/10/2023 12:08:48 PM

Client: TAProck
 Project: BETTS 20 STATE.COM 4H
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: BSS
 Address: 2224 W COUNTY RD
 City, State, Zip: HUBBS N.M. 88244
 Phone: 575 390-6397
 Email: NATASHA@GLADEN

Lab Use Only
 Lab WO# E2001107 Job Number 200044-000
 TAT: 1D 2D 3D
 Standard: CWA SDWA
 RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Analysis and Method							State					Remarks
						DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	NM	CO	UT	AZ	
	<u>6/21/22</u>	<u>S</u>	<u>1</u>	<u>SW11-542R</u>	<u>11</u>													
				<u>SW11-2'</u>	<u>12</u>													
				<u>SW12-542R</u>	<u>13</u>													
				<u>SW12-2'</u>	<u>14</u>													

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) [Signature] Date 6/21/22 Time 15:15 Received by: (Signature) [Signature] Date 6-22-22 Time 15:15
 Relinquished by: (Signature) [Signature] Date 6-22-22 Time 4:15 Received by: (Signature) [Signature] Date 6/23/22 Time 10:15
 Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____
 Lab Use Only
 Received on ice: Y N
 T1 _____ T2 _____ T3 _____
 AVG Temp °C 4

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

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



Received by: OCD: 12/12/2022 1:17:45 PM

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Envirotech Analytical Laboratory

Printed: 6/23/2022 12:09:35PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 06/23/22 10:15	Work Order ID: E206167
Phone: (575) 390-6397	Date Logged In: 06/23/22 08:39	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 06/24/22 17:00 (1 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Project was separated into 2 reports due to amount of samples. Workorders are as follows:
 E206166 COC Pg 1&2 of 4, E206167 COC Pg 3&4 of 4. Time sampled and project manager not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? No
 - 11. If yes, were custody/security seals intact? NA
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 State Com 4

Work Order: E207039

Job Number: 20046-0001

Received: 7/11/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/12/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/12/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 State Com 4
Workorder: E207039
Date Received: 7/11/2022 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2022 8:15:00AM, under the Project Name: Bettis 20 State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis 20 State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 07/12/22 11:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP13 - 8'	E207039-01A	Soil	07/05/22	07/11/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/12/2022 11:12:09AM
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SP13 - 8'

E207039-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B

	mg/kg	mg/kg	Analyst: IY		Batch: 2229001
Benzene	ND	0.0250	1	07/11/22	07/11/22
Ethylbenzene	ND	0.0250	1	07/11/22	07/11/22
Toluene	ND	0.0250	1	07/11/22	07/11/22
o-Xylene	ND	0.0250	1	07/11/22	07/11/22
p,m-Xylene	ND	0.0500	1	07/11/22	07/11/22
Total Xylenes	ND	0.0250	1	07/11/22	07/11/22
<i>Surrogate: Bromofluorobenzene</i>	94.5 %	70-130		07/11/22	07/11/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	104 %	70-130		07/11/22	07/11/22
<i>Surrogate: Toluene-d8</i>	95.2 %	70-130		07/11/22	07/11/22

Nonhalogenated Organics by EPA 8015D - GRO

	mg/kg	mg/kg	Analyst: IY		Batch: 2229001
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/22	07/11/22
<i>Surrogate: Bromofluorobenzene</i>	94.5 %	70-130		07/11/22	07/11/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	104 %	70-130		07/11/22	07/11/22
<i>Surrogate: Toluene-d8</i>	95.2 %	70-130		07/11/22	07/11/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO

	mg/kg	mg/kg	Analyst: JL		Batch: 2229008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/22	07/11/22
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/22	07/11/22
<i>Surrogate: n-Nonane</i>	84.1 %	50-200		07/11/22	07/11/22

Anions by EPA 300.0/9056A

	mg/kg	mg/kg	Analyst: KL		Batch: 2229003
Chloride	ND	20.0	1	07/11/22	07/11/22



QC Summary Data

Tap Rock	Project Name: Bettis 20 State Com 4	Reported: 7/12/2022 11:12:09AM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2229001-BLK1)

Prepared: 07/11/22 Analyzed: 07/11/22

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	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.548		0.500		110	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2229001-BS1)

Prepared: 07/11/22 Analyzed: 07/11/22

Benzene	2.23	0.0250	2.50		89.3	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.9	70-130			
Toluene	2.27	0.0250	2.50		90.8	70-130			
o-Xylene	2.40	0.0250	2.50		95.8	70-130			
p,m-Xylene	4.72	0.0500	5.00		94.3	70-130			
Total Xylenes	7.11	0.0250	7.50		94.8	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike (2229001-MS1)

Source: E206248-01

Prepared: 07/11/22 Analyzed: 07/11/22

Benzene	2.75	0.0250	2.50	0.403	93.8	48-131			
Ethylbenzene	2.63	0.0250	2.50	0.252	95.3	45-135			
Toluene	2.75	0.0250	2.50	0.512	89.5	48-130			
o-Xylene	2.87	0.0250	2.50	0.395	98.8	43-135			
p,m-Xylene	5.59	0.0500	5.00	0.760	96.6	43-135			
Total Xylenes	8.46	0.0250	7.50	1.16	97.3	43-135			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.529		0.500		106	70-130			
Surrogate: Toluene-d8	0.475		0.500		94.9	70-130			

Matrix Spike Dup (2229001-MSD1)

Source: E206248-01

Prepared: 07/11/22 Analyzed: 07/11/22

Benzene	2.67	0.0250	2.50	0.403	90.8	48-131	2.79	23	
Ethylbenzene	2.56	0.0250	2.50	0.252	92.2	45-135	2.97	27	
Toluene	2.89	0.0250	2.50	0.512	95.1	48-130	5.02	24	
o-Xylene	2.78	0.0250	2.50	0.395	95.5	43-135	2.90	27	
p,m-Xylene	5.44	0.0500	5.00	0.760	93.6	43-135	2.77	27	
Total Xylenes	8.22	0.0250	7.50	1.16	94.2	43-135	2.82	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/12/2022 11:12:09AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2229001-BLK1)

Prepared: 07/11/22 Analyzed: 07/11/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.548		0.500		110	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2229001-BS2)

Prepared: 07/11/22 Analyzed: 07/11/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike (2229001-MS2)

Source: E206248-01

Prepared: 07/11/22 Analyzed: 07/11/22

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.462		0.500		92.4	70-130			

Matrix Spike Dup (2229001-MSD2)

Source: E206248-01

Prepared: 07/11/22 Analyzed: 07/11/22

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130	6.85	20	
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/12/2022 11:12:09AM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2229008-BLK1)

Prepared: 07/11/22 Analyzed: 07/11/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	60.9		50.0		122	50-200			

LCS (2229008-BS1)

Prepared: 07/11/22 Analyzed: 07/11/22

Diesel Range Organics (C10-C28)	518	25.0	500		104	38-132			
Surrogate: <i>n-Nonane</i>	52.2		50.0		104	50-200			

Matrix Spike (2229008-MS1)

Source: E207036-09

Prepared: 07/11/22 Analyzed: 07/11/22

Diesel Range Organics (C10-C28)	568	25.0	500	ND	114	38-132			
Surrogate: <i>n-Nonane</i>	53.4		50.0		107	50-200			

Matrix Spike Dup (2229008-MSD1)

Source: E207036-09

Prepared: 07/11/22 Analyzed: 07/11/22

Diesel Range Organics (C10-C28)	533	25.0	500	ND	107	38-132	6.19	20	
Surrogate: <i>n-Nonane</i>	53.1		50.0		106	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/12/2022 11:12:09AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2229003-BLK1)

Prepared: 07/11/22 Analyzed: 07/11/22

Chloride	ND	20.0							
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LCS (2229003-BS1)

Prepared: 07/11/22 Analyzed: 07/11/22

Chloride	249	20.0	250		99.7	90-110			
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LCS Dup (2229003-BSD1)

Prepared: 07/11/22 Analyzed: 07/11/22

Chloride	249	20.0	250		99.6	90-110	0.0863	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/12/22 11:12

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Client: TAPROCK
 Project: BETIS 20 STATE Cor 4
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: ESS
 Address: 2724 W COUNTY RD
 City, State, Zip: HOBBBS NM 88240
 Phone: 575 390 6397
 Email: NATALIE GLADDEN

Lab Use Only
 Lab WO# E207039 Job Number 20040001
 1D 2D 3D Standard
 Analysis and Method
 DRO/ORO by 8015
 GRO/DRO by 8015
 BTEX by 8021
 VOC by 8260
 Metals 6010
 Chloride 300.0
 BGDOC NM
 BGDOC TX
 EPA Program
 CWA
 SDWA
 RCRA
 State
 NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	7/5/22	S	1	SP13-8-	1							X		

Additional Instructions:

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

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

Relinquished by: (Signature) [Signature] Date 7/5/22 Time 2:50
 Relinquished by: (Signature) [Signature] Date 7-8-22 Time 4:15
 Relinquished by: (Signature) _____ Date _____ Time _____

Sampled by: [Signature]
 Received by: (Signature) [Signature] Date 7-8-22 Time 3:00P
 Received by: (Signature) [Signature] Date 7/11/22 Time 8:15
 Received by: (Signature) _____ Date _____ Time _____

Received on ice: Y N
 T1: _____ T2: _____ T3: _____
 AVG Temp °C 4

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

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

Envirotech Analytical Laboratory

Printed: 7/11/2022 9:28:48AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 07/11/22 08:15	Work Order ID: E207039
Phone: (575) 390-6397	Date Logged In: 07/11/22 08:23	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 07/11/22 17:00 (0 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Comments/Resolution

Time sampled and project manager not provided on COC.

Client Instruction

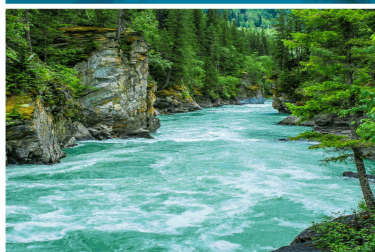
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 State Com 4

Work Order: E207082

Job Number: 20046-0001

Received: 7/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/19/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 7/19/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 State Com 4
Workorder: E207082
Date Received: 7/18/2022 10:05:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2022 10:05:00AM, under the Project Name: Bettis 20 State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis 20 State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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Rayny Hagan
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 07/19/22 16:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP1 - 4'	E207082-01A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP2 - 4'	E207082-02A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP3 - 8'	E207082-03A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP4 - 8'	E207082-04A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP5 - 8'	E207082-05A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP6 - 2'	E207082-06A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP7 - 4'	E207082-07A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP8 - 4'	E207082-08A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP9 - 1'	E207082-09A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP10 - 1'	E207082-10A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP11 - 1'	E207082-11A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP12 - 1'	E207082-12A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP13 - 1'	E207082-13A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP14 - 1'	E207082-14A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP15 - 1'	E207082-15A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP16 - 1'	E207082-16A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP17 - 1'	E207082-17A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP18 - 1'	E207082-18A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.
COMP19 - 1'	E207082-19A	Soil	07/14/22	07/18/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP1 - 4'
E207082-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	155	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	98.7	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2230013
Chloride	44.1	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP2 - 4'
E207082-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP3 - 8'
E207082-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.4 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		89.4 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP4 - 8'
E207082-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		117 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.1 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	37.7	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>						
		88.6 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP5 - 8'
E207082-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	36.7	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP6 - 2'
E207082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	408	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	249	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	77.0	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP7 - 4'
E207082-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	39.2	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	43.8	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP8 - 4'
E207082-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	31.7	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP9 - 1'
E207082-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.4 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	91.4	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	52.8	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		98.3 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP10 - 1'

E207082-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	165	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	97.9	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		89.2 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	27.3	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP11 - 1'
E207082-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		117 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.6 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		96.9 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP12 - 1'
E207082-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		118 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.8 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	86.7	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	63.2	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	32.5	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP13 - 1'

E207082-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		120 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.6 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP14 - 1'
E207082-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		121 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		85.2 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP15 - 1'

E207082-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		122 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.9 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP16 - 1'

E207082-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP17 - 1'

E207082-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		84.7 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP18 - 1'
E207082-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		83.4 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/19/2022 4:04:35PM
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COMP19 - 1'

E207082-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Benzene	ND	0.0250	1	07/15/22	07/18/22	
Ethylbenzene	ND	0.0250	1	07/15/22	07/18/22	
Toluene	ND	0.0250	1	07/15/22	07/18/22	
o-Xylene	ND	0.0250	1	07/15/22	07/18/22	
p,m-Xylene	ND	0.0500	1	07/15/22	07/18/22	
Total Xylenes	ND	0.0250	1	07/15/22	07/18/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2229095
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/22	07/18/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	07/15/22	07/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230008
Diesel Range Organics (C10-C28)	ND	25.0	1	07/18/22	07/18/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/18/22	07/18/22	
<i>Surrogate: n-Nonane</i>		88.9 %	50-200	07/18/22	07/18/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230013
Chloride	ND	20.0	1	07/18/22	07/18/22	



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/19/2022 4:04:35PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2229095-BLK1)

Prepared: 07/15/22 Analyzed: 07/19/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			

LCS (2229095-BS1)

Prepared: 07/15/22 Analyzed: 07/19/22

Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.7	70-130			
Toluene	4.76	0.0250	5.00		95.2	70-130			
o-Xylene	4.68	0.0250	5.00		93.6	70-130			
p,m-Xylene	9.06	0.0500	10.0		90.6	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

LCS Dup (2229095-BSD1)

Prepared: 07/15/22 Analyzed: 07/19/22

Benzene	4.50	0.0250	5.00		89.9	70-130	12.0	20	
Ethylbenzene	3.91	0.0250	5.00		78.2	70-130	11.5	20	
Toluene	4.23	0.0250	5.00		84.6	70-130	11.8	20	
o-Xylene	4.17	0.0250	5.00		83.4	70-130	11.5	20	
p,m-Xylene	8.10	0.0500	10.0		81.0	70-130	11.1	20	
Total Xylenes	12.3	0.0250	15.0		81.8	70-130	11.2	20	
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/19/2022 4:04:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2229095-BLK1)

Prepared: 07/15/22 Analyzed: 07/19/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

LCS (2229095-BS2)

Prepared: 07/15/22 Analyzed: 07/19/22

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

LCS Dup (2229095-BSD2)

Prepared: 07/15/22 Analyzed: 07/19/22

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130	0.855	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/19/2022 4:04:35PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230008-BLK1)

Prepared: 07/18/22 Analyzed: 07/18/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.6		50.0		125	50-200			

LCS (2230008-BS1)

Prepared: 07/18/22 Analyzed: 07/18/22

Diesel Range Organics (C10-C28)	496	25.0	500		99.2	38-132			
Surrogate: n-Nonane	56.4		50.0		113	50-200			

Matrix Spike (2230008-MS1)

Source: E207082-07

Prepared: 07/18/22 Analyzed: 07/18/22

Diesel Range Organics (C10-C28)	554	25.0	500	39.2	103	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			

Matrix Spike Dup (2230008-MSD1)

Source: E207082-07

Prepared: 07/18/22 Analyzed: 07/18/22

Diesel Range Organics (C10-C28)	567	25.0	500	39.2	106	38-132	2.34	20	
Surrogate: n-Nonane	58.7		50.0		117	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/19/2022 4:04:35PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2230013-BLK1)

Prepared: 07/18/22 Analyzed: 07/18/22

Chloride	ND	20.0							
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LCS (2230013-BS1)

Prepared: 07/18/22 Analyzed: 07/18/22

Chloride	259	20.0	250		103	90-110			
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Matrix Spike (2230013-MS1)

Source: E207082-01

Prepared: 07/18/22 Analyzed: 07/18/22

Chloride	287	20.0	250	44.1	97.0	80-120			
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Matrix Spike Dup (2230013-MSD1)

Source: E207082-01

Prepared: 07/18/22 Analyzed: 07/18/22

Chloride	283	20.0	250	44.1	95.4	80-120	1.38	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/19/22 16:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Client: TADROCK
 Project: BETTS 20 STARS COM 4
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: F.S.S
 Address: 2724 W. COUNTY RD
 City, State, Zip: HOBBS NM 88240
 Phone: 575 390 6397
 Email: NATALIE GLADDEN

Lab Use Only
 Lab WO# E207082 Job Number 20046-000
 1D 2D 3D Standard
 Analysis and Method

EPA Program
 CWA SDWA
 RCRA
 State
 NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NIM	BGDOC TX	Remarks
	7/14/22	S	1	COMP1-4'	1							X		
				COMP2-4'	2									
				COMP3-8'	3									
				COMP4-8'	4									
				COMP5-8'	5									
				COMP6-2'	6									
				COMP7-4'	7									
				COMP8-4'	8									
				COMP9-1'	9									
				COMP10-1'	10									

Additional Instructions:

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

Relinquished by: (Signature) <u>Marc Rivera</u>	Date <u>7/14/22</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>7-15-22</u>	Time <u>2:40</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7-15-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7/18/22</u>	Time <u>10:05</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Project Information

Chain of Custody

Client: TADPOCK
 Project: BENTON STATE CORP
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: ESS
 Address: 2724 W COUNTY RD
 City, State, Zip: HOUSTON TX 77045
 Phone: 575 390 6397
 Email: NATALIE GLADDEN

Lab Use Only
 Lab WO# E207082 Job Number 20046-0001
 1D 2D 3D
 TAT
 Standard
 EPA Program
 CWA SDWA
 RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks		
														NM	CO	UT	AZ	TX			
	7/14/22	S	1	COMP 11 - 1"	11							X		X							
				COMP 12 - 1"	12																
				COMP 13 - 1"	13																
				COMP 14 - 1"	14																
				COMP 15 - 1"	15																
				COMP 16 - 1"	16																
				COMP 17 - 1"	17																
				COMP 18 - 1"	18																
				COMP 19 - 1"	19																

Additional Instructions:

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7/14/22</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>7-15-22</u>	Time <u>2:45</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7-15-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7/18/22</u>	Time <u>10:05</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
 Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/18/2022 10:47:20AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 07/18/22 10:05	Work Order ID: E207082
Phone: (575) 390-6397	Date Logged In: 07/15/22 17:25	Logged In By: Alexa Michaels
Email: natalie@energystaffingllc.com	Due Date: 07/18/22 17:00 (0 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Comments/Resolution

Time sampled and project manager not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 State Com 4

Work Order: E207113

Job Number: 20046-0001

Received: 7/19/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 7/21/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 State Com 4
Workorder: E207113
Date Received: 7/19/2022 10:12:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/19/2022 10:12:00AM, under the Project Name: Bettis 20 State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis 20 State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 07/21/22 13:46
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 20 - 1'	E207113-01A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 21 - 1'	E207113-02A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 22 - 1'	E207113-03A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 23 - 1'	E207113-04A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 24 - 1'	E207113-05A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 25 - 1'	E207113-06A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 26 - 1'	E207113-07A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 27 - 1'	E207113-08A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 28 - 1'	E207113-09A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 29 - 1'	E207113-10A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 30 - 1'	E207113-11A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 31 - 1'	E207113-12A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 32 - 1'	E207113-13A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 33 - 1'	E207113-14A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 34 - 1'	E207113-15A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 35 - 2'	E207113-16A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 36 - 2'	E207113-17A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 37 - 2'	E207113-18A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 38 - 2'	E207113-19A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 39 - 2'	E207113-20A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 20 - 1'

E207113-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		82.7 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 21 - 1'
E207113-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		80.1 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 22 - 1'
E207113-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		99.2 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 23 - 1'

E207113-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	53.2	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 24 - 1'
E207113-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	92.5	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	59.7	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 25 - 1'

E207113-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	103	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	71.9	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		99.5 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	20.5	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 26 - 1'

E207113-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	85.7	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	63.8	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		100 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	61.1	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 27 - 1'

E207113-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	113	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	73.8	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		97.4 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 28 - 1'

E207113-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.4 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	60.2	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 29 - 1'

E207113-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.9 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		100 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 30 - 1'
E207113-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 31 - 1'

E207113-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>						
		102 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 32 - 1'
E207113-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		99.3 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	47.5	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 33 - 1'

E207113-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		99.4 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 34 - 1'

E207113-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		99.7 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 35 - 2'

E207113-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.1 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>						
		85.1 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 36 - 2'

E207113-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>						
		81.8 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 37 - 2'

E207113-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 38 - 2'
E207113-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		123 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.3 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>						
		93.4 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 1:46:47PM
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Comp 39 - 2'

E207113-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		123 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2230034
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.5 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230039
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		96.4 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230030
Chloride	ND	20.0	1	07/19/22	07/19/22	



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 1:46:47PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2230034-BLK1)

Prepared: 07/19/22 Analyzed: 07/19/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			

LCS (2230034-BS1)

Prepared: 07/19/22 Analyzed: 07/19/22

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.37	0.0250	5.00		87.4	70-130			
Toluene	4.72	0.0250	5.00		94.4	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.04	0.0500	10.0		90.4	70-130			
Total Xylenes	13.7	0.0250	15.0		91.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		105	70-130			

LCS Dup (2230034-BSD1)

Prepared: 07/19/22 Analyzed: 07/19/22

Benzene	5.06	0.0250	5.00		101	70-130	0.711	20	
Ethylbenzene	4.40	0.0250	5.00		88.0	70-130	0.674	20	
Toluene	4.75	0.0250	5.00		95.1	70-130	0.754	20	
o-Xylene	4.70	0.0250	5.00		94.1	70-130	0.754	20	
p,m-Xylene	9.10	0.0500	10.0		91.0	70-130	0.615	20	
Total Xylenes	13.8	0.0250	15.0		92.0	70-130	0.662	20	
Surrogate: 4-Bromochlorobenzene-PID	8.45		8.00		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 1:46:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230034-BLK1)

Prepared: 07/19/22 Analyzed: 07/19/22

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

LCS (2230034-BS2)

Prepared: 07/19/22 Analyzed: 07/19/22

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

LCS Dup (2230034-BSD2)

Prepared: 07/19/22 Analyzed: 07/19/22

Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.1	70-130	5.89	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 1:46:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2230039-BLK1)

Prepared: 07/19/22 Analyzed: 07/19/22

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 (2230039-BS1)

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Matrix Spike (2230039-MS1)

Source: E207113-13

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike Dup (2230039-MSD1)

Source: E207113-13

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	38-132	3.35	20	
Surrogate: n-Nonane	56.2		50.0		112	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 1:46:47PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2230030-BLK1)

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride	ND	20.0							
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LCS (2230030-BS1)

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride	251	20.0	250		100	90-110			
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Matrix Spike (2230030-MS1)

Source: E207113-01

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride	251	20.0	250	ND	101	80-120			
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Matrix Spike Dup (2230030-MSD1)

Source: E207113-01

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride	253	20.0	250	ND	101	80-120	0.768	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/21/22 13:46

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to: Imaging - 1/10/2023 12:08:48 PM

2 day

Client: <u>TAPROCK</u> Project: <u>BETHS 20 ST COM 4</u> Project Manager: Address: City, State, Zip: Phone: Email: Report due by:	Bill To Attention: <u>ESS</u> Address: <u>2724 W COUNTY RD</u> City, State, Zip: <u>HOBBS NM 88240</u> Phone: <u>575 390-6397</u> Email: <u>NATALIE GLADDEN</u>	Lab Use Only Lab WO# <u>E207113</u> Job Number <u>200460001</u> Analysis and Method	TAT 1D <input checked="" type="checkbox"/> 2D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	7/15/22	S	1	COMP 20 -1	1							<input checked="" type="checkbox"/>		
				COMP 21 -1	2									
				COMP 22 -1	3									
				COMP 23 -1	4									
				COMP 24 -1	5									
				COMP 25 -1	6									
				COMP 26 -1	7									
				COMP 27 -1	8									
				COMP 28 -1	9									
				COMP 29 -1	10									

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>[Signature]</i>	7/15/22	12:20	<i>[Signature]</i>	7-18-22	1:45	
<i>[Signature]</i>	7-18-22	4:15	<i>[Signature]</i>	7/19/22	10:12	

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

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



Received by: OCD: 12/12/2022 1:17:45 PM

Page 32 of 596

Client: TAPROCK
 Project: BETUS 20 ST COM 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:

Bill To
 Attention: ESS
 Address: 2724 W COUNTY RD
 City, State, Zip: HOSCO NM 88240
 Phone: 575 390-6397
 Email: NATALIE GLADDEN

Lab Use Only
 Lab WO# E207113 Job Number 20046-0001
 TAT: 1D 2D 3D
 Standard
 EPA Program: CWA SDWA
 RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	7/15/22	S	1	Comp 30 - 1'	11							X		
				Comp 31 - 1'	12									
				Comp 32 - 1'	13									
				Comp 33 - 1'	14									
				Comp 34 - 1'	15									
				Comp 35 - 2'	16									
				Comp 36 - 2'	17									
				Comp 37 - 2'	18									
				Comp 38 - 2'	19									
				Comp 39 - 2'	20									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Sampled by: Yazac R. W. ...
 Received by: ...
 Date: 7/15/22 Time: 2:30
 Date: 7-18-22 Time: 1:45p
 Received by: ...
 Date: 7-18-22 Time: 4:15
 Received by: ...
 Date: 7/19/22 Time: 10:12
 Received by: ...
 Date:
 Time:
 Lab Use Only
 Received on ice: Y / N
 T1 _____ T2 _____ T3 _____
 AVG Temp °C 4

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

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



Envirotech Analytical Laboratory

Printed: 7/19/2022 12:23:56PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 07/19/22 10:12	Work Order ID: E207113
Phone: (575) 390-6397	Date Logged In: 07/19/22 08:44	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 07/20/22 17:00 (1 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Project has been separated into 2 reports due to amount of samples. Workorders are as follows: E207113 COC pg 1&2 of 4, E207114 COC pg 3&4 of 4. Time sampled and project manager not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? No
 - 11. If yes, were custody/security seals intact? NA
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 State Com 4

Work Order: E207114

Job Number: 20046-0001

Received: 7/19/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/20/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 7/20/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 State Com 4
Workorder: E207114
Date Received: 7/19/2022 10:12:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/19/2022 10:12:00AM, under the Project Name: Bettis 20 State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis 20 State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 07/20/22 17:11
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 40 - 2'	E207114-01A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 41 - 2'	E207114-02A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 42 - 2'	E207114-03A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 43 - 2'	E207114-04A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 44 - 2'	E207114-05A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 45 - 2'	E207114-06A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 46 - 2'	E207114-07A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 47 - 2'	E207114-08A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 48 - 2'	E207114-09A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 49 - 2'	E207114-10A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.
Comp 50 - 2'	E207114-11A	Soil	07/15/22	07/19/22	Glass Jar, 4 oz.

Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 40 - 2'

E207114-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/19/22
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22
Toluene	ND	0.0250	1	07/19/22	07/19/22
o-Xylene	ND	0.0250	1	07/19/22	07/19/22
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22
<i>Surrogate: Bromofluorobenzene</i>	101 %	70-130		07/19/22	07/19/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.2 %	70-130		07/19/22	07/19/22
<i>Surrogate: Toluene-d8</i>	104 %	70-130		07/19/22	07/19/22

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22
<i>Surrogate: Bromofluorobenzene</i>	101 %	70-130		07/19/22	07/19/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.2 %	70-130		07/19/22	07/19/22
<i>Surrogate: Toluene-d8</i>	104 %	70-130		07/19/22	07/19/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22
<i>Surrogate: n-Nonane</i>	115 %	50-200		07/19/22	07/19/22

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 41 - 2'

E207114-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		98.9 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		98.9 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		122 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 42 - 2'

E207114-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 43 - 2'

E207114-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 44 - 2'

E207114-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	35.9	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 45 - 2'

E207114-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/19/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/19/22	
Toluene	ND	0.0250	1	07/19/22	07/19/22	
o-Xylene	ND	0.0250	1	07/19/22	07/19/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/19/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/19/22	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	07/19/22	07/19/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/19/22	07/19/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/19/22	07/19/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		121 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 46 - 2'

E207114-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 47 - 2'
E207114-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.4 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.4 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 48 - 2'
E207114-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		87.1 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		96.6 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		87.1 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		96.6 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 49 - 2'
E207114-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		92.4 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		92.4 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		121 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/20/2022 5:11:43PM
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Comp 50 - 2'

E207114-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Benzene	ND	0.0250	1	07/19/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/19/22	07/20/22	
Toluene	ND	0.0250	1	07/19/22	07/20/22	
o-Xylene	ND	0.0250	1	07/19/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/19/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230033
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/19/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	07/19/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/19/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	07/19/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/19/22	
<i>Surrogate: n-Nonane</i>		121 %	50-200	07/19/22	07/19/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2230031
Chloride	ND	20.0	1	07/19/22	07/19/22	



QC Summary Data

Tap Rock	Project Name: Bettis 20 State Com 4	Reported: 7/20/2022 5:11:43PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230033-BLK1)

Prepared: 07/19/22 Analyzed: 07/20/22

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	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.544		0.500		109	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS (2230033-BS1)

Prepared: 07/19/22 Analyzed: 07/20/22

Benzene	2.36	0.0250	2.50		94.5	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.6	70-130			
Toluene	2.40	0.0250	2.50		96.0	70-130			
o-Xylene	2.45	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.82	0.0500	5.00		96.5	70-130			
Total Xylenes	7.28	0.0250	7.50		97.1	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.538		0.500		108	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

LCS Dup (2230033-BSD1)

Prepared: 07/19/22 Analyzed: 07/20/22

Benzene	2.35	0.0250	2.50		93.8	70-130	0.743	23	
Ethylbenzene	2.33	0.0250	2.50		93.2	70-130	1.43	27	
Toluene	2.31	0.0250	2.50		92.6	70-130	3.61	24	
o-Xylene	2.42	0.0250	2.50		96.8	70-130	1.46	27	
p,m-Xylene	4.69	0.0500	5.00		93.9	70-130	2.73	27	
Total Xylenes	7.11	0.0250	7.50		94.8	70-130	2.30	27	
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/20/2022 5:11:43PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2230033-BLK1)

Prepared: 07/19/22 Analyzed: 07/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.544		0.500		109	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.6	70-130			

LCS (2230033-BS2)

Prepared: 07/19/22 Analyzed: 07/20/22

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

LCS Dup (2230033-BSD2)

Prepared: 07/19/22 Analyzed: 07/20/22

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0		108	70-130	5.48	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/20/2022 5:11:43PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230040-BLK1)

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	50-200			

LCS (2230040-BS1)

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike (2230040-MS1)

Source: E207114-03

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	57.6		50.0		115	50-200			

Matrix Spike Dup (2230040-MSD1)

Source: E207114-03

Prepared: 07/19/22 Analyzed: 07/19/22

Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132	6.45	20	
Surrogate: n-Nonane	61.0		50.0		122	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/20/2022 5:11:43PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2230031-BLK1)

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride ND 20.0

LCS (2230031-BS1)

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride 269 20.0 250 107 90-110

Matrix Spike (2230031-MS1)

Source: E207114-01

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride 272 20.0 250 ND 109 80-120

Matrix Spike Dup (2230031-MSD1)

Source: E207114-01

Prepared: 07/19/22 Analyzed: 07/19/22

Chloride 274 20.0 250 ND 110 80-120 1.05 20

QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/20/22 17:11

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.



2 day

3044

Client: <u>TADROCK</u> Project: <u>BATTIS 20 ST COM 4</u> Project Manager: Address: City, State, Zip: Phone: Email:	Bill To Attention: <u>ESS</u> Address: <u>2724 W. COUNTY RD</u> City, State, Zip: <u>HOBBS NM 88400</u> Phone: <u>505 390-6397</u> Email: <u>NATALIE GLADEN</u>	Lab Use Only Lab WO# <u>E207114</u> Job Number <u>200460001</u>	TAT 1D <input checked="" type="checkbox"/> 2D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>
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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	BGDOC NM	BGDOC TX	Remarks
	7/15/21	S	1	Comp 40 - 2'	1							X		
				Comp 41 - 2'	2									
				Comp 42 - 2'	3									
				Comp 43 - 2'	4									
				Comp 44 - 2'	5									
				Comp 45 - 2'	6									
				Comp 46 - 2'	7									
				Comp 47 - 2'	8									
				Comp 48 - 2'	9									
				Comp 49 - 2'	10									

Additional Instructions:

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

Sampled by: MARCO RIVERA

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

Relinquished by: (Signature) <u>[Signature]</u>	Date 7/15/21	Time 5:30	Received by: (Signature) <u>[Signature]</u>	Date 7/19/22	Time 12:45	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Relinquished by: (Signature) <u>[Signature]</u>	Date 7-8-22	Time 5:15	Received by: (Signature) <u>[Signature]</u>	Date 7/19/22	Time 10:12	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>4</u>

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

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



2 day

Client: TAPROCK
 Project: BETAS 2DST COM4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

Bill To
 Attention: ESS
 Address: 7724 W COUNTY RD
 City, State, Zip: HEBBS NM 88246
 Phone: 575 390-6397
 Email: NATALIE GLADDEN

Lab Use Only
 Lab WO# E207114 Job Number 20040-001
 Analysis and Method
 TAT: 1D 2D 3D
 Standard
 EPA Program: CWA, SDWA, RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>7/15/22</u>	<u>S</u>	<u>1</u>	<u>Comp 50 - 2'</u>	<u>11</u>							<input checked="" type="checkbox"/>		

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7/15/22</u>	Time <u>12:45</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7-18-22</u>	Time <u>11:45</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7-18-22</u>	Time <u>4:15p</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7/19/22</u>	Time <u>10:12</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

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

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



Envirotech Analytical Laboratory

Printed: 7/19/2022 12:28:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 07/19/22 10:12	Work Order ID: E207114
Phone: (575) 390-6397	Date Logged In: 07/19/22 08:48	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 07/20/22 17:00 (1 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Project has been separated into 2 reports due to amount of samples. Workorders are as follows: E207113 COC pg 1&2 of 4, E207114 COC pg 3&4 of 4. Time sampled and project manager not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? No
 - 11. If yes, were custody/security seals intact? NA
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 State Com 4

Work Order: E207121

Job Number: 20046-0001

Received: 7/20/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/21/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 7/21/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 State Com 4
Workorder: E207121
Date Received: 7/20/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2022 10:15:00AM, under the Project Name: Bettis 20 State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis 20 State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock
7 W. Compress Road
Artesia NM, 88210

Project Name: Bettis 20 State Com 4
Project Number: 20046-0001
Project Manager: Natalie Gladden

Reported:
07/21/22 16:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 51 - 4'	E207121-01A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 52 - 4'	E207121-02A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 53 - 4'	E207121-03A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 54 - 4'	E207121-04A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 55 - 4'	E207121-05A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 56 - 4'	E207121-06A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 57 - 4'	E207121-07A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 58 - 4'	E207121-08A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 59 - 4'	E207121-09A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
Comp 60 - 4'	E207121-10A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 1 - 1'	E207121-11A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 2 - 1'	E207121-12A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 3 - 1'	E207121-13A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 4 - 2'	E207121-14A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 5 - 2'	E207121-15A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 6 - 2'	E207121-16A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 7 - 2'	E207121-17A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 8 - 2'	E207121-18A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 9 - 4'	E207121-19A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 10 - 4'	E207121-20A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.
SW Comp 11 - 8'	E207121-21A	Soil	07/18/22	07/20/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 51 - 4'

E207121-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2230053	
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.4 %	70-130	07/20/22	07/20/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2230053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.4 %	70-130	07/20/22	07/20/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2230057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		91.0 %	50-200	07/20/22	07/20/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2230059	
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 52 - 4'
E207121-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.5 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.5 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		90.0 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 53 - 4'

E207121-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.3 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.3 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		88.1 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 54 - 4'
E207121-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.4 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.8 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.4 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.8 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		94.9 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 55 - 4'
E207121-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		92.0 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		92.0 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/21/22	
<i>Surrogate: n-Nonane</i>		77.2 %	50-200	07/20/22	07/21/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 56 - 4'
E207121-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		96.7 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		120 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 57 - 4'

E207121-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 58 - 4'

E207121-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		92.9 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		92.9 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 59 - 4'
E207121-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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Comp 60 - 4'

E207121-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0500	2	07/20/22	07/20/22	
Ethylbenzene	ND	0.0500	2	07/20/22	07/20/22	
Toluene	ND	0.0500	2	07/20/22	07/20/22	
o-Xylene	ND	0.0500	2	07/20/22	07/20/22	
p,m-Xylene	ND	0.100	2	07/20/22	07/20/22	
Total Xylenes	ND	0.0500	2	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 1 - 1'

E207121-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.9 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.9 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	29.9	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 2 - 1'

E207121-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		92.9 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		92.9 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	31.3	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 3 - 1'

E207121-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 4 - 2'

E207121-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	0.0250	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/21/22	
<i>Surrogate: n-Nonane</i>		94.0 %	50-200	07/20/22	07/21/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	26.9	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 5 - 2'

E207121-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 6 - 2'

E207121-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.9 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 7 - 2'

E207121-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		93.8 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 8 - 2'
E207121-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		98.6 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 9 - 4'

E207121-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		94.0 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 10 - 4'

E207121-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230053
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/20/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/20/22	07/20/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	07/20/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230059
Chloride	ND	20.0	1	07/20/22	07/20/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/21/2022 4:36:14PM
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SW Comp 11 - 8'

E207121-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2230055
Benzene	ND	0.0250	1	07/20/22	07/20/22	
Ethylbenzene	ND	0.0250	1	07/20/22	07/20/22	
Toluene	ND	0.0250	1	07/20/22	07/20/22	
o-Xylene	ND	0.0250	1	07/20/22	07/20/22	
p,m-Xylene	ND	0.0500	1	07/20/22	07/20/22	
Total Xylenes	ND	0.0250	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2230055
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/22	07/20/22	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	07/20/22	07/20/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	07/20/22	07/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2230041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/19/22	07/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/19/22	07/20/22	
<i>Surrogate: n-Nonane</i>		129 %	50-200	07/19/22	07/20/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: RAS		Batch: 2230061
Chloride	76.9	20.0	1	07/20/22	07/20/22	



QC Summary Data

Tap Rock	Project Name: Bettis 20 State Com 4	Reported: 7/21/2022 4:36:14PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230053-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

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							
<i>Surrogate: Bromofluorobenzene</i>	0.483		0.500		96.6	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.550		0.500		110	70-130			
<i>Surrogate: Toluene-d8</i>	0.467		0.500		93.4	70-130			

LCS (2230053-BS1)

Prepared: 07/20/22 Analyzed: 07/21/22

Benzene	2.27	0.0250	2.50		90.7	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.6	70-130			
Toluene	2.25	0.0250	2.50		90.1	70-130			
o-Xylene	2.38	0.0250	2.50		95.3	70-130			
p,m-Xylene	4.61	0.0500	5.00		92.2	70-130			
Total Xylenes	6.99	0.0250	7.50		93.2	70-130			
<i>Surrogate: Bromofluorobenzene</i>	0.506		0.500		101	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.502		0.500		100	70-130			
<i>Surrogate: Toluene-d8</i>	0.489		0.500		97.8	70-130			

LCS Dup (2230053-BSD1)

Prepared: 07/20/22 Analyzed: 07/21/22

Benzene	2.30	0.0250	2.50		91.9	70-130	1.34	23	
Ethylbenzene	2.28	0.0250	2.50		91.2	70-130	0.616	27	
Toluene	2.25	0.0250	2.50		89.9	70-130	0.200	24	
o-Xylene	2.35	0.0250	2.50		94.2	70-130	1.20	27	
p,m-Xylene	4.61	0.0500	5.00		92.2	70-130	0.0434	27	
Total Xylenes	6.96	0.0250	7.50		92.8	70-130	0.437	27	
<i>Surrogate: Bromofluorobenzene</i>	0.505		0.500		101	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.514		0.500		103	70-130			
<i>Surrogate: Toluene-d8</i>	0.498		0.500		99.5	70-130			



QC Summary Data

Tap Rock	Project Name: Bettis 20 State Com 4	Reported: 7/21/2022 4:36:14PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2230055-BLK1)

Prepared: 07/20/22 Analyzed: 07/21/22

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							
<i>Surrogate: Bromofluorobenzene</i>	0.501		0.500		100	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.481		0.500		96.2	70-130			
<i>Surrogate: Toluene-d8</i>	0.525		0.500		105	70-130			

LCS (2230055-BS1)

Prepared: 07/20/22 Analyzed: 07/21/22

Benzene	2.14	0.0250	2.50		85.6	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.1	70-130			
Toluene	2.20	0.0250	2.50		88.1	70-130			
o-Xylene	2.15	0.0250	2.50		86.0	70-130			
p,m-Xylene	4.27	0.0500	5.00		85.3	70-130			
Total Xylenes	6.42	0.0250	7.50		85.6	70-130			
<i>Surrogate: Bromofluorobenzene</i>	0.514		0.500		103	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.495		0.500		98.9	70-130			
<i>Surrogate: Toluene-d8</i>	0.531		0.500		106	70-130			

LCS Dup (2230055-BSD1)

Prepared: 07/20/22 Analyzed: 07/21/22

Benzene	2.28	0.0250	2.50		91.3	70-130	6.40	23	
Ethylbenzene	2.42	0.0250	2.50		96.9	70-130	6.13	27	
Toluene	2.34	0.0250	2.50		93.7	70-130	6.23	24	
o-Xylene	2.26	0.0250	2.50		90.6	70-130	5.12	27	
p,m-Xylene	4.50	0.0500	5.00		89.9	70-130	5.22	27	
Total Xylenes	6.76	0.0250	7.50		90.1	70-130	5.18	27	
<i>Surrogate: Bromofluorobenzene</i>	0.501		0.500		100	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.498		0.500		99.6	70-130			
<i>Surrogate: Toluene-d8</i>	0.531		0.500		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 4:36:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2230053-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.483		0.500		96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.550		0.500		110	70-130			
Surrogate: Toluene-d8	0.467		0.500		93.4	70-130			

LCS (2230053-BS2)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0		85.7	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			

LCS Dup (2230053-BSD2)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.1	70-130	0.476	20	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/21/2022 4:36:14PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230055-BLK1)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2230055-BS2)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

LCS Dup (2230055-BSD2)

Prepared: 07/20/22 Analyzed: 07/21/22

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130	0.937	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported: 7/21/2022 4:36:14PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230041-BLK1)

Prepared: 07/19/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.9		50.0		112	50-200			

LCS (2230041-BS1)

Prepared: 07/19/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			

Matrix Spike (2230041-MS1)

Source: E207084-10

Prepared: 07/19/22 Analyzed: 07/21/22

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.5	38-132			
Surrogate: n-Nonane	48.6		50.0		97.3	50-200			

Matrix Spike Dup (2230041-MSD1)

Source: E207084-10

Prepared: 07/19/22 Analyzed: 07/21/22

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	15.9	20	
Surrogate: n-Nonane	58.3		50.0		117	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 4:36:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2230057-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.8		50.0		83.6	50-200			

LCS (2230057-BS1)

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	216	25.0	250		86.3	38-132			
Surrogate: n-Nonane	38.1		50.0		76.2	50-200			

Matrix Spike (2230057-MS1)

Source: E207121-05

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.9	38-132			
Surrogate: n-Nonane	43.9		50.0		87.9	50-200			

Matrix Spike Dup (2230057-MSD1)

Source: E207121-05

Prepared: 07/20/22 Analyzed: 07/20/22

Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.2	38-132	11.7	20	
Surrogate: n-Nonane	39.7		50.0		79.3	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 4:36:14PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2230059-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	ND	20.0							
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LCS (2230059-BS1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	252	20.0	250		101	90-110			
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LCS Dup (2230059-BSD1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	250	20.0	250		99.8	90-110	1.09	20	
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QC Summary Data

Tap Rock	Project Name:	Bettis 20 State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/21/2022 4:36:14PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2230061-BLK1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	ND	20.0							
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LCS (2230061-BS1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	261	20.0	250		104	90-110			
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LCS Dup (2230061-BSD1)

Prepared: 07/20/22 Analyzed: 07/20/22

Chloride	260	20.0	250		104	90-110	0.248	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/21/22 16:36

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Client: LA FLOCK
 Project: BETTS 20 STATE COM 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

Bill To
 Attention: ESJ
 Address: 2724 W COUNTY RD
 City, State, Zip: HOBBS NM 88240
 Phone: 575 390-6397
 Email: NATALIE CLASEN

Lab Use Only
 Lab WO# E 207121 Job Number 20046-001
 1D 2D 3D Standard CWA SDWA
 Analysis and Method
 RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks	
														NM	CO	UT	AZ	TX		
	<u>7/14/22</u>	<u>S</u>	<u>1</u>	<u>COMP 51 - 4'</u>	<u>1</u>							<u>X</u>								
				<u>52 - 4'</u>	<u>2</u>															
				<u>53 - 4'</u>	<u>3</u>															
				<u>54 - 4'</u>	<u>4</u>															
				<u>55 - 4'</u>	<u>5</u>															
				<u>56 - 4'</u>	<u>6</u>															
				<u>57 - 4'</u>	<u>7</u>															
				<u>58 - 4'</u>	<u>8</u>															
				<u>59 - 4'</u>	<u>9</u>															
				<u>60 - 4'</u>	<u>10</u>															

Additional Instructions:

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

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7/19/22</u>	Time <u>1:55</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7-19-22</u>	Time <u>3:00</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7-19-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7/20/22</u>	Time <u>10:15</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

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

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



Released for Imaging: 1/10/2023 12:08:48 PM

Project Information

Chain of Custody

Client: TAPROCK
 Project: BETTIS 20 STATE COM 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

Bill To
 Attention: K. SS
 Address: 2724 W COUNTY RD
 City, State, Zip: HOBBS NM 88240
 Phone: 575 390 6397
 Email: NATALIE GLADDER

Lab Use Only
 Lab WO# E207121 Job Number 20046-0001
 TAT: 1D, 2D, 3D, Standard
 EPA Program: CWA, SDWA, RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks	
														NM	CO	UT	AZ	TX		
	7/19/22	S	1	SW COMP 1-15	11							Y								
				2-1-	12															
				3-1-	13															
				4-2-	14															
				5-2-	15															
				6-2-	16															
				7-2-	17															
				8-2-	18															
				9-4-	19															
				10-4-	20															

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>DLN</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	7/19/22	1:55 P	<u>[Signature]</u>	7-19-22	3:04 P	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	7-19-22	4:15 P	<u>[Signature]</u>	7/20/22	10:15	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
 Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project Information

Chain of Custody

Client: TAPROCK
 Project: BSTLS 20 STATE COM 4
 Project Manager:
 Address:
 City, State, Zip:
 Phone:
 Email:
 Report due by:

Bill To
 Attention: ESS
 Address: 2724 W COUNTY RD
 City, State, Zip: ALBUQU NM 88240
 Phone: 505 390-6397
 Email: NATALIE SCANLON

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E207121</u>	<u>20046-0001</u>						
Analysis and Method							RCRA

State				
NM	CO	UT	AZ	TX
<input checked="" type="checkbox"/>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>7/12/22</u>	<u>S</u>	<u>1</u>	<u>SW COMP 10-8'</u>	<u>21</u>							<input checked="" type="checkbox"/>		

Additional Instructions:

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

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7/12/22</u>	Time <u>1:55p</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7-19-22</u>	Time <u>3:00p</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7-19-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7/20/22</u>	Time <u>10:15</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Envirotech Analytical Laboratory

Printed: 7/20/2022 11:58:53AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 07/20/22 10:15	Work Order ID: E207121
Phone: (575) 390-6397	Date Logged In: 07/20/22 08:31	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 07/20/22 17:00 (0 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Comments/Resolution

Time sampled and project manager not provided on COC.

Client Instruction

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

Date



envirotech Inc.

Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis 20 St Com #4

Work Order: E207182

Job Number: 20046-0001

Received: 7/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/28/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 7/28/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis 20 St Com #4
Workorder: E207182
Date Received: 7/27/2022 10:20:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/27/2022 10:20:00AM, under the Project Name: Bettis 20 St Com #4.

The analytical test results summarized in this report with the Project Name: Bettis 20 St Com #4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 07/28/22 16:03
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Comp 1A - 4'	E207182-01A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 6A - 2'	E207182-02A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 9A - 2'	E207182-03A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 10A - 2'	E207182-04A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 12A - 2'	E207182-05A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 23A - 2'	E207182-06A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 24A - 2'	E207182-07A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 25A - 2'	E207182-08A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 26A - 2'	E207182-09A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 27A - 2'	E207182-10A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 28A - 2'	E207182-11A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
Comp 55A - 3'	E207182-12A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW Comp 4A - 3'	E207182-13A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 1A - 4'

E207182-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22	
<i>Surrogate: n-Nonane</i>						
		86.2 %	50-200	07/27/22	07/27/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 6A - 2'

E207182-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22	
<i>Surrogate: n-Nonane</i>		86.8 %	50-200	07/27/22	07/27/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 9A - 2'

E207182-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22	
<i>Surrogate: n-Nonane</i>		84.8 %	50-200	07/27/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 10A - 2'
E207182-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22	
<i>Surrogate: n-Nonane</i>		86.5 %	50-200	07/27/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 12A - 2'

E207182-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22	
<i>Surrogate: n-Nonane</i>		85.5 %	50-200	07/27/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 23A - 2'

E207182-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/27/22	
<i>Surrogate: n-Nonane</i>		87.7 %	50-200	07/27/22	07/27/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 24A - 2'

E207182-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>		84.8 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 25A - 2'
E207182-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>		83.7 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 26A - 2'
E207182-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>		92.1 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 27A - 2'

E207182-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.7 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>						
		80.4 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 28A - 2'

E207182-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.9 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.1 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>						
		86.9 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/27/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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Comp 55A - 3'

E207182-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.3 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>						
		88.0 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis 20 St Com #4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 7/28/2022 4:03:02PM
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SW Comp 4A - 3'

E207182-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Benzene	ND	0.0250	1	07/27/22	07/28/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/28/22	
Toluene	ND	0.0250	1	07/27/22	07/28/22	
o-Xylene	ND	0.0250	1	07/27/22	07/28/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/28/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2231050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	07/27/22	07/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2231041
Diesel Range Organics (C10-C28)	ND	25.0	1	07/27/22	07/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/27/22	07/28/22	
<i>Surrogate: n-Nonane</i>		84.7 %	50-200	07/27/22	07/28/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2231054
Chloride	ND	20.0	1	07/27/22	07/28/22	



QC Summary Data

Tap Rock	Project Name: Bettis 20 St Com #4	Reported: 7/28/2022 4:03:02PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2231050-BLK1)

Prepared: 07/27/22 Analyzed: 07/27/22

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	9.18		8.00		115	70-130			

LCS (2231050-BS1)

Prepared: 07/27/22 Analyzed: 07/27/22

Benzene	4.71	0.0250	5.00		94.1	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.77	0.0250	5.00		95.3	70-130			
o-Xylene	4.81	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.3	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.36		8.00		117	70-130			

LCS Dup (2231050-BSD1)

Prepared: 07/27/22 Analyzed: 07/27/22

Benzene	4.76	0.0250	5.00		95.3	70-130	1.21	20	
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130	1.24	20	
Toluene	4.80	0.0250	5.00		96.1	70-130	0.759	20	
o-Xylene	4.87	0.0250	5.00		97.4	70-130	1.15	20	
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130	1.35	20	
Total Xylenes	14.4	0.0250	15.0		96.2	70-130	1.28	20	
Surrogate: 4-Bromochlorobenzene-PID	9.21		8.00		115	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 St Com #4	Reported: 7/28/2022 4:03:02PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231050-BLK1)

Prepared: 07/27/22 Analyzed: 07/27/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.39		8.00		105	70-130			

LCS (2231050-BS2)

Prepared: 07/27/22 Analyzed: 07/28/22

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			

LCS Dup (2231050-BSD2)

Prepared: 07/27/22 Analyzed: 07/28/22

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.7	70-130	2.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.36		8.00		105	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 St Com #4	Reported: 7/28/2022 4:03:02PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2231041-BLK1)

Prepared: 07/27/22 Analyzed: 07/27/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n-Nonane</i>	44.0		50.0		88.1	50-200			

LCS (2231041-BS1)

Prepared: 07/27/22 Analyzed: 07/27/22

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: <i>n-Nonane</i>	42.8		50.0		85.6	50-200			

Matrix Spike (2231041-MS1)

Source: E207182-01

Prepared: 07/27/22 Analyzed: 07/28/22

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: <i>n-Nonane</i>	49.6		50.0		99.1	50-200			

Matrix Spike Dup (2231041-MSD1)

Source: E207182-01

Prepared: 07/27/22 Analyzed: 07/28/22

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	4.10	20	
Surrogate: <i>n-Nonane</i>	59.2		50.0		118	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis 20 St Com #4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 4:03:02PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2231054-BLK1)

Prepared: 07/27/22 Analyzed: 07/27/22

Chloride	ND	20.0							
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LCS (2231054-BS1)

Prepared: 07/27/22 Analyzed: 07/27/22

Chloride	251	20.0	250		101	90-110			
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Matrix Spike (2231054-MS1)

Source: E207180-01

Prepared: 07/27/22 Analyzed: 07/27/22

Chloride	2060	20.0	250	1780	110	80-120			
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Matrix Spike Dup (2231054-MSD1)

Source: E207180-01

Prepared: 07/27/22 Analyzed: 07/27/22

Chloride	2040	20.0	250	1780	102	80-120	1.02	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis 20 St Com #4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/28/22 16:03

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.



Client: Tap Rock
 Project: Beth's 20 St Com #4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:

Report Attention
 Report due by: ESS
 Attention: 2724 NW County Rd
 Address:
 City, State, Zip Hobbs, NM 88240
 Phone: 575-340-4397
 Email: natalie@energystaffing.com

Lab Use Only
 Lab WO# PE207182 Job Number 200416-0001
 TAT 1D 3D
 EPA Program RCRA CWA SDWA

Analysis and Method
 DRO/ORO by 8015
 GRO/DRO by 8015
 BTEX by 8021
 VOC by 8260
 Chloride 300.0
 TCEQ 1005
 BGDOC - NM
 BGDOC - TX
 State NM CO UT AZ

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	BGDOC - NM	BGDOC - TX	Remarks
	7/25	S	1	Comp 1A - 4'	1									
				Comp 6A - 2'	2									
				Comp 9A - 2'	3									
				Comp 10A - 2'	4									
				Comp 12A - 2'	5									
				Comp 23A - 2'	6									
				Comp 24A - 2'	7									
				Comp 25A - 2'	8									
				Comp 26A - 2'	9									
				Comp 27A - 2'	10									

Additional Instructions:

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

Relinquished by: (Signature) [Signature] Date 7/25/22 Time Received by: (Signature) [Signature] Date 7-26-22 Time 3:00p
 Relinquished by: (Signature) [Signature] Date 7-26-22 Time 4:5 Received by: (Signature) [Signature] Date 7/27/22 Time 10:20

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

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



5795 US Highway 64, Farmington, NM 87401
 24 Hour Emergency Response Phone: (800) 362-1879

Ph (505) 632-1881 Fx (505) 632-1865

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2022

Client: Top Rock
 Project: Pettis 20 S Comp 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:

Report Attention
 Report due by: ESS
 Attention:
 Address: Same
 City, State, Zip
 Phone:
 Email:

Lab Use Only
 Lab WO# PE207182 Job Number 2001160001
 TAT 1D 3D
 EPA Program RCRA CWA SDWA

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	Analysis and Method								State				Remarks		
						DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	BGDOC - NM	BGDOC - TX	NM	CO	UT	AZ			
	7/25	S	1	Comp 28 A - E 2'	11															
		S	S	Comp 55A - E 3'	12															
		S	S	SW Comp 4A - 3'	13															

Additional Instructions:

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7/25/22</u>	Time	Received by: (Signature) <u>[Signature]</u>	Date <u>7-26-22</u>	Time <u>3:15</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>7-26-22</u>	Time <u>3:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>7/27/22</u>	Time <u>10:20</u>	Received on ice: <input checked="" type="checkbox"/> / N
						T1 _____ T2 _____ T3 _____
						AVG Temp °C <u>4</u>

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

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



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 24 Hour Emergency Response Phone (800) 362-1879

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Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis State Com 4

Work Order: E211140

Job Number: 20046-0001

Received: 11/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/1/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis State Com 4
Workorder: E211140
Date Received: 11/23/2022 11:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2022 11:00:00AM, under the Project Name: Bettis State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Laboratory Administrator
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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/01/22 16:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP61	E211140-01A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP62	E211140-02A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP63	E211140-03A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP64	E211140-04A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP65	E211140-05A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP66	E211140-06A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP67	E211140-07A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP68	E211140-08A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP69	E211140-09A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP70	E211140-10A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP71	E211140-11A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP72	E211140-12A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP73	E211140-13A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP74	E211140-14A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP75	E211140-15A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP76	E211140-16A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP77	E211140-17A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP78	E211140-18A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP79	E211140-19A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP80	E211140-20A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP61

E211140-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY	Batch: 2248068		
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	

<i>Surrogate: Bromofluorobenzene</i>	106 %	70-130		11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	111 %	70-130		11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>	93.7 %	70-130		11/23/22	11/23/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY	Batch: 2248068		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>	106 %	70-130		11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	111 %	70-130		11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>	93.7 %	70-130		11/23/22	11/23/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL	Batch: 2248050		
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>	131 %	50-200		11/23/22	11/23/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL	Batch: 2248060		
Chloride	80.8	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP62

E211140-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		144 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	57.7	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP63

E211140-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		93.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		93.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	55.1	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP64
E211140-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		118 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	57.8	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP65
E211140-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		116 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		116 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		112 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	64.6	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP66

E211140-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	71.0	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP67

E211140-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		116 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		116 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	65.5	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP68

E211140-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	71.3	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP69

E211140-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		93.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	71.7	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP70
E211140-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		95.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	61.0	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP71

E211140-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	70.9	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP72

E211140-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	69.1	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP73

E211140-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		112 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	66.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP74
E211140-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.9 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	67.6	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP75

E211140-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	68.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP76

E211140-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	70.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP77

E211140-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		94.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	67.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP78
E211140-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	62.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:22:34PM
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COMP79

E211140-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		95.7 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248060
Chloride	66.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:22:34PM
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COMP80
E211140-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		96.4 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		121 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		94.7 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248068
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		96.4 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		121 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		94.7 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248050
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248060
Chloride	56.8	20.0	1	11/23/22	11/24/22	



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported: 12/1/2022 4:22:34PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2248068-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

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	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.574		0.500		115	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

LCS (2248068-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	2.40	0.0250	2.50		96.1	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.6	70-130			
Toluene	2.34	0.0250	2.50		93.6	70-130			
o-Xylene	2.44	0.0250	2.50		97.7	70-130			
p,m-Xylene	4.83	0.0500	5.00		96.7	70-130			
Total Xylenes	7.28	0.0250	7.50		97.0	70-130			
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.597		0.500		119	70-130			
Surrogate: Toluene-d8	0.466		0.500		93.2	70-130			

LCS Dup (2248068-BSD1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	2.37	0.0250	2.50		94.8	70-130	1.32	23	
Ethylbenzene	2.31	0.0250	2.50		92.3	70-130	0.260	27	
Toluene	2.31	0.0250	2.50		92.6	70-130	1.14	24	
o-Xylene	2.42	0.0250	2.50		96.9	70-130	0.822	27	
p,m-Xylene	4.77	0.0500	5.00		95.4	70-130	1.32	27	
Total Xylenes	7.19	0.0250	7.50		95.9	70-130	1.15	27	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.599		0.500		120	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:22:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2248068-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.574		0.500		115	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

LCS (2248068-BS2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.7	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.556		0.500		111	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

LCS Dup (2248068-BSD2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	45.4	20.0	50.0		90.8	70-130	1.24	20	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.585		0.500		117	70-130			
Surrogate: Toluene-d8	0.466		0.500		93.2	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported: 12/1/2022 4:22:34PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248050-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	69.7		50.0		139	50-200			

LCS (2248050-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	231	25.0	250		92.4	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			

Matrix Spike (2248050-MS1)

Source: E211140-08

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.1	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			

Matrix Spike Dup (2248050-MSD1)

Source: E211140-08

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.7	38-132	0.721	20	
Surrogate: n-Nonane	55.9		50.0		112	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:22:34PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2248060-BLK1)

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	ND	20.0							
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LCS (2248060-BS1)

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	250	20.0	250		99.9	90-110			
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Matrix Spike (2248060-MS1)

Source: E211140-01

Prepared: 11/23/22 Analyzed: 11/23/22

Chloride	342	20.0	250	80.8	104	80-120			
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Matrix Spike Dup (2248060-MSD1)

Source: E211140-01

Prepared: 11/23/22 Analyzed: 11/23/22

Chloride	331	20.0	250	80.8	100	80-120	3.00	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/01/22 16:22

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to Imaging: 11/07/2023 12:08:48 PM

Received by OCD: 12/12/2022 1:17:45 PM

Client: FAP RUCIC
 Project: Bettis State Com 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only				TAT			EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA	
<u>E211140</u>	<u>202460001</u>		<input checked="" type="checkbox"/>					
Analysis and Method								RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>11-22-22</u>	<u>S</u>	<u>1</u>	<u>SP61</u>	<u>1</u>							<input checked="" type="checkbox"/>		
				<u>SP62</u>	<u>2</u>									
				<u>SP63</u>	<u>3</u>									
				<u>SP64</u>	<u>4</u>									
				<u>SP65</u>	<u>5</u>									
				<u>SP66</u>	<u>6</u>									
				<u>SP67</u>	<u>7</u>									
				<u>SP68</u>	<u>8</u>									
				<u>SP69</u>	<u>9</u>									
				<u>SP70</u>	<u>10</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>17:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Released to Imaging: 11/10/2023 12:08:48 PM

Received by OCD: 12/12/2022 1:17:45 PM

Client: TAP ROCK
 Project: BETH'S STATE COM4
 Project Manager: _____
 Address: _____
 City, State, Zip _____
 Phone: _____
 Email: _____
 Report due by: _____

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

Lab Use Only				TAT			EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA	
<u>E211140</u>	<u>200460001</u>		<input checked="" type="checkbox"/>					
Analysis and Method								RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>11-22</u>	<u>S</u>	<u>1</u>	<u>SP71</u>	<u>11</u>							<input checked="" type="checkbox"/>		
				<u>SP72</u>	<u>12</u>									
				<u>SP73</u>	<u>13</u>									
				<u>SP74</u>	<u>14</u>									
				<u>SP75</u>	<u>15</u>									
				<u>SP76</u>	<u>16</u>									
				<u>SP77</u>	<u>17</u>									
				<u>SP78</u>	<u>18</u>									
				<u>SP79</u>	<u>19</u>									
				<u>SP 80</u>	<u>20</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) _____	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) _____	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) _____	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) _____	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	

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

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

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Page 446 of 596

Envirotech Analytical Laboratory

Printed: 11/23/2022 6:04:17PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 11/23/22 11:00	Work Order ID: E211140
Phone: (575) 390-6397	Date Logged In: 11/22/22 16:45	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 11/28/22 17:00 (1 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Comments/Resolution

Project manager and time sampled not provided on COC. Due to sample volume for project (Bettis State Com 4), we have separated this into multiple workorders. WO# are as follows: E211140 / E211141 / E211142 / E211143

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Client: <u>FAPROCIC</u>	Bill To	Lab Use Only		TAT		EPA Program			
Project: <u>Bettis State Com 4</u>	Attention: <u>ESS</u>	Lab WO# <u>E211140</u>	Job Number <u>202460001</u>	1D	2D	3D	Standard	CWA	SDWA
Project Manager:	Address: <u>2724 NW COUNTY ROAD</u>	Analysis and Method							RCRA
Address:	City, State, Zip <u>HOBBS, NM 88240</u>	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		
City, State, Zip	Phone: <u>575-393-9048</u>								
Phone:	EMAIL TO: <u>Natalie@energystaffingllc.com</u>								
Email:	<u>Dakoatah@energystaffingllc.com</u>								
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22-22	S	1	SP61 COMP 61	1							✓		
				SP62 COMP 62	2									
				SP63 COMP 63	3									
				SP64 COMP 64	4									
				SP65 COMP 65	5									
				SP66 COMP 66	6									
				SP67 COMP 67	7									
				SP68 COMP 68	8									
				SP69 COMP 69	9									
				SP70 COMP 70	10									

Additional Instructions: Per N. Gladden 12/01/22 AKA

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

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	Received on ice: <u>Y</u> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
						AVG Temp °C <u>4</u>

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

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



Project Information

Chain of Custody

Client: <u>TAP ROCK</u>	Bill To	Lab Use Only	TAT	EPA Program
Project: <u>Bettis State Com4</u>	Attention: <u>ESS</u>	Lab WO# <u>E211140</u>	Job Number <u>200410-0001</u>	CWA
Project Manager:	Address: <u>2724 NW COUNTY ROAD</u>	1D <input checked="" type="checkbox"/> 2D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>		SDWA
Address:	City, State, Zip <u>HOBBS, NM 88240</u>	Analysis and Method		
City, State, Zip	Phone: <u>575-393-9048</u>	RCRA		
Phone:	EMAIL TO: <u>Natalie@energystaffingllc.com</u>	State		
Email:	<u>Dakoatah@energystaffingllc.com</u>	NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>		
Report due by:		Remarks		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SP71 COMP 71	11							<input checked="" type="checkbox"/>		
				SP72 COMP 72	12									
				SP73 COMP 73	13									
				SP74 COMP 74	14									
				SP75 COMP 75	15									
				SP76 COMP 76	16									
				SP77 COMP 77	17									
				SP78 COMP 78	18									
				SP79 COMP 79	19									
				SP80 COMP 80	20									

Additional Instructions: Per N. Gladden 12/6/22

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>4</u>

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

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



Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis State Com 4

Work Order: E211141

Job Number: 20046-0001

Received: 11/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 12/1/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis State Com 4
Workorder: E211141
Date Received: 11/23/2022 11:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2022 11:00:00AM, under the Project Name: Bettis State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/01/22 16:23
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP81	E211141-01A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP82	E211141-02A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP83	E211141-03A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP84	E211141-04A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP85	E211141-05A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP86	E211141-06A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP87	E211141-07A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP88	E211141-08A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP89	E211141-09A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP90	E211141-10A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP91	E211141-11A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP92	E211141-12A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP93	E211141-13A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP94	E211141-14A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP95	E211141-15A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP96	E211141-16A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP97	E211141-17A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP98	E211141-18A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP99	E211141-19A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP100	E211141-20A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP81

E211141-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	64.1	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP82

E211141-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	63.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP83

E211141-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	69.3	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP84
E211141-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>						
		103 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	68.8	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP85

E211141-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.5 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	56.2	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP86

E211141-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.5 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	47.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP87

E211141-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	55.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP88

E211141-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	56.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP89

E211141-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/28/22	
Toluene	ND	0.0250	1	11/23/22	11/28/22	
o-Xylene	ND	0.0250	1	11/23/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	11/23/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.9 %	70-130	11/23/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	54.2	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP90

E211141-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	55.2	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP91

E211141-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.2 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	55.9	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP92
E211141-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	53.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP93

E211141-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/28/22	
Toluene	ND	0.0250	1	11/23/22	11/28/22	
o-Xylene	ND	0.0250	1	11/23/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/28/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	11/23/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/28/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	11/23/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	58.3	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP94

E211141-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	49.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP95

E211141-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	59.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP96
E211141-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		99.7 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	52.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP97

E211141-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	55.8	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP98

E211141-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	50.6	20.0	1	11/23/22	11/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP99

E211141-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.4 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	49.5	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:23:57PM
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COMP100
E211141-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.9 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2248069
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.3 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2248053
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>						
		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248061
Chloride	52.8	20.0	1	11/23/22	11/24/22	



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported: 12/1/2022 4:23:57PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248069-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

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	8.33		8.00		104	70-130			

LCS (2248069-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	5.14	0.0250	5.00		103	70-130			
Ethylbenzene	5.05	0.0250	5.00		101	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.36		8.00		105	70-130			

LCS Dup (2248069-BSD1)

Prepared: 11/23/22 Analyzed: 11/28/22

Benzene	5.18	0.0250	5.00		104	70-130	0.840	20	
Ethylbenzene	5.27	0.0250	5.00		105	70-130	4.22	20	
Toluene	5.36	0.0250	5.00		107	70-130	3.00	20	
o-Xylene	5.41	0.0250	5.00		108	70-130	4.15	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	4.38	20	
Total Xylenes	16.1	0.0250	15.0		107	70-130	4.30	20	
Surrogate: 4-Bromochlorobenzene-PID	8.47		8.00		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:23:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248069-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			

LCS (2248069-BS2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

LCS Dup (2248069-BSD2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	70-130	4.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:23:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248053-BLK1)

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	50-200			

LCS (2248053-BS1)

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	246	25.0	250		98.4	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			

Matrix Spike (2248053-MS1)

Source: E211141-11

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.0	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike Dup (2248053-MSD1)

Source: E211141-11

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	38-132	0.540	20	
Surrogate: n-Nonane	51.9		50.0		104	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:23:57PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2248061-BLK1)

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	ND	20.0							
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LCS (2248061-BS1)

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	255	20.0	250		102	90-110			
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Matrix Spike (2248061-MS1)

Source: E211141-01

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	322	20.0	250	64.1	103	80-120			
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Matrix Spike Dup (2248061-MSD1)

Source: E211141-01

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	319	20.0	250	64.1	102	80-120	0.847	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/01/22 16:23

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to Imaging - 11/10/2023 12:08:48 PM

Received by OCD: 12/12/2022 1:17:45 PM

Client: TAPROCK
 Project: Bettis State Com4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E211141</u>	<u>200460-0001</u>		<input checked="" type="checkbox"/>				
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
														NM CO UT AZ TX	
	<u>11-22</u>	<u>S</u>	<u>S</u>	<u>SP81</u>	<u>1</u>							<input checked="" type="checkbox"/>			
				<u>SP82</u>	<u>2</u>										
				<u>SP83</u>	<u>3</u>										
				<u>SP84</u>	<u>4</u>										
				<u>SP85</u>	<u>5</u>										
				<u>SP86</u>	<u>6</u>										
				<u>SP87</u>	<u>7</u>										
				<u>SP88</u>	<u>8</u>										
				<u>SP89</u>	<u>9</u>										
				<u>SP90</u>	<u>10</u>										

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	<u>11-22-22</u>	<u>1420</u>	<u>[Signature]</u>	<u>11-22-22</u>	<u>1420</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	<u>11-22-22</u>	<u>1600</u>	<u>[Signature]</u>	<u>11/23/22</u>	<u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Released to Imaging: 11/02/2022 12:08:48 PM

Received by OCD: 12/12/2022 1:17:45 PM

Client: TAP ROCK
 Project: Bettis State Comy
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only		TAT			EPA Program		
Lab WO# <u>E211141</u>	Job Number <u>20046-0001</u>	1D	2D	3D	Standard	CWA	SDWA
Analysis and Method							RCRA

State
 NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SP91	11							✓		
				SP92	12									
				SP93	13									
				SP94	14									
				SP95	15									
				SP96	16									
				SP97	17									
				SP98	18									
				SP99	19									
				SP100	20									

Additional Instructions:

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

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

Relinquished by: (Signature) <u>[Signature]</u>	Date 11-22-22	Time 1420	Received by: (Signature) <u>[Signature]</u>	Date 11-22-22	Time 1420	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date 11-22-22	Time 1600	Received by: (Signature) <u>[Signature]</u>	Date 11/23/22	Time 11:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



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Envirotech Analytical Laboratory

Printed: 11/23/2022 6:08:24PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 11/23/22 11:00	Work Order ID: E211141
Phone: (575) 390-6397	Date Logged In: 11/22/22 16:50	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 11/28/22 17:00 (1 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Comments/Resolution

Project manager and time sampled not provided on COC. Due to sample volume for project (Bettis State Com 4), we have separated this into multiple workorders. WO# are as follows: E211140 / E211141 / E211142 / E211143

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Project Information

Chain of Custody

Client: <u>TAP ROCK</u>	Bill To	Lab Use Only			TAT			EPA Program											
Project: <u>BETH'S STATE COM4</u>	Attention: <u>ESS</u>	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA										
Project Manager:	Address: <u>2724 NW COUNTY ROAD</u>	<u>E211141</u>	<u>200460001</u>		<input checked="" type="checkbox"/>														
Address:	City, State, Zip <u>HOBBS, NM 88240</u>	Analysis and Method																	
City, State, Zip	Phone: <u>575-393-9048</u>	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX										
Phone:	EMAIL TO: <u>Natalie@energystaffingllc.com</u>	RCRA																	
Email:	<u>Dakoatah@energystaffingllc.com</u>	State																	
Report due by:		<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>AZ</td> <td>TX</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								NM	CO	UT	AZ	TX	<input checked="" type="checkbox"/>				
NM	CO	UT	AZ	TX															
<input checked="" type="checkbox"/>																			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	S	SP81 COMP 81	1							<input checked="" type="checkbox"/>		
				SP82 COMP 82	2									
				SP83 COMP 83	3									
				SP84 COMP 84	4									
				SP85 COMP 85	5									
				SP86 COMP 86	6									
				SP87 COMP 87	7									
				SP88 COMP 88	8									
				SP89 COMP 89	9									
				SP90 COMP 90	10									

Additional Instructions: Per. N. Gladden 12/12/22

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>[Signature]</u>	11-22-22	1420	<u>[Signature]</u>	11-22-22	1420	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<u>[Signature]</u>	11-22-22	1600	<u>[Signature]</u>	11/23/22	11:00	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
						AVG Temp °C <u>4</u>

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

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



Client: <u>FUP ROCK</u>	Bill To Attention: <u>ESS</u> Address: <u>2724 NW COUNTY ROAD</u> City, State, Zip <u>HOBBS, NM 88240</u> Phone: <u>575-393-9048</u> EMAIL TO: <u>Natalie@energystaffingllc.com</u> <u>Dakoatah@energystaffingllc.com</u>	Lab Use Only		TAT			EPA Program					
Project: <u>Bettis State Com4</u>		Lab WO# <u>E211141</u>	Job Number <u>200460001</u>	1D	2D	3D	Standard	CWA	SDWA			
Project Manager:		Analysis and Method							RCRA			
Address:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX			
City, State, Zip		State							NM	CO	UT	AZ
Phone:	Remarks											
Email:												
Report due by:												

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SP91 COMP 91	11							✓		
				SP92 COMP 92	12									
				SP93 COMP 93	13									
				SP94 COMP 94	14									
				SP95 COMP 95	15									
				SP96 COMP 96	16									
				SP97 COMP 97	17									
				SP98 COMP 98	18									
				SP99 COMP 99	19									
				SP100 COMP 100	20									

Additional Instructions: per N. Gladden 12/01/22

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Sampled by: pm Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis State Com 4

Work Order: E211142

Job Number: 20046-0001

Received: 11/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 12/1/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis State Com 4
Workorder: E211142
Date Received: 11/23/2022 11:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2022 11:00:00AM, under the Project Name: Bettis State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/01/22 16:25
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP101	E211142-01A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP102	E211142-02A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP103	E211142-03A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP104	E211142-04A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP105	E211142-05A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP106	E211142-06A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP107	E211142-07A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP108	E211142-08A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP109	E211142-09A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP110	E211142-10A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP111	E211142-11A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP112	E211142-12A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP113	E211142-13A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP114	E211142-14A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP115	E211142-15A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP116	E211142-16A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP117	E211142-17A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP118	E211142-18A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP119	E211142-19A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP120	E211142-20A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:25:50PM
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COMP101

E211142-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22
Toluene	ND	0.0250	1	11/23/22	11/23/22
o-Xylene	ND	0.0250	1	11/23/22	11/23/22
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22

<i>Surrogate: Bromofluorobenzene</i>	98.8 %	70-130		11/23/22	11/23/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.3 %	70-130		11/23/22	11/23/22
<i>Surrogate: Toluene-d8</i>	105 %	70-130		11/23/22	11/23/22

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22
<i>Surrogate: Bromofluorobenzene</i>	98.8 %	70-130		11/23/22	11/23/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.3 %	70-130		11/23/22	11/23/22
<i>Surrogate: Toluene-d8</i>	105 %	70-130		11/23/22	11/23/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22
<i>Surrogate: n-Nonane</i>	99.9 %	50-200		11/23/22	11/23/22

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	55.9	20.0	1	11/23/22	11/23/22



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP102

E211142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		97.7 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	48.3	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP103

E211142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	55.3	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP104

E211142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	35.0	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP105

E211142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	70.3	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP106

E211142-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248062
Chloride	44.9	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP107

E211142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	48.6	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP108

E211142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248062
Chloride	55.2	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP109

E211142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	56.3	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP110

E211142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	71.2	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP111

E211142-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		99.5 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	70.1	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP112

E211142-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	70.5	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP113

E211142-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		99.3 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	66.7	20.0	1	11/23/22	11/23/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP114

E211142-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248062
Chloride	67.9	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP115

E211142-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	67.2	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:25:50PM
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COMP116

E211142-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		99.0 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	69.1	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP117

E211142-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	60.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP118

E211142-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/28/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/28/22	
Toluene	ND	0.0250	1	11/23/22	11/28/22	
o-Xylene	ND	0.0250	1	11/23/22	11/28/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/28/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/28/22	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	11/23/22	11/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	11/23/22	11/28/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/28/22	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	11/23/22	11/28/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	11/23/22	11/28/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	11/23/22	11/28/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	53.8	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP119
E211142-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248062
Chloride	55.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:25:50PM
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COMP120

E211142-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248070
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	11/23/22	11/24/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	11/23/22	11/24/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248052
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248062
Chloride	31.2	20.0	1	11/23/22	11/24/22	



QC Summary Data

Tap Rock	Project Name: Bettis State Com 4	Reported:
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	12/1/2022 4:25:50PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2248070-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

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	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2248070-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	2.09	0.0250	2.50		83.4	70-130			
Ethylbenzene	2.10	0.0250	2.50		84.0	70-130			
Toluene	2.05	0.0250	2.50		81.8	70-130			
o-Xylene	1.98	0.0250	2.50		79.2	70-130			
p,m-Xylene	3.97	0.0500	5.00		79.3	70-130			
Total Xylenes	5.95	0.0250	7.50		79.3	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

LCS Dup (2248070-BSD1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	2.47	0.0250	2.50		98.6	70-130	16.7	23	
Ethylbenzene	2.51	0.0250	2.50		100	70-130	17.6	27	
Toluene	2.47	0.0250	2.50		98.7	70-130	18.7	24	
o-Xylene	2.39	0.0250	2.50		95.5	70-130	18.6	27	
p,m-Xylene	4.76	0.0500	5.00		95.3	70-130	18.3	27	
Total Xylenes	7.15	0.0250	7.50		95.4	70-130	18.4	27	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:25:50PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248070-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2248070-BS2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

LCS Dup (2248070-BSD2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130	0.451	20	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported: 12/1/2022 4:25:50PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248052-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	50-200			

LCS (2248052-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	238	25.0	250		95.0	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike (2248052-MS1)

Source: E211142-05

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	38-132			
Surrogate: n-Nonane	47.7		50.0		95.3	50-200			

Matrix Spike Dup (2248052-MSD1)

Source: E211142-05

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	38-132	0.819	20	
Surrogate: n-Nonane	52.9		50.0		106	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:25:50PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2248062-BLK1)

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	ND	20.0							
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LCS (2248062-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Chloride	269	20.0	250		108	90-110			
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Matrix Spike (2248062-MS1)

Source: E211142-01

Prepared: 11/23/22 Analyzed: 11/23/22

Chloride	326	20.0	250	55.9	108	80-120			
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Matrix Spike Dup (2248062-MSD1)

Source: E211142-01

Prepared: 11/23/22 Analyzed: 11/23/22

Chloride	321	20.0	250	55.9	106	80-120	1.35	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/01/22 16:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Released to Imaging: 11/02/2023 12:08:48 PM

Client: TOP ROCK
 Project: BETA'S STATE COM4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E211142</u>	<u>20046-0001</u>		<input checked="" type="checkbox"/>				
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>11-22</u>	<u>S</u>	<u>1</u>	<u>SP101</u>	<u>1</u>							<input checked="" type="checkbox"/>		
				<u>SP102</u>	<u>2</u>									
				<u>SP103</u>	<u>3</u>									
				<u>SP104</u>	<u>4</u>									
				<u>SP105</u>	<u>5</u>									
				<u>SP106</u>	<u>6</u>									
				<u>SP107</u>	<u>7</u>									
				<u>SP108</u>	<u>8</u>									
				<u>SP109</u>	<u>9</u>									
				<u>SP110</u>	<u>10</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>Michelle K Gys</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle K Gys</u>	Date <u>11-22-22</u>	Time <u>16:00</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Received by OCD: 12/12/2022 1:17:45 PM

Page 31 of 35

Page 515 of 596

Client: TAPROC
 Project: Bettis State Com4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only **TAT** **EPA Program**

Lab WO# E21142 Job Number 20046-0001 1D 2D 3D Standard CWA SDWA

Analysis and Method RCRA

State
 NM CO UT AZ TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>11-22</u>	<u>S</u>	<u>1</u>	<u>SP111</u>	<u>11</u>							<input checked="" type="checkbox"/>		
				<u>SP112</u>	<u>12</u>									
				<u>SP113</u>	<u>13</u>									
				<u>SP114</u>	<u>14</u>									
				<u>SP115</u>	<u>15</u>									
				<u>SP116</u>	<u>16</u>									
				<u>SP117</u>	<u>17</u>									
				<u>SP118</u>	<u>18</u>									
				<u>SP119</u>	<u>19</u>									
				<u>SP120</u>	<u>20</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Envirotech Analytical Laboratory

Printed: 11/23/2022 6:11:38PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 11/23/22 11:00	Work Order ID: E211142
Phone: (575) 390-6397	Date Logged In: 11/22/22 16:52	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 11/28/22 17:00 (1 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: UPS

Comments/Resolution

Project manager and time sampled not provided on COC. Due to sample volume for project (Bettis State Com 4), we have separated this into multiple workorders. WO# are as follows: E211140 / E211141 / E211142 / E211143

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
 - 8. If yes, was cooler received in good condition? Yes
 - 9. Was the sample(s) received intact, i.e., not broken? Yes
 - 10. Were custody/security seals present? No
 - 11. If yes, were custody/security seals intact? NA
 - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Client: <u>Tap Rock</u>	Bill To Attention: <u>ESS</u> Address: <u>2724 NW COUNTY ROAD</u> City, State, Zip <u>HOBBS, NM 88240</u> Phone: <u>575-393-9048</u> EMAIL TO: <u>Natalie@energystaffingllc.com</u> <u>Dakoatah@energystaffingllc.com</u>	Lab Use Only		TAT			EPA Program		
Project: <u>Beth's State Com 4</u>		Lab WO# <u>E211142</u>	Job Number <u>20046-0001</u>	1D	2D	3D	Standard	CWA	SDWA
Project Manager:		Analysis and Method							RCRA
Address:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
City, State, Zip		State							
Phone:	NM	CO	UT	AZ	TX				
Email:	Remarks								
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SP101 COMP 101	1									
				SP102 COMP 102	2									
				SP103 COMP 103	3									
				SP104 COMP 104	4									
				SP105 COMP 105	5									
				SP106 COMP 106	6									
				SP107 COMP 107	7									
				SP108 COMP 108	8									
				SP109 COMP 109	9									
				SP110 COMP 110	10									

Additional Instructions: Per N. Gladden 12/01/22 ANA

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>11:00</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Project Information

Chain of Custody

Client: <u>TAPROC</u> Project: <u>Bettis State Com4</u> Project Manager: Address: City, State, Zip Phone: Email: Report due by:	Bill To		Lab Use Only		TAT			EPA Program		
	Attention: <u>ESS</u>		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
	Address: <u>2724 NW COUNTY ROAD</u>		<u>E21142</u>	<u>20046-0001</u>		<input checked="" type="checkbox"/>				
	City, State, Zip <u>HOBBS, NM 88240</u>		Analysis and Method							
Phone: <u>575-393-9048</u>		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	RCRA
EMAIL TO: <u>Natalie@energystaffingllc.com</u>		State								
Dakoatah@energystaffingllc.com		NM	CO	UT	AZ	TX				
		Remarks								

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SP111 COMP 111	11							<input checked="" type="checkbox"/>		
				SP112 COMP 112	12									
				SP113 COMP 113	13									
				SP114 COMP 114	14									
				SP115 COMP 115	15									
				SP116 COMP 116	16									
				SP117 COMP 117	17									
				SP118 COMP 118	18									
				SP119 COMP 119	19									
				SP120 COMP 120	20									

Additional Instructions: Per N. Gladden 12/01/22 AM

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Report to:
Natalie Gladden



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Bettis State Com 4

Work Order: E211143

Job Number: 20046-0001

Received: 11/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/1/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/1/22



Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Bettis State Com 4
Workorder: E211143
Date Received: 11/23/2022 11:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2022 11:00:00AM, under the Project Name: Bettis State Com 4.

The analytical test results summarized in this report with the Project Name: Bettis State Com 4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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Sample Summary

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/01/22 16:27
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
COMP121	E211143-01A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP122	E211143-02A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP123	E211143-03A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP124	E211143-04A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP125	E211143-05A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP126	E211143-06A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP127	E211143-07A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP128	E211143-08A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP129	E211143-09A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP130	E211143-10A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP131	E211143-11A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP132	E211143-12A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
COMP133	E211143-13A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 11	E211143-14A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 12	E211143-15A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 13	E211143-16A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 14	E211143-17A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 15	E211143-18A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 16	E211143-19A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 17	E211143-20A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 18	E211143-21A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 19	E211143-22A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 20	E211143-23A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 21	E211143-24A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 22	E211143-25A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 23	E211143-26A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 24	E211143-27A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.
SW Comp - 25	E211143-28A	Soil	11/22/22	11/23/22	Glass Jar, 4 oz.

Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP121

E211143-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B

	mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22
Toluene	ND	0.0250	1	11/23/22	11/23/22
o-Xylene	ND	0.0250	1	11/23/22	11/23/22
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22
<i>Surrogate: Bromofluorobenzene</i>	97.4 %	70-130		11/23/22	11/23/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.9 %	70-130		11/23/22	11/23/22
<i>Surrogate: Toluene-d8</i>	102 %	70-130		11/23/22	11/23/22

Nonhalogenated Organics by EPA 8015D - GRO

	mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22
<i>Surrogate: Bromofluorobenzene</i>	97.4 %	70-130		11/23/22	11/23/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.9 %	70-130		11/23/22	11/23/22
<i>Surrogate: Toluene-d8</i>	102 %	70-130		11/23/22	11/23/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO

	mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22
<i>Surrogate: n-Nonane</i>	109 %	50-200		11/23/22	11/24/22

Anions by EPA 300.0/9056A

	mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	29.5	20.0	1	11/23/22	11/24/22



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP122

E211143-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	33.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP123

E211143-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	43.8	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP124

E211143-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	40.1	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP125

E211143-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	25.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP126

E211143-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	24.8	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP127

E211143-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	20.0	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP128
E211143-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.8 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	20.5	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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COMP129

E211143-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.7 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	26.5	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP130

E211143-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		109 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	24.2	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP131

E211143-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.6 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	23.3	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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COMP132

E211143-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		112 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	28.6	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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COMP133

E211143-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.1 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	54.7	20.0	1	11/23/22	11/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 11

E211143-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		96.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	50.6	20.0	1	11/23/22	11/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 12

E211143-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	11/23/22	11/23/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.3 %	70-130	11/23/22	11/23/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		100 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	35.6	20.0	1	11/23/22	11/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 13

E211143-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/26/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/26/22	
Toluene	ND	0.0250	1	11/23/22	11/26/22	
o-Xylene	ND	0.0250	1	11/23/22	11/26/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/26/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		96.5 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2248063
Chloride	58.9	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 14

E211143-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/26/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/26/22	
Toluene	ND	0.0250	1	11/23/22	11/26/22	
o-Xylene	ND	0.0250	1	11/23/22	11/26/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/26/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.3 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.3 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		95.5 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	60.2	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 15

E211143-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/26/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/26/22	
Toluene	ND	0.0250	1	11/23/22	11/26/22	
o-Xylene	ND	0.0250	1	11/23/22	11/26/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/26/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		99.5 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		99.5 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		99.3 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	52.1	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 16

E211143-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/26/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/26/22	
Toluene	ND	0.0250	1	11/23/22	11/26/22	
o-Xylene	ND	0.0250	1	11/23/22	11/26/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/26/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		96.0 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	51.8	20.0	1	11/23/22	11/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/11/2022 4:27:31PM
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SW Comp - 17

E211143-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Benzene	ND	0.0250	1	11/23/22	11/26/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/26/22	
Toluene	ND	0.0250	1	11/23/22	11/26/22	
o-Xylene	ND	0.0250	1	11/23/22	11/26/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/26/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: IY		Batch: 2248071
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/26/22	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	11/23/22	11/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	11/23/22	11/26/22	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	11/23/22	11/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2248051
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/24/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/23/22	11/24/22	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: KL		Batch: 2248063
Chloride	24.9	20.0	1	11/23/22	11/28/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 18

E211143-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		96.2 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	57.6	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 19

E211143-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	48.5	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 20

E211143-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		97.7 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	22.4	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 21

E211143-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.0 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		97.0 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	24.3	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 22

E211143-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		96.8 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	70.7	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 23

E211143-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.8 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		96.9 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	ND	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 24

E211143-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	47.5	20.0	1	11/23/22	11/24/22	



Sample Data

Tap Rock 7 W. Compress Road Artesia NM, 88210	Project Name: Bettis State Com 4 Project Number: 20046-0001 Project Manager: Natalie Gladden	Reported: 12/1/2022 4:27:31PM
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SW Comp - 25

E211143-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/24/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/24/22	
Toluene	ND	0.0250	1	11/23/22	11/24/22	
o-Xylene	ND	0.0250	1	11/23/22	11/24/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/24/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/24/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/24/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.1 %	70-130	11/23/22	11/24/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/28/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/28/22	
<i>Surrogate: n-Nonane</i>		100 %	50-200	11/23/22	11/28/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	59.6	20.0	1	11/23/22	11/24/22	



QC Summary Data

Tap Rock	Project Name: Bettis State Com 4	Reported: 12/1/2022 4:27:31PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248071-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

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							
<i>Surrogate: Bromofluorobenzene</i>	0.493		0.500		98.5	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.489		0.500		97.7	70-130			
<i>Surrogate: Toluene-d8</i>	0.505		0.500		101	70-130			

LCS (2248071-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.62	0.0250	2.50		105	70-130			
p,m-Xylene	5.04	0.0500	5.00		101	70-130			
Total Xylenes	7.67	0.0250	7.50		102	70-130			
<i>Surrogate: Bromofluorobenzene</i>	0.498		0.500		99.6	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.504		0.500		101	70-130			
<i>Surrogate: Toluene-d8</i>	0.492		0.500		98.4	70-130			

LCS Dup (2248071-BSD1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	2.80	0.0250	2.50		112	70-130	7.55	23	
Ethylbenzene	2.78	0.0250	2.50		111	70-130	10.5	27	
Toluene	2.82	0.0250	2.50		113	70-130	10.0	24	
o-Xylene	2.91	0.0250	2.50		116	70-130	10.3	27	
p,m-Xylene	5.59	0.0500	5.00		112	70-130	10.2	27	
Total Xylenes	8.49	0.0250	7.50		113	70-130	10.2	27	
<i>Surrogate: Bromofluorobenzene</i>	0.489		0.500		97.7	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.494		0.500		98.7	70-130			
<i>Surrogate: Toluene-d8</i>	0.504		0.500		101	70-130			



QC Summary Data

Tap Rock	Project Name: Bettis State Com 4	Reported: 12/1/2022 4:27:31PM
7 W. Compress Road	Project Number: 20046-0001	
Artesia NM, 88210	Project Manager: Natalie Gladden	

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2248067-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

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	8.07		8.00		101	70-130			

LCS (2248067-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

LCS Dup (2248067-BSD1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	5.05	0.0250	5.00		101	70-130	1.54	20	
Ethylbenzene	4.99	0.0250	5.00		99.7	70-130	0.974	20	
Toluene	5.14	0.0250	5.00		103	70-130	1.15	20	
o-Xylene	5.15	0.0250	5.00		103	70-130	0.808	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	0.749	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	0.769	20	
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:27:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248067-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

LCS (2248067-BS2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			

LCS Dup (2248067-BSD2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.3	70-130	3.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:27:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2248071-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

LCS (2248071-BS2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

LCS Dup (2248071-BSD2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	61.0	20.0	50.0		122	70-130	17.4	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported: 12/1/2022 4:27:31PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248051-BLK1)

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.0		50.0		112	50-200			

LCS (2248051-BS1)

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			

Matrix Spike (2248051-MS1)

Source: E211143-02

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

Matrix Spike Dup (2248051-MSD1)

Source: E211143-02

Prepared: 11/23/22 Analyzed: 11/24/22

Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	0.955	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported: 12/1/2022 4:27:31PM
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248058-BLK1)

Prepared: 11/23/22 Analyzed: 11/28/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		97.0	50-200			

LCS (2248058-BS1)

Prepared: 11/23/22 Analyzed: 11/28/22

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike (2248058-MS1)

Source: E211143-22

Prepared: 11/23/22 Analyzed: 11/28/22

Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.3	38-132			
Surrogate: n-Nonane	47.2		50.0		94.5	50-200			

Matrix Spike Dup (2248058-MSD1)

Source: E211143-22

Prepared: 11/23/22 Analyzed: 11/28/22

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	2.51	20	
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			



QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:27:31PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2248059-BLK1)

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	ND	20.0							
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LCS (2248059-BS1)

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	246	20.0	250		98.6	90-110			
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Matrix Spike (2248059-MS1)

Source: E211138-01

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	872	400	250	691	72.6	80-120			M2
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Matrix Spike Dup (2248059-MSD1)

Source: E211138-01

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	1110	400	250	691	167	80-120	23.8	20	M2, R3
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QC Summary Data

Tap Rock	Project Name:	Bettis State Com 4	Reported:
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/1/2022 4:27:31PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2248063-BLK1)

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	ND	20.0							
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LCS (2248063-BS1)

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	268	20.0	250		107	90-110			
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Matrix Spike (2248063-MS1)

Source: E211143-01

Prepared: 11/23/22 Analyzed: 11/24/22

Chloride	296	20.0	250	29.5	107	80-120			
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Matrix Spike Dup (2248063-MSD1)

Source: E211143-01

Prepared: 11/23/22 Analyzed: 11/28/22

Chloride	305	20.0	250	29.5	110	80-120	2.86	20	
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QC Summary Report Comment:

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



Definitions and Notes

Tap Rock	Project Name:	Bettis State Com 4	
7 W. Compress Road	Project Number:	20046-0001	Reported:
Artesia NM, 88210	Project Manager:	Natalie Gladden	12/01/22 16:27

M2 Matrix spike recovery was outside quality control limits. 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.



Released to Imaging - 11/10/2023 12:08:48 PM

Received by OCD: 12/12/2022 1:17:45 PM

Client: TAP ROCK
 Project: Beth's State Com 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E211143</u>	<u>200016-0001</u>		<input checked="" type="checkbox"/>				
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks				
														NM	CO	UT	AZ	TX	
	<u>11-22</u>	<u>S</u>	<u>1</u>	<u>SP121</u>	<u>1</u>							<input checked="" type="checkbox"/>							
				<u>SP122</u>	<u>2</u>														
				<u>SP123</u>	<u>3</u>														
				<u>SP124</u>	<u>4</u>														
				<u>SP125</u>	<u>5</u>														
				<u>SP126</u>	<u>6</u>														
				<u>SP127</u>	<u>7</u>														
				<u>SP128</u>	<u>8</u>														
				<u>SP129</u>	<u>9</u>														
				<u>SP130</u>	<u>10</u>														

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	<u>11-22-22</u>	<u>1420</u>	<u>[Signature]</u>	<u>11-22-22</u>	<u>1420</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	<u>11-22-22</u>	<u>1600</u>	<u>[Signature]</u>	<u>11/23/22</u>	<u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Released to Imaging: 1/10/2023 12:08:48 PM

Client: TOP ROCK
 Project: Bettis State Com 4
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E211143</u>	<u>2002160001</u>		<input checked="" type="checkbox"/>				
Analysis and Method							RCRA

State				
NM	CO	UT	AZ	TX
<input checked="" type="checkbox"/>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	<u>11-22</u>	<u>S</u>	<u>1</u>	<u>SP131</u>	<u>11</u>							<input checked="" type="checkbox"/>		
				<u>SP132</u>	<u>12</u>									
				<u>SP133</u>	<u>13</u>									
				<u>SW Comp - 11</u>	<u>14</u>									
				<u>-12</u>	<u>15</u>									
				<u>-13</u>	<u>16</u>									
				<u>-14</u>	<u>17</u>									
				<u>-15</u>	<u>18</u>									
				<u>-16</u>	<u>19</u>									
				<u>-17</u>	<u>20</u>									

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>Michelle K. G...</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle K. G...</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>16:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Received by: OCD: 12/12/2022 1:17:45 PM

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Released to: Imaging - 11/02/2023 12:08:48 PM

Received by: OCD - 12/12/2022 1:17:45 PM

Client: TAP ROCK
 Project: Bettis State Comy
 Project Manager:
 Address:
 City, State, Zip
 Phone:
 Email:
 Report due by:

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

Lab Use Only		TAT			EPA Program		
Lab WO# <u>E211143</u>	Job Number <u>20040-001</u>	1D	2D	3D	Standard	CWA	SDWA
Analysis and Method							RCRA

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
	<u>11-22</u>	<u>S</u>	<u>1</u>	<u>SWCOMP-18</u>	<u>21</u>							<input checked="" type="checkbox"/>		<u>NM</u>	
				<u>SWCOMP 19</u>	<u>22</u>										
				<u>SWCOMP 20</u>	<u>23</u>										
				<u>SWCOMP 21</u>	<u>24</u>										
				<u>SWCOMP 22</u>	<u>25</u>										
				<u>SWCOMP 23</u>	<u>26</u>										
				<u>SWCOMP 24</u>	<u>27</u>										
				<u>SWCOMP 25</u>	<u>28</u>										
				SWCOMP	2										

Additional Instructions:

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Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Envirotech Analytical Laboratory

Printed: 11/23/2022 6:13:57PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Tap Rock	Date Received: 11/23/22 11:00	Work Order ID: E211143
Phone: (575) 390-6397	Date Logged In: 11/22/22 16:57	Logged In By: Caitlin Christian
Email: natalie@energystaffingllc.com	Due Date: 11/28/22 17:00 (1 day TAT)	

Chain of Custody (COC)

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

Carrier: UPS

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

Comments/Resolution

Project manager and time sampled not provided on COC. Due to sample volume for project (Bettis State Com 4), we have separated this into multiple workorders. WO# are as follows: E211140 / E211141 / E211142 / E211143

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Client: <u>TAP ROCK</u>		Bill To		Lab Use Only		TAT			EPA Program								
Project: <u>BETH'S STATE COM 4</u>		Attention: <u>ESS</u>		Lab WO# <u>E211143</u>		Job Number <u>200116-0001</u>			1D	2D	3D	Standard	CWA	SDWA			
Project Manager:		Address: <u>2724 NW COUNTY ROAD</u>		City, State, Zip <u>HOBBS, NM 88240</u>		Phone: <u>575-393-9048</u>		Analysis and Method				RCRA					
Address:		EMAIL TO: <u>Natalie@energystaffingllc.com</u>		Dakoatah@energystaffingllc.com								State					
City, State, Zip												NM		CO	UT	AZ	TX
Phone:																	
Email:																	
Report due by:																	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SP121	COMP 121									
				SP122	COMP 122									
				SP123	COMP 123									
				SP124	COMP 124									
				SP125	COMP 125									
				SP126	COMP 126									
				SP127	COMP 127									
				SP128	COMP 128									
				SP129	COMP 129									
				SP130	COMP 130									

Additional Instructions: Per N. Gladden 12/01/22

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	11-22-22	1420	<u>[Signature]</u>	11-22-22	1420	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	11-22-22	1600	<u>[Signature]</u>	11/23/22	11:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Project Information

Chain of Custody

Client: <u>TCP Rocio</u>	Bill To Attention: <u>ESS</u> Address: <u>2724 NW COUNTY ROAD</u> City, State, Zip <u>HOBBS, NM 88240</u> Phone: <u>575-393-9048</u> EMAIL TO: <u>Natalie@energystaffingllc.com</u> <u>Dakoatah@energystaffingllc.com</u>	Lab Use Only		TAT			EPA Program					
Project: <u>Bettis State Com 4</u>		Lab WO# <u>E211143</u>	Job Number <u>202460001</u>	1D	2D	3D	Standard	CWA	SDWA			
Project Manager:		Analysis and Method							RCRA			
Address:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX			
City, State, Zip		State							NM	CO	UT	AZ
Phone:	Remarks											
Email:												
Report due by:												

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SPT3+ COMP 131	11							✓		
				SPT32 COMP 132	12									
				SPT33 COMP 133	13									
				SW Comp - 11	14									
				-12	15									
				-13	16									
				-14	17									
				-15	18									
				-16	19									
				-17	20									

Additional Instructions: Per N. Gladden 12/01/22 AKA

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	11-22-22	1420	<u>Michelle K. G...</u>	11-22-22	1420	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Michelle K. G...</u>	11-22-22	1600	<u>[Signature]</u>	11/23/22	11:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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



Project Information

Chain of Custody

Client: <u>TOP ROCK</u>	Bill To	Lab Use Only	TAT	EPA Program	
Project: <u>Bettis State Comy</u>	Attention: <u>ESS</u>	Lab WO# <u>E21143</u>	Job Number <u>20046-008</u>	CWA	
Project Manager:	Address: <u>2724 NW COUNTY ROAD</u>	1D	2D <input checked="" type="checkbox"/>	3D	
Address:	City, State, Zip <u>HOBBS, NM 88240</u>	Standard			SDWA
City, State, Zip	Phone: <u>575-393-9048</u>	Analysis and Method			RCRA
Phone:	EMAIL TO: <u>Natalie@energystaffingllc.com</u>	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260
Email:	Dakoatah@energystaffingllc.com	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
Report due by:		State			
		NM	CO	UT	AZ
		<input checked="" type="checkbox"/>			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	11-22	S	1	SWCOMP-18	21							<input checked="" type="checkbox"/>		
				SWCOMP 19	22									
				SWCOMP 20	23									
				SWCOMP 21	24									
				SWCOMP 22	25									
				SWCOMP 23	26									
				SWCOMP 24	27									
				SWCOMP 25	28									
				SWCOMP	2									

Additional Instructions:

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1420</u>	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-22-22</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/23/22</u>	Time <u>11:00</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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Incident ID	NAPP2205753600
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

Incident ID	NAPP2205753600
District RP	
Facility ID	
Application ID	

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

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

Signature: *Natalie Gladden* Date: 12-4-22

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

OCD Only

Received by: Jocelyn Harimon Date: 12/12/2022

Incident ID	NAPP2205753600
District RP	
Facility ID	
Application ID	


Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory
 Signature:  Date: 12/4/22
 email: natalie@energystaffingllc.com Telephone: 575-390-6397

OCD Only

Received by: Jocelyn Harimon Date: 12/12/2022

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: 01/10/2023
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

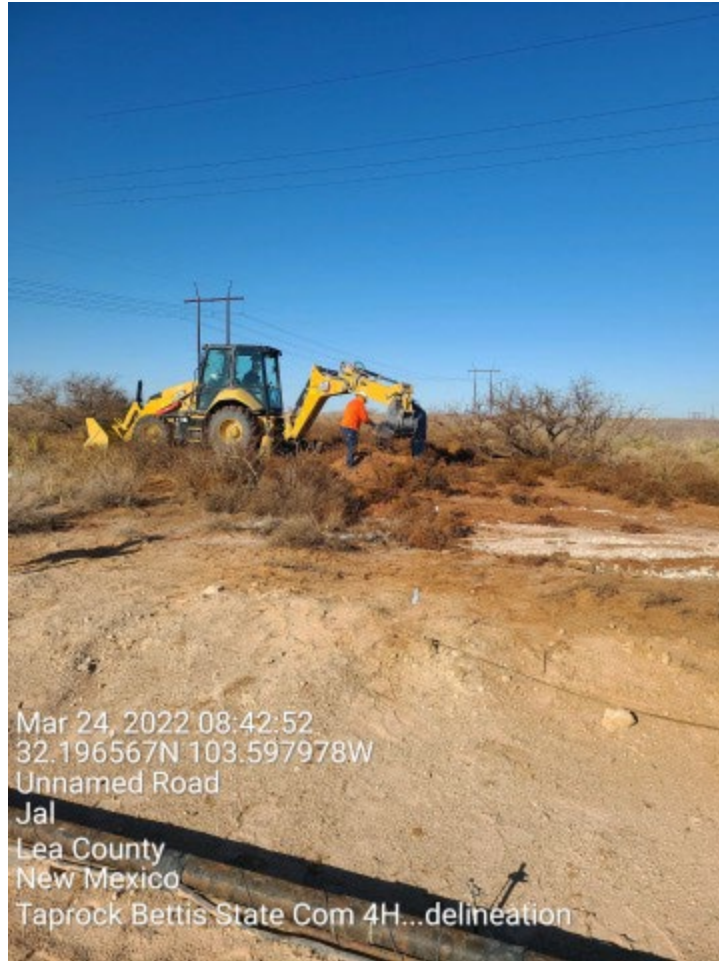
**BETTIS 20 STATE COM #4
DELINEATION SITE PHOTOS**









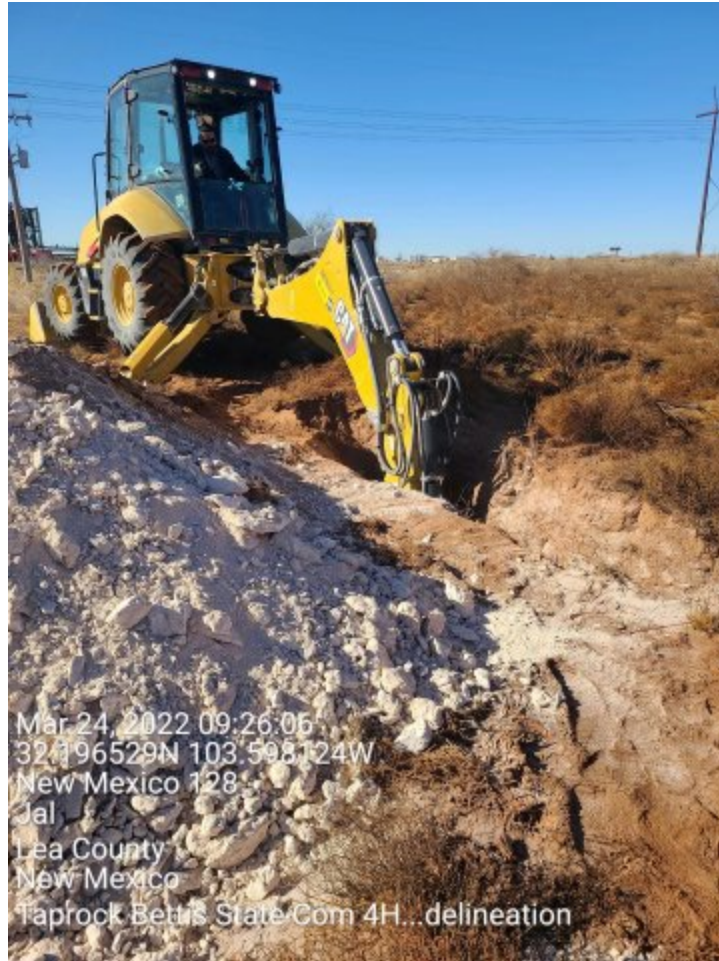


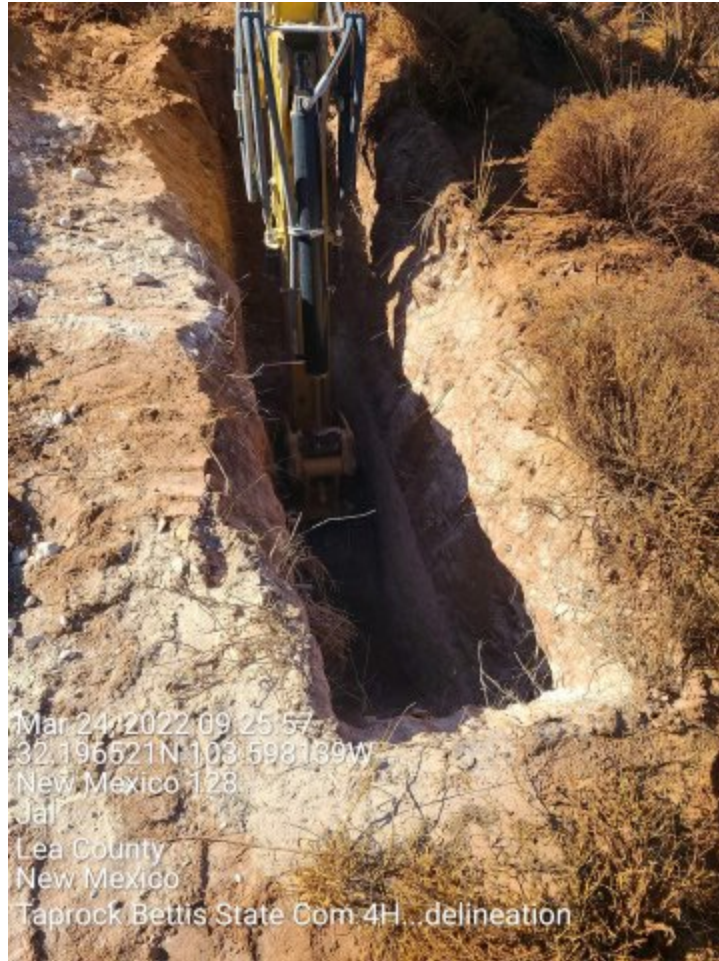












BETTIS 20 STATE COM #4 REMEDIATION AND FINAL SITE PHOTOS











Aug 12, 2022 at 13:29:00
32.196527° N, 103.597917° W
Jal NM 88252
United States
Taprock
Bettis 20 State Com 4
Backfill

















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

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

CONDITIONS

Action 166147

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 166147
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/10/2023