YADA B WATERLINE LEAK
REMEDIATION WORKPLAN REQUEST

API NO. 30-025-47803
LEGALS: U/L C, SECTION 34, TOWNSHIP 24S, RANGE 35E
LEA COUNTY, NEW MEXICO

DATE OF RELEASE: 07/17/22
INCIDENT NO. NAPP2220044047

September 16, 2022
Prepared by:

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September 16, 2022
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Subject: Remediation Workplan Request for Tap Rock Operating – Yada B Waterline

API No. 30-025-47803 (Closest Well)
Incident No. NAPP2220044047
Unit Letter C, Section 34, Township 24 South, Range 35 East
Lea County, New Mexico

To Whom it May Concern:

Tap Rock Operating has retained Energy Staffing Services (ESS), to conduct a spill assessment, delineation, and remediation for the Yada B Waterline (hereafter referred to as the "Yada"), for the produced water release that occurred on July 17th, 2022. Tap Rock provided the immediate notification of the release to the *New Mexico Oil Conservation Division (NMOCD),* District I/II Office. The notification was submitted via email on July 18th at 5:48 p.m. On behalf of Tap Rock, ESS submitted the initial C141 Release Notification, along with the spill calculator form used to determine the volume of the release (attached) on July 19th, 2022. The NMOCD accepted the initial C141 as record on same said date and assigned the NMOCD Incident ID Number of NAPP2220044047 to this release (Attached).

This report provides a detailed description of the spill assessment, delineation that was conducted by ESS staff and a remedial plan at the Yada and demonstrated that the delineation activities 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 remediation plan to obtain approval for the NMOCD for the proposed remediation of the above-mentioned release.

Incident Description

On July 17th of 2022, NGL Partners found a leak on their water line coming off of the Yada B Facility. At that time, NGL began to scrape the standing fluids and impacted soil. Once Tap Rock was notified of the incident, NGL claimed the release to be theirs. After further investigation of the NGL/Tap Rock contracts it was determined that the release was Tap Rock's. At that time ESS was dispatched to the site to conduct a full environmental site assessment. Upon arrival it was determined that the 12" waterline had busted and caused the release. The pipe section was replaced by NGL immediately. No fluid was recovered due to NGL scraping the surface of the release down to 1'bgs to 2'bgs in various places. ESS mapped out the release area which determined that approximately 665.41bbls of produced water was released into the pasture area. The surface area of impact was measured at 15,988 sq. ft. (Impact Map Attached).

Site Characterization

The release at the Yada occurred on private land. The API number used is the closest well just for identification purposes only. The release point is located at, latitude 32.17632 and longitude of -103.35572, 10.41 miles northwest of Jal, New Mexico. The legal description is Unit Letter C, Section 34, Township 24 South and Range 35 East in Lea County. Please find the site map attached.

The Yada consists of oil and gas production leases, this release was found in the pasture area near an electrical power ROW (Right-of-Way). Elevation of this site is 3265'. This area historically, has been primarily dominated by little bluestem, other shrubs and perennial forbs and grasses, black grama, dropseed and spike dropseed. 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 found in the area of the Yada, consists of 53.9% Pyote and Maljamar Fine Sands and 46.1% of Pyote Soils and Dune Land. (Soil map attached). In the area of the Yada, the *FEMA National Flood Hazard Layer* indicates there is a 0.2% chance of flood hazards in this area (see map attached).

There is "Low Potential" for Karst Geology to be present near the Yada site, according to the *United States Department of the Interior, Bureau of Land Management.* Please see the Karst Map attached herein.

There is no surface water located near or around the Yada release area. The site is not near a continuously flowing watercourse and/or lakebed within ½ mile from the release. No other critical or community features at the Yada were found. (Attached Watercourse Map).

The nearest and most recent water well to the site according to the *New Mexico Office of the State Engineer* is the CP 01119 POD2, drilled in 2012, 3587 yards from the site with no groundwater information. The next POD is CP 00543, drilled in 1974, 6194 yards from the site with a groundwater depth of 97'bgs. The third POD is CP 01513 POD1, drilled in 2015, 6242 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 water wells were located within the ½ mile radius of the Yada. Please find the NMOSE, OSE POD and the groundwater map attached to this report.

Closure Criteria Determination

The Closure Criteria for Soils impacted by a Release is shown in the below chart. With no groundwater data available within a ½ a mile radius from the release point, being on Private land the site fell under <50' to groundwater. The site being of "Low Karst" is not a determining factor in this case.

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 soil at the Yada release site and that the protocol is consistent with the remediation/abatement goals and objectives set forth in the *NMOCD Closure Criteria for Soils Impacted by a Release, dated August 14, 2018.* This document provided direction for Tap Rock's initial response actions, site assessment and delineation efforts conducted by ESS Staff. ESS 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

ESS crews immediately after the environmental site assessment was conducted, flags were placed and a one-call was initiated. Crews began to set vertical sample points and obtained surface samples. Again, the area of impact was previously excavated by NGL, so ESS's surface samples were taken at the bottom of the scraped area, which ranged from 1'bgs to 2'bgs. Our sample points started at the above-mentioned surface as the natural surface was previously removed. Crews also began placing the previously stockpiled soil on plastic as NGL did not do so at that time.

- The release was found in the pasture area due to a 12" poly water line.
- The busted line was immediately repaired by NGL.
- The release area is near a two-track road and crossed underneath an electrical ROW and lines.
- The impacted area from the release was measured at 15,988 sq. ft.

Please see the initial site photos of the release attached to this report.

On July 18th, ESS crews began the delineation process by obtaining the surface samples and on July 20th, delineation began by use of hand-auger. At this time, it was determined that this poly line leak had been occurring for some time due to depth of saturation and impact of soils. A total of 30 vertical sample points and 24 horizontal sample points were placed and GPS'd. The surface samples that were obtained were field tested and submitted to Envirotech Laboratories

for confirmation. Below you will find the confirmed surface vertical and horizontal sample analysis and field-testing data.

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil
SP1	SURF	1120	HIGH	ND	ND	2930	1680	4610	718	SAND
SP2	SURF	>4000	HIGH	ND	ND	487	280	767	1110	SAND
SP3	SURF	240	HIGH	ND	ND	389	273	662	97.6	SAND
SP4	SURF	4000	HIGH	ND	ND	4960	2240	7200	3790	SAND
SP5	SURF	400	HIGH	ND	ND	2930	ND	2930	390	SAND
SP6	SURF	1760	ND	ND	ND	ND	ND	ND	1490	SAND
SP7	SURF	240	HIGH	ND	ND	8830	ND	8830	334	SAND
SP8	SURF	1200	LOW	ND	ND	33.1	ND	33.1	1010	SAND
SP9	SURF	>4000	ND	ND	ND	ND	ND	ND	4670	SAND
SP10	SURF	4000	HIGH	ND	ND	3100	ND	3100	3750	SAND
SP11	SURF	>4000	HIGH	0.207	ND	13500	5770	19270	4280	SAND
SP12	SURF	>4000	LOW	0.0401	ND	49.6	ND	49.6	10300	SAND
SP13	SURF	2640	LOW	ND	ND	50	ND	50	2700	SAND
SP14	SURF	>4000	ND	ND	ND	ND	ND	ND	5500	SAND
SP15	SURF	>4000	ND	ND	ND	ND	ND	ND	13400	SAND
SP16	SURF	320	ND	ND	ND	ND	ND	ND	422	SAND
SP17	SURF	3600	ND	ND	ND	ND	ND	ND	3520	SAND
SP18	SURF	240	ND	ND	ND	ND	ND	ND	298	SAND
SP19	SURF	>4000	ND	ND	ND	ND	ND	ND	11500	SAND
SP20	SURF	>4000	ND	ND	ND	ND	ND	ND	4370	SAND
SP21	SURF	>4000	ND	ND	ND	ND	ND	ND	5490	SAND
SP22	SURF	80	ND	ND	ND	ND	ND	ND	88.7	SAND
SP23	SURF	>4000	HIGH	ND	ND	729	710	1439	4820	SAND
SP24	SURF	80	ND	ND	ND	ND	ND	ND	40.5	SAND
SP25	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SP26	SURF	200	ND	ND	ND	ND	ND	ND	145	SAND
SP27	SURF	1120	HIGH	ND	ND	89.5	72.3	161.8	1310	SAND
SP28	SURF	560	ND	ND	ND	ND	ND	ND	582	SAND
SP29	SURF	240	ND	ND	ND	ND	ND	ND	262	SAND
SP30	SURF	40	ND	ND	ND	ND	ND	ND	20.8	SAND
**ALL SIDEWALL SAMPLES WERE TAKEN AT WALL OF NGL EXCAVATION										
SW1	SURF	320	ND	ND	ND	ND	ND	ND	151	SAND
SW1A	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW2	SURF	1680	HIGH	ND	ND	1770	1220	2990	2010	SAND
SW3	SURF	ND	HIGH	ND	ND	77.7	ND	77.7	ND	SAND
SW4	SURF	2480	ND	ND	ND	ND	ND	ND	2290	SAND

SW5	SURF	40	ND	ND	ND	ND	ND	ND	ND	SAND
SW6	SURF	240	ND	ND	ND	ND	ND	ND	ND	SAND
SW7	SURF	2240	ND	ND	ND	ND	ND	ND	2080	SAND
SW8	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW9	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW10	SURF	80	ND	ND	ND	ND	ND	ND	32.3	SAND
SW11	SURF	3040	HIGH	ND	ND	400	197	597	3220	SAND
SW12	SURF	>4000	ND	ND	ND	ND	ND	ND	7640	SAND
SW13	SURF	>4000	ND	ND	ND	ND	ND	ND	6770	SAND
SW14	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW15	SURF	240	ND	ND	ND	ND	ND	ND	290	SAND
SW16	SURF	80	ND	ND	ND	ND	ND	ND	56.3	SAND
SW17	SURF	480	ND	ND	ND	ND	ND	ND	451	SAND
SW18	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW19	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW20	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW21	SURF	480	ND	ND	ND	ND	ND	ND	498	SAND
SW22	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW23	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND
SW24	SURF	140	ND	ND	ND	ND	ND	ND	150	SAND

ESS crews began full vertical and horizontal delineation at this time. Crews delineated the site beginning with a hand auger in 1' increments. It was then determined that a track-hoe would be needed to attempt full delineation until it was determined that a boring rig was needed to find the full extent of the vertical contamination. 2' increments were used with the track-hoe. Once it was determined that a boring rig was needed, then 5' increments were sampled and 10' increments were sent into the lab for confirmation. Please find the vertical and horizontal delineation field data along with the confirmed lab analysis with the attached delineation sample map:

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURF	800	H	ND	ND	2930	1680	4610	718
	1	3200	H						
	2	>4000	H						
	3	>4000	L						
	4	>4000	L						
	5	240	L						
	6	160	L	ND	ND	ND	ND	ND	ND
SP1A	SURF	40	L	ND	ND	ND	ND	ND	ND

	1	80	L						
	2	240	L						
	3	80	L						
	4	80	L						
	5	80	L						
	6	80	L	ND	ND	ND	ND	ND	ND

SP2	SURF	1200	H	ND	ND	487	280	767	1110
	1	2240	H						
	2	>4000	H						
	3	560	L						
	4	320	L	ND	ND	ND	ND	ND	175

SP3	SURF	240	H	ND	ND	389	273	662	97.6
	1	80	H						
	2	80	H						
	3	80	L						
	4	80	L	ND	ND	ND	ND	ND	ND

SP4	SURF	>4000	H	ND	ND	4960	2240	7200	3790
	1	>4000	H						
	2	>4000	H						
	3	3200	H						
	4	1440	H						
	5	240	H						
	6	80	L						
	7	80	L						
	8	240	L						
	9	80	L						
	10	160	L						
	11	80	L						
	12	80	L	ND	ND	ND	ND	ND	109

SP5	SURF	440	H	ND	ND	2930	ND	2930	390
	1	3840	H						
	2	>4000	H						
	3	>4000	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	7070
	6	>4000	L						
	7	>4000	L						

	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	10700
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						
	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	7230
	16	3000	L	ND	ND	ND	ND	ND	2710
	18	>4000	L						
	20	40	L	ND	ND	ND	ND	ND	41.4
	22	>4000	L						
	24	>4000	L						
	25	>4000	L	ND	ND	ND	ND	ND	5580
	30	>4000	L						
	35	>4000	L	ND	ND	ND	ND	ND	4880
	40	>4000	L						
	45	1540	L	ND	ND	ND	ND	ND	1460
	50	1320	L						
	55	1000	L	ND	ND	ND	ND	ND	914
	60	1200	L						
	65	1300	L	ND	ND	ND	ND	ND	1360
	75	420	L						
	80	200	L	ND	ND	ND	ND	ND	145

SP6	SURF	1360	H	ND	ND	ND	ND	ND	1490
	1	1520	H						
	2	>4000	H						
	3	>4000	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	7870
	6	320	L						
	7	80	L	ND	ND	ND	ND	ND	70.9

SP7	SURF	320	H	ND	ND	8830	ND	8830	334
	1	>4000	H						
	2	1320	L						
	3	1680	L						
	4	3200	L						
	5	880	L						
	6	480	L						

	7	80	L	ND	ND	ND	ND	ND	164
SP8	SURF	960	L	ND	ND	33.1	ND	33.1	1010
	1	80	L						
	2	80	L	ND	ND	ND	ND	ND	ND
SP9	SURF	>4000	L	ND	ND	ND	ND	ND	4670
	1	>4000	L						
	2	>4000	L						
	3	2400	L						
	4	480	L						
	5	320	L	ND	ND	ND	ND	ND	316
	6	880	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	15300
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						
	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	7560
	16	>4000	L						
	17	>4000	L						
	18	>4000	L						
	19	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	17100
	22	>4000	L						
	24	>4000	L						
	25	>4000	L	ND	ND	ND	ND	ND	4280
	26	>4000	L						
	28	>4000	L	ND	ND	ND	ND	ND	1720
	30	>4000	L	ND	ND	ND	ND	ND	4500
	35	400	L						
	40	820	L	ND	ND	ND	ND	ND	861
	45	880	L						
	50	320	L	ND	ND	ND	ND	ND	322
	55	260	L	ND	ND	ND	ND	ND	262
	55	240	L	ND	ND	ND	ND	ND	287
SP10	SURF	3600	H	ND	ND	3100	ND	3100	3750

	1	>4000	H						
	2	>4000	H						
	3	>4000	H						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	9210
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	10900
	11	2480	L						
	12	2960	L						
	13	>4000	L						
	14	>4000	L						
	15	3640	L	ND	ND	ND	ND	ND	3750
	16	>4000	L						
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	19600
	22	>4000	L						
	24	>4000	L						
	25	>4000	L	ND	ND	ND	ND	ND	5720
	30	560	L						
	35	920	L	ND	ND	ND	ND	ND	895
	40	720	L						
	45	340	L	ND	ND	ND	ND	ND	306
	50	320	L	ND	ND	ND	ND	ND	322

SP11	SURF	>4000	H	0.207	ND	13500	5770	19270	4280
	1	>4000	H						
	2	>4000	L						
	3	>4000	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	8110
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	8940
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						

	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	7980
	16	>4000	L						
	17	>4000	L						
	18	>4000	L						
	20	100	L	ND	ND	ND	ND	ND	83.2
	22	>4000	L						
	25	<4000	L	ND	ND	ND	ND	ND	6820
	30	<4000	L						
	35	1800	L	ND	ND	ND	ND	ND	1790
	40	1040	L						
	45	560	L	ND	ND	ND	ND	ND	542
	50	540	L	ND	ND	ND	ND	ND	541

SP12	SURF	>4000	H	0.0401	ND	49.6	ND	49.6	10300
	1	>4000	H						
	2	>4000	H						
	3	>4000	H						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	5960
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	60	L	ND	ND	ND	ND	ND	48.3
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						
	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	10900
	16	>4000	L						
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	8610
	25	1000	L	ND	ND	ND	ND	ND	965
	30	>4000	L						
	35	4000	L	ND	ND	ND	ND	ND	3960
	40	>4000	L						
	45	>4000	L	ND	ND	ND	ND	ND	6390
	50	>4000	L						
	55	>4000	L	ND	ND	ND	ND	ND	4270
	60	1440	L						

	65	560	L	ND	ND	ND	ND	ND	631
	70	1120	L						
	75	1280	L	ND	ND	ND	ND	ND	1310
	80	240	L						
	85	100	L	ND	ND	ND	ND	ND	88.7

SP13	SURF	2640	L	ND	ND	50	ND	50	2700
	1	>4000	H						
	2	>4000	H						
	3	3440	L						
	4	>4000	L						
	5	600	L	ND	ND	ND	ND	ND	534
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	8520
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						
	14	>4000	L						
	15	80	L	ND	ND	ND	ND	ND	ND
	16	>4000	L						
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	13300
	22	>4000	L						
	24	>4000	L						
	26	>4000	L	ND	ND	ND	ND	ND	13700
	30	>4000	L	ND	ND	ND	ND	ND	4160
	35	>4000	L	ND	ND	ND	ND	ND	4170
	40	1280	L	ND	ND	ND	ND	ND	1180
	45	400	L						
	50	200	L	ND	ND	ND	ND	ND	136

SP14	SURF	>4000	L	ND	ND	ND	ND	ND	5500
	1	>4000	H						
	2	3840	H						
	3	>4000	L						
	4	>4000	L						
	5	80	L	ND	ND	ND	ND	ND	68.9
	6	2800	L						

	7	>4000	L						
	8	3820	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	7470
	11	>4000	L						
	12	3600	L						
	13	>4000	L						
	14	>4000	L						
	15	60	L	ND	ND	ND	ND	ND	35.8
	16	>4000	L						
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	12600
	22	>4000	L						
	24	3000	L						
	25	2400	L	ND	ND	ND	ND	ND	2280
	30	>4000	L						
	35	3240	L	ND	ND	ND	ND	ND	2960
	40	3000	L						
	45	2480	L	ND	ND	ND	ND	ND	2340
	50	1600	L						
	55	1080	L	ND	ND	ND	ND	ND	954
	60	880	L						
	65	280	L	ND	ND	ND	ND	ND	276
	70	560	L						
	75	400	L	ND	ND	ND	ND	ND	379
	80	100	L	ND	ND	ND	ND	ND	77.3

SP15	SURF	>4000	H	ND	ND	ND	ND	ND	13400
	1	>4000	H						
	2	>4000	H						
	3	>4000	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	14300
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	8400
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						

	14	3260	L						
	15	40	L	ND	ND	ND	ND	ND	27.4
	16	2600	L						
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	11300
	25	400	L	ND	ND	ND	ND	ND	323
	30	640	L						
	35	260	L	ND	ND	ND	ND	ND	235
	40	100	L	ND	ND	ND	ND	ND	217

SP16	SURF	400	L	ND	ND	ND	ND	ND	422
	1	>4000	L						
	2	>4000	L						
	3	>4000	L						
	4	2200	L						
	5	200	L	ND	ND	ND	ND	ND	148
	6	3800	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	6970
	11	>4000	L						
	12	2400	L						
	13	1040	L						
	14	1520	L						
	15	80	L	ND	ND	ND	ND	ND	65.6
	16	1600	L						
	17	1480	L						
	18	1580	L						
	19	40	L	ND	ND	ND	ND	ND	ND
	25	3200	L	ND	ND	ND	ND	ND	2950
	30	>4000	L						
	35	1400	L	ND	ND	ND	ND	ND	1330
	40	880	L						
	45	800	L	ND	ND	ND	ND	ND	851
	50	640	L						
	55	700	L	ND	ND	ND	ND	ND	737
	60	480	L						
	65	400	L	ND	ND	ND	ND	ND	346

SP17	SURF	3400	L	ND	ND	ND	ND	ND	3520
	1	>4000	L						

	2	>4000	L						
	3	>4000	L						
	4	2200	L						
	5	1640	L	ND	ND	ND	ND	ND	1580
	6	3620	L						
	7	3800	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	11000
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						
	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	4000
	16	1200	L						
	20	640	L	ND	ND	ND	ND	ND	683
	25	3600	L						
	30	>4000	L	ND	ND	ND	ND	ND	5530
	35	3440	L						
	40	960	L	ND	ND	ND	ND	ND	1150
	45	1120	L						
	50	800	L	ND	ND	ND	ND	ND	995
	55	1120	L						
	60	20	L	ND	ND	ND	ND	ND	ND
	65	560	L						
	70	100	L	ND	ND	ND	ND	ND	91.1

SP18	SURF	340	L	ND	ND	ND	ND	ND	298
	1	>4000	L						
	2	>4000	L						
	3	>4000	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	5100
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	8170
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						

	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	9490
	16	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	5720
	25	>4000	L						
	30	1240	L	ND	ND	ND	ND	ND	1130
	35	>4000	L						
	40	900	L	ND	ND	ND	ND	ND	849
	45	880	L						
	50	700	L	ND	ND	ND	ND	ND	669
	55	640	L						
	60	640	L	ND	ND	ND	ND	ND	628
	65	580	L	ND	ND	ND	ND	ND	565

SP19	SURF	>4000	L	ND	ND	ND	ND	ND	11500
	1	>4000	L						
	2	>4000	L						
	3	>4000	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	16200
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	7310
	11	>4000	L						
	12	>4000	L						
	13	>4000	L						
	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	14400
	16	>4000	L						
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	16200
	25	>4000	L	ND	ND	ND	ND	ND	4160
	30	1080	L	ND	ND	ND	ND	ND	994
	35	420	L	ND	ND	ND	ND	ND	385
	40	400	L	ND	ND	ND	ND	ND	344
SP20	SURF	>4000	L	ND	ND	ND	ND	ND	4370
	1	>4000	L						
	2	>4000	L						

	3	3680	L						
	4	>4000	L						
	5	>4000	L	ND	ND	ND	ND	ND	16700
	6	>4000	L						
	7	>4000	L						
	8	>4000	L						
	9	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	13600
	12	>4000	L						
	14	>4000	L						
	15	>4000	L	ND	ND	ND	ND	ND	12100
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	8520
	22	>4000	L						
	25	3880	L	ND	ND	ND	ND	ND	3750
	30	3460	L	ND	ND	ND	ND	ND	3500
	35	1200	L	ND	ND	ND	ND	ND	1290
	40	640	L	ND	ND	ND	ND	ND	606
	45	400	L	ND	ND	ND	ND	ND	145
	50	400	L	ND	ND	ND	ND	ND	368
SP21	SURF	>4000	L	ND	ND	ND	ND	ND	5490
	2	>4000	L						
	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	15800
	8	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	10500
	12	>4000	L						
	14	>4000	L						
	16	>4000	L	ND	ND	ND	ND	ND	12700
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	9330
	25	400	L	ND	ND	ND	ND	ND	310
	30	>4000	L	ND	ND	ND	ND	ND	7500
	35	200	L	ND	ND	ND	ND	ND	138
	40	400	L	ND	ND	ND	ND	ND	390
	45	>4000	L	ND	ND	ND	ND	ND	6280
	50	1000	L	ND	ND	ND	ND	ND	936
	55	620	L	ND	ND	ND	ND	ND	663
	60	1200	L	ND	ND	ND	ND	ND	1270
	65	2000	L	ND	ND	ND	ND	ND	2280

	70	1840	L	ND	ND	ND	ND	ND	1920
	75	800	L	ND	ND	ND	ND	ND	787
	80	980	L	ND	ND	ND	ND	ND	1010
	85	620	L	ND	ND	ND	ND	ND	650
	90	560	L	ND	ND	ND	ND	ND	58.9
	95	400	L	ND	ND	ND	ND	ND	363
SP22	SURF	80	L	ND	ND	ND	ND	ND	88.7
	2	>4000	L						
	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	18400
	8	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	9410
	12	>4000	L						
	14	>4000	L						
	16	>4000	L	ND	ND	ND	ND	ND	13200
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	9080
	25	>4000	L	ND	ND	ND	ND	ND	5240
	30	>4000	L	ND	ND	ND	ND	ND	4860
	35	3800	L	ND	ND	ND	ND	ND	3510
	40	2000	L	ND	ND	ND	ND	ND	1760
	45	4000	L	ND	ND	ND	ND	ND	3750
	50	120	L	ND	ND	ND	ND	ND	101
	55	720	L	ND	ND	ND	ND	ND	768
	60	400	L	ND	ND	ND	ND	ND	410
	65	320	L	ND	ND	ND	ND	ND	344
SP23	SURF	>4000	H	ND	ND	729	710	1439	4820
	2	>4000	H						
	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	8110
	8	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	10900
	12	>4000	L						
	14	>4000	L						
	16	1400	L	ND	ND	ND	ND	ND	1230
	18	820	L						
	20	1200	L	ND	ND	ND	ND	ND	1180
	25	500	L	ND	ND	ND	ND	ND	471
	30	2640	L						

	35	880	L	ND	ND	ND	ND	ND	1090
	40	1840	L						
	45	1200	L	ND	ND	ND	ND	ND	1280
	50	320	L						
	55	80	L	ND	ND	ND	ND	ND	91.3
SP24	SURF	80	L	ND	ND	ND	ND	ND	40.5
	2	>4000	L						
	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	21500
	8	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	8280
	12	>4000	L						
	14	>4000	L						
	16	>4000	L	ND	ND	ND	ND	ND	10800
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	19700
	25	800	L	ND	ND	ND	ND	ND	876
	30	560	L						
	35	320	L	ND	ND	ND	ND	ND	328
SP25	SURF	80	L	ND	ND	ND	ND	ND	ND
	2	>4000	L						
	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	14900
	8	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	8860
	12	>4000	L						
	14	>4000	L						
	16	>4000	L	ND	ND	ND	ND	ND	12500
	18	>4000	L						
	20	>4000	L	ND	ND	ND	ND	ND	14600
	22	>4000	L						
	25	>4000	L	ND	ND	ND	ND	ND	16100
	30	1440	L						
	35	>4000	L	ND	ND	ND	ND	ND	7900
	38	480							
	40	320	L	ND	ND	ND	ND	ND	249
SP26	SURF	200	L	ND	ND	ND	ND	ND	145
	2	>4000	L						

	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	5230
	8	>4000	L						
	10	>4000	L	ND	ND	ND	ND	ND	11700
	12	>4000	L						
	14	>4000	L						
	16	>4000	L	ND	ND	ND	ND	ND	5360
	18	>4000	L						
	20	550	L	ND	ND	ND	ND	ND	480
	25	320	L	ND	ND	ND	ND	ND	261
SP27	SURF	1120	H	ND	ND	89.5	72.3	161.8	1310
	2	>4000	L						
	4	>4000	L						
	6	>4000	L	ND	ND	ND	ND	ND	17500
	8	720	L						
	10	840	L	ND	ND	ND	ND	ND	829
	12	240	L						
	14	1280	L						
	16	100	L	ND	ND	ND	ND	ND	81.8
	18	840	L						
	20	200	L	ND	ND	ND	ND	ND	173
	25	400	L	ND	ND	ND	ND	ND	478
	30	380	L	ND	ND	ND	ND	ND	323
SP28	SURF	560	L	ND	ND	ND	ND	ND	582
	2	1280	L						
	4	720	L						
	6	160	L	ND	ND	ND	ND	ND	ND
	8	80	L	ND	ND	ND	ND	ND	ND
SP29	SURF	240	L	ND	ND	ND	ND	ND	262
	1	3680	L						
	2	4000	L						
	4	160	L						
	6	80	L	ND	ND	ND	ND	ND	ND
SP30	SURF	60	L	ND	ND	ND	ND	ND	20.8
	1	120	L						
	2	320	L						
	4	200	L	ND	ND	ND	ND	ND	162

SW1	SURF	200	H	ND	ND	ND	ND	ND	151
	1	3040	H						
	2	640	H						
	3	3120	H						
	4	1600	H						
	5	>4000	H						
	6	3040	H						
	7	1480	H						
	8	980	H						
	9	520	H						
	10	20	H	ND	ND	ND	ND	ND	ND
SW1A	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80	L						
	2	80	L	ND	ND	ND	ND	ND	ND
SW2	SURF	1880	H	ND	ND	1770	1220	2990	2010
	1	>4000	H						
	2	2400	H						
	3	1920	H						
	4	80	L						
	5	80	L	ND	ND	ND	ND	ND	ND
SW3	SURF	40	L	ND	ND	77.7	ND	77.7	ND
	1	160	L						
	2	80	L	ND	ND	ND	ND	ND	ND
SW4	SURF	2480	L	ND	ND	ND	ND	ND	2290
	1	480	L						
	2	60	L	ND	ND	ND	ND	ND	48.9
SW5	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	80	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW6	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	160	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW7	SURF	2000	L	ND	ND	ND	ND	ND	2080

	1	80	L						
	2	40	L	ND	ND	ND	ND	ND	ND
SW8	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	80	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW9	SURF	20	L	ND	ND	ND	ND	ND	ND
	1	80	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW10	SURF	40	L	ND	ND	ND	ND	ND	32.3
	1	80	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW11	SURF	3040	L	ND	ND	400	197	597	3220
	1	400	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW12	SURF	>4000	H	ND	ND	ND	ND	ND	7640
	1	2880	H						
	2	880	H						
	3	640	H						
	4	160	L						
	5	40	L	ND	ND	ND	ND	ND	30.4
SW13	SURF	>4000	L	ND	ND	ND	ND	ND	6770
	1	80	L						
	2	20	L	ND	ND	ND	ND	ND	22.8
SW14	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	60	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW15	SURF	300	H	ND	ND	ND	ND	ND	290
	1	640	L						
	2	160	L						
	3	20	L	ND	ND	ND	ND	ND	ND
SW16	SURF	60	L	ND	ND	ND	ND	ND	56.3
	1	60	L						

	2	20	L	ND	ND	ND	ND	ND	ND
SW17	SURF	480	L	ND	ND	ND	ND	ND	451
	1	80	L						
	2	80	L	ND	ND	ND	ND	ND	ND
SW18	SURF	40	L	ND	ND	ND	ND	ND	ND
	1	40	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW19	SURF	20	L	ND	ND	ND	ND	ND	ND
	1	60	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW20	SURF	20	L	ND	ND	ND	ND	ND	ND
	1	40	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW21	SURF	480	L	ND	ND	ND	ND	ND	498
	1	80	L						
	2	ND	L	ND	ND	ND	ND	ND	ND
SW22	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	40	L						
	2	20	L	ND	ND	ND	ND	ND	ND
SW23	SURF	80	L	ND	ND	ND	ND	ND	ND
	1	80	L						
	2	80	L	ND	ND	ND	ND	ND	ND
SW24	SURF	160	L	ND	ND	ND	ND	ND	150
	1	80	L						
	2	20	L	ND	ND	ND	ND	ND	ND

The impacted area was then delineated horizontally, the samples were obtained, field evaluated and final sidewalls were then submitted to Envirotech Labs for confirmation. Please find the field sample data and lab analysis below and attached to this report.

Boring Rig at this time was instructed to drill until either the capillary fringe, water or to 100'bgs was reached to determine depth to ground water near the area of the release. The boring rig drilled to 120'bgs and did not encounter groundwater, moist soil, or the capillary fringe, therefore it has been determined that groundwater is deeper than 120'bgs. Please find the soil bore report from Desert Sand Water Well Services attached to this report.

Conclusion, Remediation Workplan Request

On behalf of Tap Rock, ESS would like to propose the following remediation workplan:

- Excavate the impacted area to 4'bgs and haul off approximately 2500 cy of impacted soil to an approved disposal site.
- Five-point composites will be obtained, with the following variance request:
  - ESS would like to request approval to obtain 500 sq. ft. composites which will consist of 32 vertical and 24 horizontals, this would cut down on composites from the 200 sq. ft. requirement which would be a total of 80 vertical composites.
- Install a 40 mill-polyurethan liner at 4', capping the outside edges.
- Backfilling the entire vadose zone with clean topsoil, brought in from Taprocks Pit.
- Contouring back to the lands natural grade and seeding with BLM #3.
- A final closure report will be submitted to the NMOCD upon completion of the remediation, if approved.

Scheduling of the 4' excavation will begin in the next two weeks. The liner installation and composite samples will be completed immediately following the approval of this workplan.

Thank you in advance for the consideration of the above remediation request for the Taprock Operating "Yada B Waterline." If you have any questions or concerns, please do not hesitate to contact the undersigned.

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

Attachments:

- Spill Notification Email
- Initial C141 Form
- Spill Calculation
- OCD Portal Documentation
- OCD Approval Email
- Impact Map
- Site Map
- Rangeland and Vegetation Classification
- Soil Map
- FEMA Map
- Karst Map
- Watercourse Map
- Groundwater Data
- Groundwater Map
- OSE POD Map
- Initial Site Photos
- Delineation Photos
- Delineation Sample Data
- Delineation Sample Map
- Soil Bore Log
- Soil Bore Map
- Lab Analysis
- Remediation C141

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Natalie Gladden

From: Bill Ramsey <Bramsey@taprk.com>
Sent: Monday, July 18, 2022 5:48 PM
To: Hamlet, Robert, EMNRD; ocdonline, emnrd, EMNRD; Bratcher, Mike, EMNRD; CFO_Spill, BLM_NM; Amos, James A
Cc: Christian Combs; Natalie Gladden; Randy Gladden; Paul Weddle; Justin Britsch; Aaron Byrd; Dakoatah Montanez
Subject: Tap Rock Release: Yada B Spill 7/17/2022

All,

I would like to notify the agencies of a spill that occurred near the Yada B CTB. Please see details below:

Location: Yada B CTB
Facility No. fAPP2126033332
Legal: O-35-24S-35E
Lat/Long: 32.17632, -103.35572
DOR: 7/17/22
Volume of Release: The exact release volume is unknown as ESS is currently on location obtaining accurate measurements – estimates point to approximately 3000 bbls of produced water spilled into the pasture area.
Cause of Release: Tap Rock has seen high line pressure from our water provider for the past 2 weeks and we believe this may be what caused the rupture in the line.

Tap Rock will submit an initial C-141 and updated spill volumes (via Spill calculator) as soon as possible.

Thank you,

Bill Ramsey
Environmental Specialist
Cell: (720) 238-2787

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAPP2220044047
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party **TAP ROCK OPERATING, LLC**	OGRID **372043**
Contact Name **CHRISTIAN COMBS**	Contact Telephone **(720)360-4028**
Contact email **CCOMBS@TAPRK.COM**	Incident # *(assigned by OCD)*
Contact mailing address **523 PARK POINT DRIVE #200**	**GOLDEN CO, 80401**

Location of Release Source

Latitude **32.17632** Longitude **-103.35572**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name **YADA B WATER LINE LEAK**	Site Type **PRODUCTION**
Date Release Discovered **7/17/2022**	API# *(if applicable)* ***30-025-47803*** ***(CLOSEST WELL)***

Unit Letter	Section	Township	Range	County
C	34	24S	35E	LEA COUNTY

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* ***TAP ROCK***)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) **665.41**	Volume Recovered (bbls) **0**
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Tap Rock has seen high line pressure from our water provider for the past 2 weeks and we believe this may be what caused the rupture in the line.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2220044047
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? **DUE TO VOLUME OF SPILL**
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? **EMAIL WAS SENT BY BILL RAMSEY ON JULY 17, 2022 AT5:48 P.M. EMAIL SENT TO OCD ONLINE, HAMLET, BRATCHER**	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: **DAKOTAH MONTANEZ** Title: **GENERAL MANAGER**

Signature: Dakotah Montanez Date: 7/19/2022

email: **_DAKOTAH@ENERGYSTAFFINGLLC.COM** Telephone: **_575-631-9871**

OCD Only

Received by: Jocelyn Harimon Date: 07/19/2022

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	10	10	0.083	8.3	0.24	Fine Sand
Medium Sand	0.25	1028	25	0.581	14931.7	665.41	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravely Sand	0.26	10	10	0.083	8.3	0.38	Gravely Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	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 requred *(I.e. a release is estimated to be greater than or less than 5 barrel volumes)*

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

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

Cubic Feet = L x W x D

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

District I
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District II
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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 126848
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	7/19/2022

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QUESTIONS

Action 126839

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 126839
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all of the questions in this group.*	
Site Name	YADA B CTB WATER LINE RELEASE
Date Release Discovered	07/17/2022
Surface Owner	Private

Incident Details *Please answer all of the questions in this group.*	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Other | Flow Line - Production | Produced Water | Released: 665 BBL | Recovered: 0 BBL | Lost: 665 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 126839
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by 19.15.29.7(A) NMAC	**Yes, major release.**
Reasons why this would be considered a submission for a notification of a major release	• Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	BILL RAMSEY
If YES, was immediate notice given to the OCD, to whom	OCD ONLINE, BRATCHER, HAMLET
If YES, was immediate notice given to the OCD, when	07/17/2022
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	EMAIL
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 126839
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☑	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☑	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.
☑	I acknowledge the fact that 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.
☑	I acknowledge the fact that, 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.

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CONDITIONS

Action 126839

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 126839
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
ngladden1	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	7/19/2022

Page 36 of 686

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Tuesday, July 19, 2022 1:30 PM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 126848

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#) nAPP2220044047,
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,
Jocelyn Harimon
Environmental Specialist
575-748-1283
Jocelyn.Harimon@state.nm.us

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

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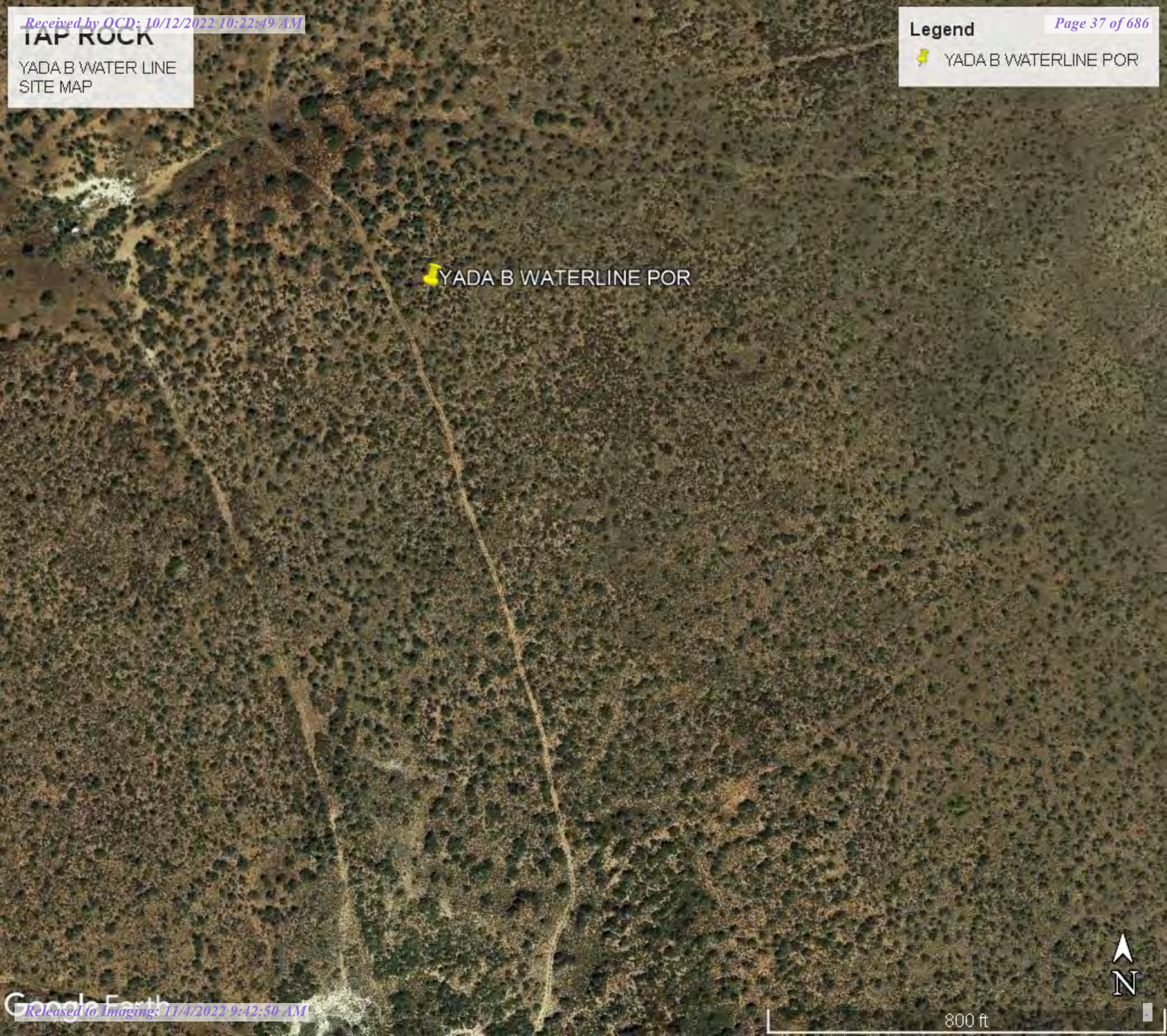
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TAP ROCK

YADA B WATER LINE
SITE MAP

Legend

YADA B WATERLINE POR



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Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

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

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

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

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

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

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

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

Reference:

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

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

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

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Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
Pyote	Loamy Sand (R042XC003NM)	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 (R042XC003NM)	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		
					other shrubs	5		
					sand sagebrush	5		

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Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
Map unit symbol and soil name	Ecological Site, Plant Association, or Habitat Type	Total dry-weight production			Characteristic rangeland or forest understory vegetation	Composition		
		Favorable year	Normal year	Unfavorable year			Rangeland	Forest understory
		Lb/ac	*Lb/ac*	*Lb/ac*		*Pct dry wt*	*Pct dry wt*	
PY—Pyote soils and Dune land								
Pyote	Loamy Sand (R042XC003NM)	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		
Dune land	—	—	—	—	—			

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

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Soil Map—Lea County, New Mexico
(YADA B WATERLINE)



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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 18, Sep 10, 2021

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.

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	10.5	53.9%
PY	Pyote soils and Dune land	9.0	46.1%
Totals for Area of Interest		**19.5**	**100.0%**

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National Flood Hazard Layer FIRMette

FEMA

103°21'39"W 32°10'50"N



103°21'2"W 32°10'19"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

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

Legend

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

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

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

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

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

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 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

N

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

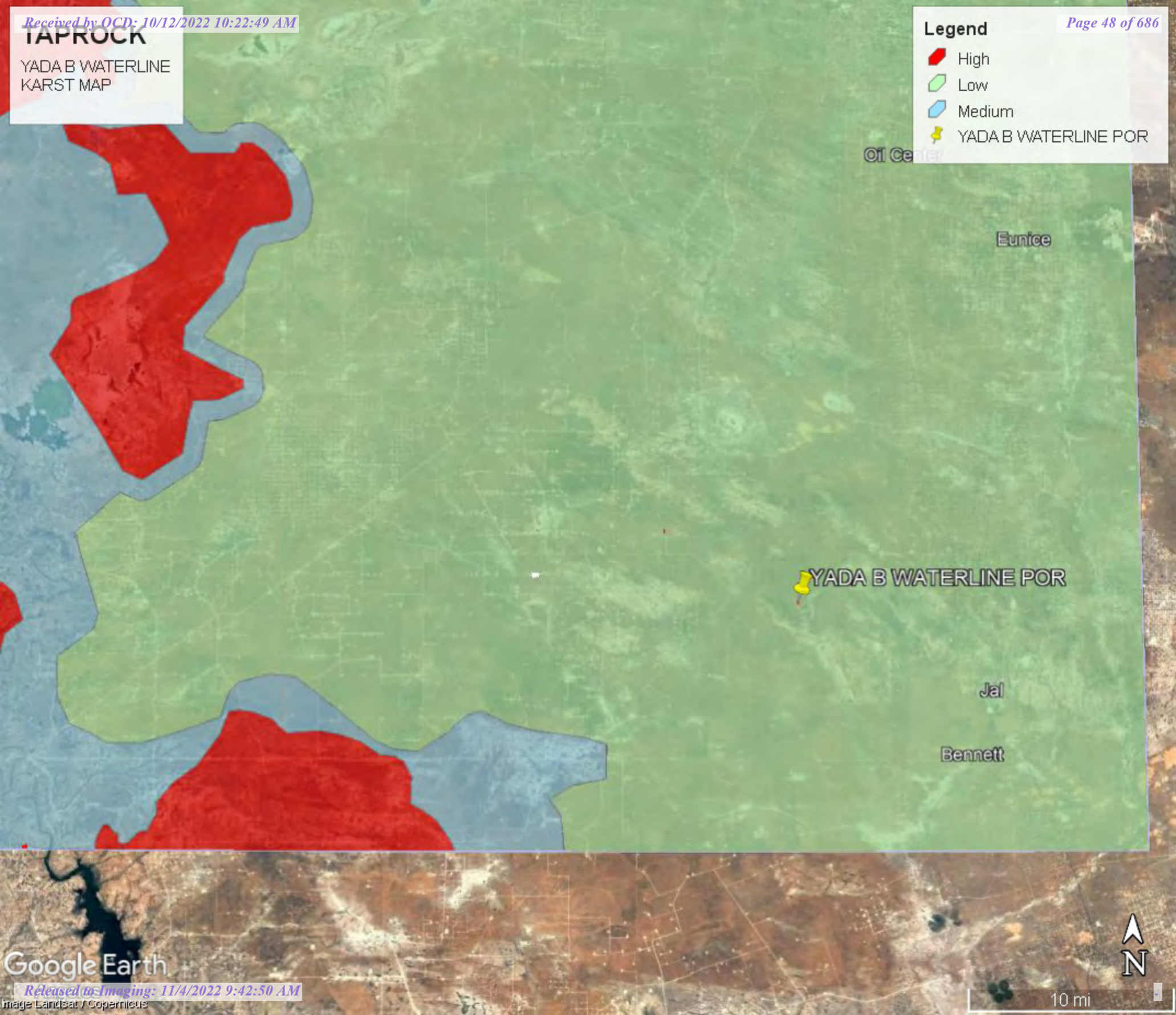
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/16/2022 at 12:22 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.

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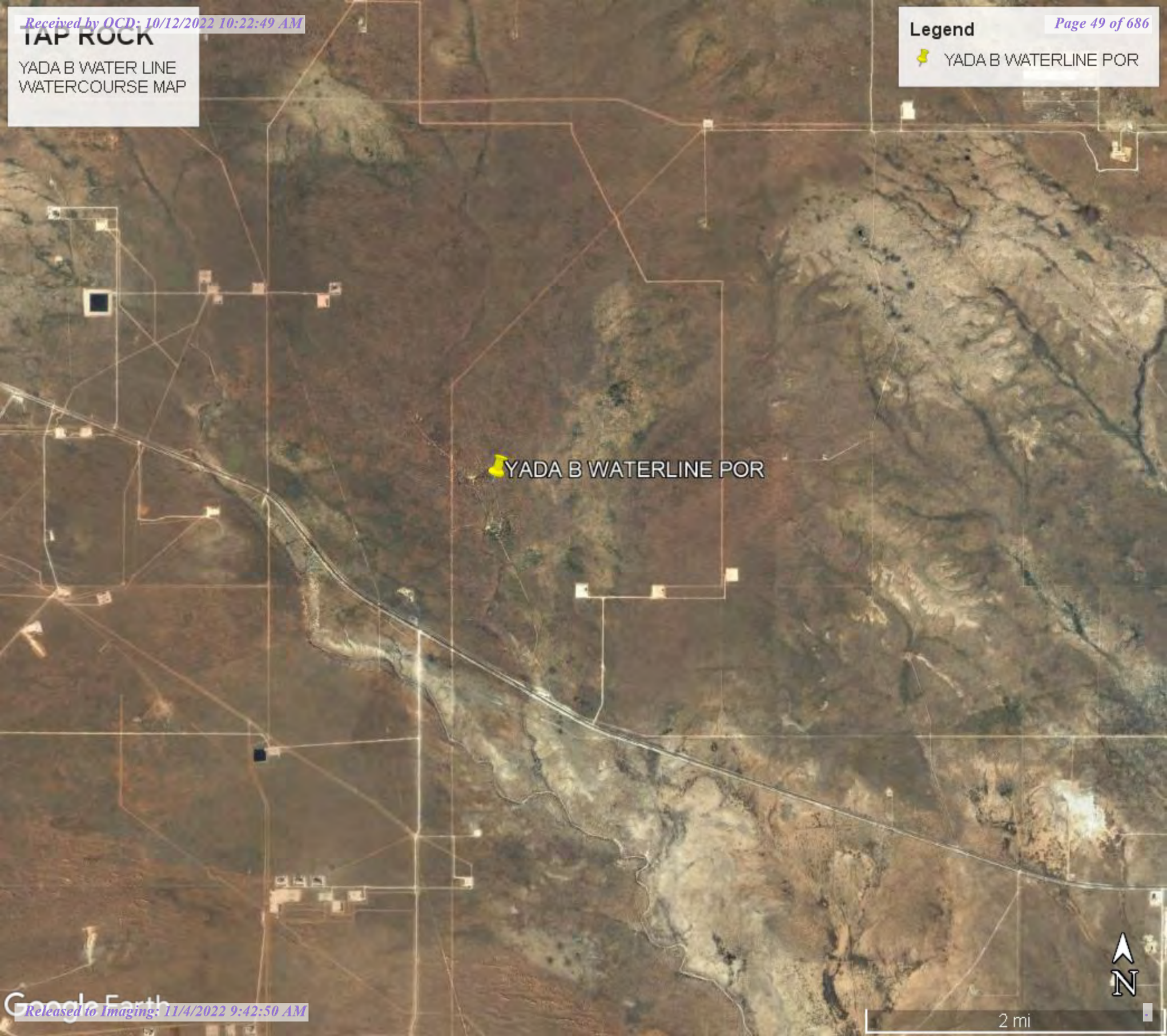
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TAP ROCK

YADA B WATER LINE
WATERCOURSE MAP

Legend

YADA B WATERLINE POR



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New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 655022.37 **Northing (Y):** 3561164.47 **Radius:** 1000

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

New Mexico Office of the State Engineer

Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
CP 01119 POD2		CP	LE				4	23	24S	35E	657210	3564007	3587	10/20/2012	11/05/2012	12/14/2012	1572		STEWART, PHILLIP D.	331

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 655022.37 **Northing (Y):** 3561164.47 **Radius:** 5000

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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 64	q 16	q 4	Sec	Twp	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
CP 01119 POD2		CP	LE				4	23	24S	35E	657210	3564007	3587	10/20/2012	11/05/2012	12/14/2012	1572		STEWART, PHILLIP D.	331
CP 01919 POD1		CP	LE		1	3	3	31	24S	36E	659230	3560419	4273	09/20/2022	09/20/2022	09/30/2022	101		JACKIE D ATKINS	1249
CP 00543		CP	LE	Shallow	3	3	3	20	24S	36E	660757	3563507*	6194	11/06/1974	07/01/1975	07/14/1975	127	97	WHITE, QUINCE L.	439
CP 01513 POD1		CP	LE	Shallow	3	3	1	10	24S	35E	654184	3567350	6242	06/29/2015	06/30/2015	07/13/2015	186		DURNA, LUIS A. (TONY)	1607
CP 00573		CP	LE	Shallow	1	4	1	10	24S	35E	654657	3567638*	6483	09/28/1978	10/12/1978	10/19/1978	405	300	ABBOTT, MURRELL	46
C 04042 POD2		CUB	LE		2	1	4	36	24S	34E	648549	3561545	6484			02/09/2018			WHITE, JOHNNOWN.IGENER	1456
C 04042 POD1		CUB	LE		2	1	4	36	24S	34E	648539	3561545	6494	12/20/2017	12/20/2017	02/09/2018			WHITE, JOHNNOWN.IGENER	1456
CP 01056 POD1		CP	LE	Artesian	4	4	3	02	24S	35E	656465	3568304	7284	01/20/2012	02/08/2012	02/23/2012	5396	4399	SALAZAR, ANGEL	1192
CP 00523		CP	LE	Shallow		3	1	33	24S	36E	662506	3561217*	7483	08/21/1975	08/27/1975	09/29/1975	75	53	BAKER, E.B.	274
CP 01057 POD1		CP	LE	Artesian	4	2	3	02	24S	35E	656464	3568762	7733	05/11/2012	06/07/2012	06/25/2012	5390	4365	SALAZAR, ANGEL (LD)	1192
CP 01918 POD1		CP	LE		1	1	1	09	25S	36E	662528	3558484	7969	09/19/2022	09/19/2022	09/30/2022	101		JACKIE D ATKINS	1249
C 03942 POD1		CUB	LE	Shallow	3	1	2	35	24S	34E	647005	3561246	8018	05/12/2016	05/17/2016	08/05/2021	420	222	MULLINS, JUSTINIEL.NER	1737
CP 01170 POD5		CP	LE	Shallow	2	2	2	19	25S	36E	660687	3555164	8251	10/28/2014	11/04/2014	02/19/2015	505	270	DURAN, LUIS (TONY)	1607
CP 00435 POD4		CP	LE	Artesian			3	16	24S	36E	662638	3565440*	8733	08/11/1967	08/27/1967	09/07/1967	4500	3955		
CP 00937 POD2		CP	LE	Shallow	3	3	1	34	24S	36E	664013	3561140*	8990	11/27/2006	11/29/2006	12/07/2006	200		DURAN, LUIS (LD)	1607
CP 00970 POD1		CP	LE	Shallow	3	2	4	08	24S	36E	661820	3567094	9020	01/11/2008	01/11/2008	01/25/2008	198	180	COX, TOM W.	1497
CP 00482 POD1		CP	LE	Shallow		2	1	16	24S	36E	662817	3566451*	9418	09/24/1970	09/29/1970	10/13/1970	4500		HAYES, R.J.	463
CP 00326 POD1		CP	LE	Shallow	1	1	3	09	24S	36E	662298	3567349*	9548	01/18/1968	01/30/1968	02/06/1968	251	187	WHITE, QUINCE L.	439
CP 00435 POD2		CP	LE	Artesian		1	3	09	24S	36E	662399	3567250*	9562	10/03/1967	10/15/1967	10/25/1967	4500	3900		
CP 00435 POD3		CP	LE				2	16	24S	36E	663427	3566255*	9826	03/28/1972	04/11/1972	05/01/1972	4500	960		

Record Count: 20

UTMNAD83 Radius Search (in meters):

Easting (X): 655022.37 **Northing (Y):** 3561164.47 **Radius:** 10000

***UTM location was derived from PLSS - see Help**

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01119 POD2			4	23	24S	35E	657210	3564007

Driller License:	331	**Driller Company:**	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.		
Driller Name:	STEWART, PHILLIP D.				
Drill Start Date:	10/20/2012	**Drill Finish Date:**	11/05/2012	**Plug Date:**	
Log File Date:	12/14/2012	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	8.92	**Depth Well:**	1572 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	CP 01919 POD1	1	3	3	31	24S	36E	659230	3560419

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE D ATKINS

Drill Start Date:	09/20/2022	**Drill Finish Date:**	09/20/2022	**Plug Date:**	09/26/2022
Log File Date:	09/30/2022	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	101 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) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	CP 00543	3	3	3	20	24S	36E	660757	3563507*

Driller License:	439	**Driller Company:**	WHITE, QUINCE L.		
Driller Name:	WHITE, QUINCE L.				
Drill Start Date:	11/06/1974	**Drill Finish Date:**	07/01/1975	**Plug Date:**	
Log File Date:	07/14/1975	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	5.00	**Depth Well:**	127 feet	**Depth Water:**	97 feet

Water Bearing Stratifications:	Top	Bottom	Description
	97	125	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	95	125

***UTM location was derived from PLSS - see Help**

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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
	CP 01513 POD1	3	3	1	10	24S	35E	654184	3567350

Driller License:	1607	**Driller Company:**	DURAN DRILLING		
Driller Name:	DURNA, LUIS A. (TONY)				
Drill Start Date:	06/29/2015	**Drill Finish Date:**	06/30/2015	**Plug Date:**	
Log File Date:	07/13/2015	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	1 GPM
Casing Size:	6.00	**Depth Well:**	186 feet	**Depth Water:**	

Water Bearing Stratifications:	Top	Bottom	Description
	178	181	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	165	185

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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) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	CP 00573	1	4	1	10	24S	35E	654657	3567638*

Driller License:	46	**Driller Company:**	ABBOTT BROTHERS COMPANY		
Driller Name:	ABBOTT, MURRELL				
Drill Start Date:	09/28/1978	**Drill Finish Date:**	10/12/1978	**Plug Date:**	11/01/1978
Log File Date:	10/19/1978	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	20 GPM
Casing Size:	5.50	**Depth Well:**	405 feet	**Depth Water:**	300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	300	405	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	355	405

***UTM location was derived from PLSS - see Help**

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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 04042 POD2	2	1	4	36	24S	34E	648549	3561545

Driller License: 1456 **Driller Company:** WHITE DRILLING COMPANY

Driller Name: WHITE, JOHNNOWN.IGENER

Drill Start Date:	**Drill Finish Date:**	**Plug Date:**
Log File Date: 02/09/2018	**PCW Rcv Date:**	**Source:**
Pump Type:	**Pipe Discharge Size:**	**Estimated Yield:**
Casing Size:	**Depth Well:**	**Depth Water:**

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

Received by OCD: 10/12/2022 10:22:49 AM

TAPROCK

YADA B WATERLINE
GROUNDWATER MAP

Legend

- C 04042 POD2 - 2018 3.68 MILES FR SITE NO GW DATA
- CP 00543 - 1974 3.5 MILES FROM SITE 97' DGW
- CP 00573 - 1978 3.68 MILES FR SITE 300'DGW
- CP 00624 - 1980 5.88 MILES FR SITE NO GW DATA
- CP 01119 POD2 - 2012 2.04 MILES FR SITE NO GW DATA
- CP 01513 POD1 - 2015 3.55 MILES FR SITE NO GW DATA
- YADA B WATERLINE POR

CP 00573 - 1978 3.68 MILES FR SITE 300'DGW

CP 01513 POD1 - 2015 3.55 MILES FR SITE NO GW DATA

CP 01119 POD2 - 2012 2.04 MILES FR SITE NO GW DATA

CP 00543 - 1974 3.5 MILES FROM SITE 97' DGW

C 04042 POD2 - 2018 3.68 MILES FR SITE NO GW DATA

YADA B WATERLINE POR

CP 00624 - 1980 5.88 MILES FR SITE NO GW DATA

Jal

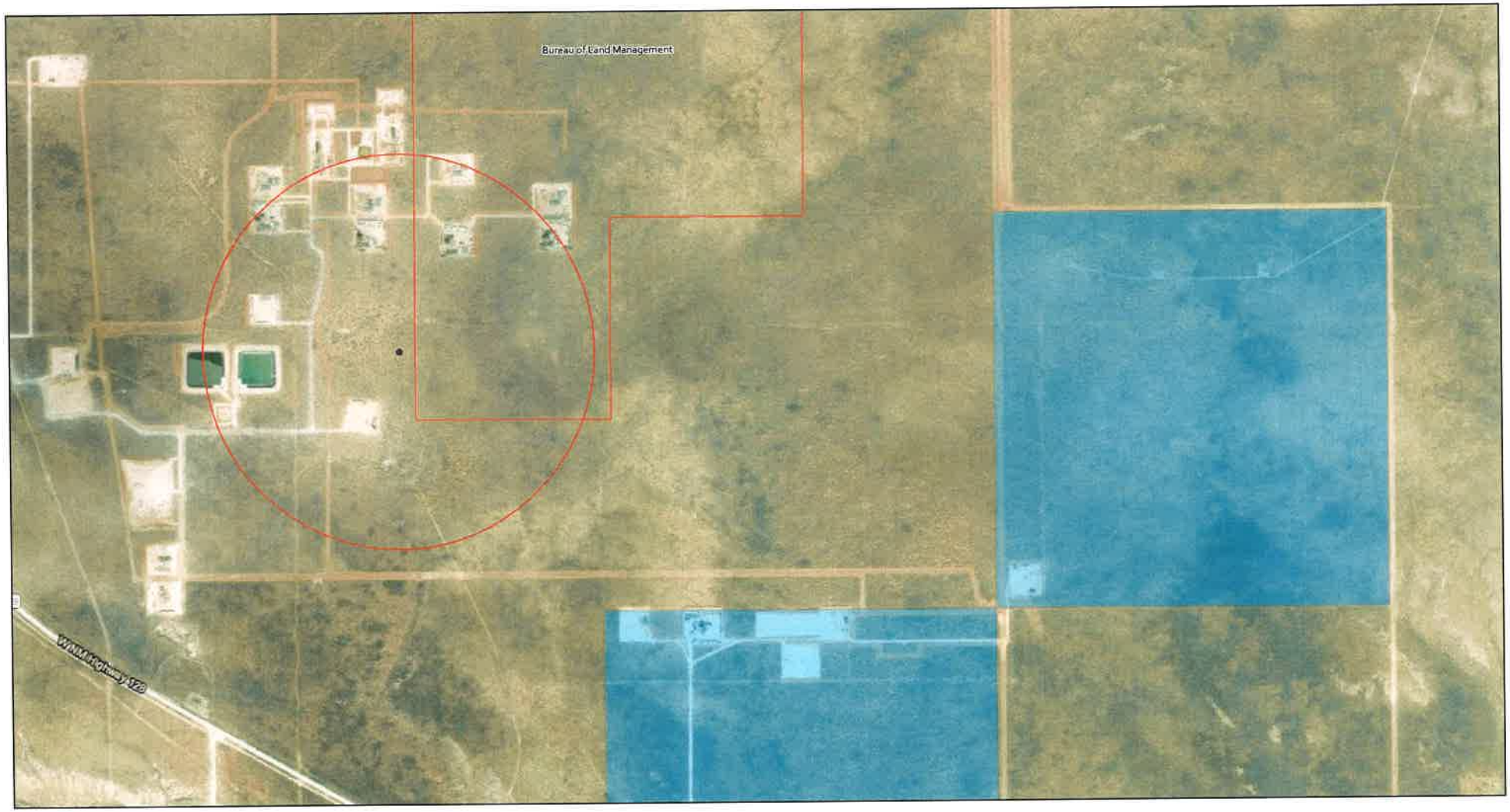
N

Google Earth

6 mi

Released to Imaging: 11/4/2022 9:42:50 AM

OSE POD Locations Map



7/26/2022, 9:59:12 AM

Current Incidents

- 300,000 or more
- 50,000-299,999
- 10,000-49,999
- 1,000-9,999
- 0-999
- New (Past 24-hour)
- Incident Complex
- Prescribed Fire

Current Perimeters

- Wildfire Daily Fire Perimeter
- Prescribed Fire
- OSE District Boundary

Water Right Regulations

- Closure Area
- Soil & Water Conservation Districts
- Federal Lands

New Mexico State Trust Lands

- Both Estates
- SiteBoundaries

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

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

Unofficial Online Map
These maps are distributed "as is" without warranty of any kind.

Received by OCD: 10/12/2022 10:22:49 AM

Released to Imaging: 11/4/2022 9:42:50 AM

YADA B WATERLINE
INITIAL SITE PHOTOS





















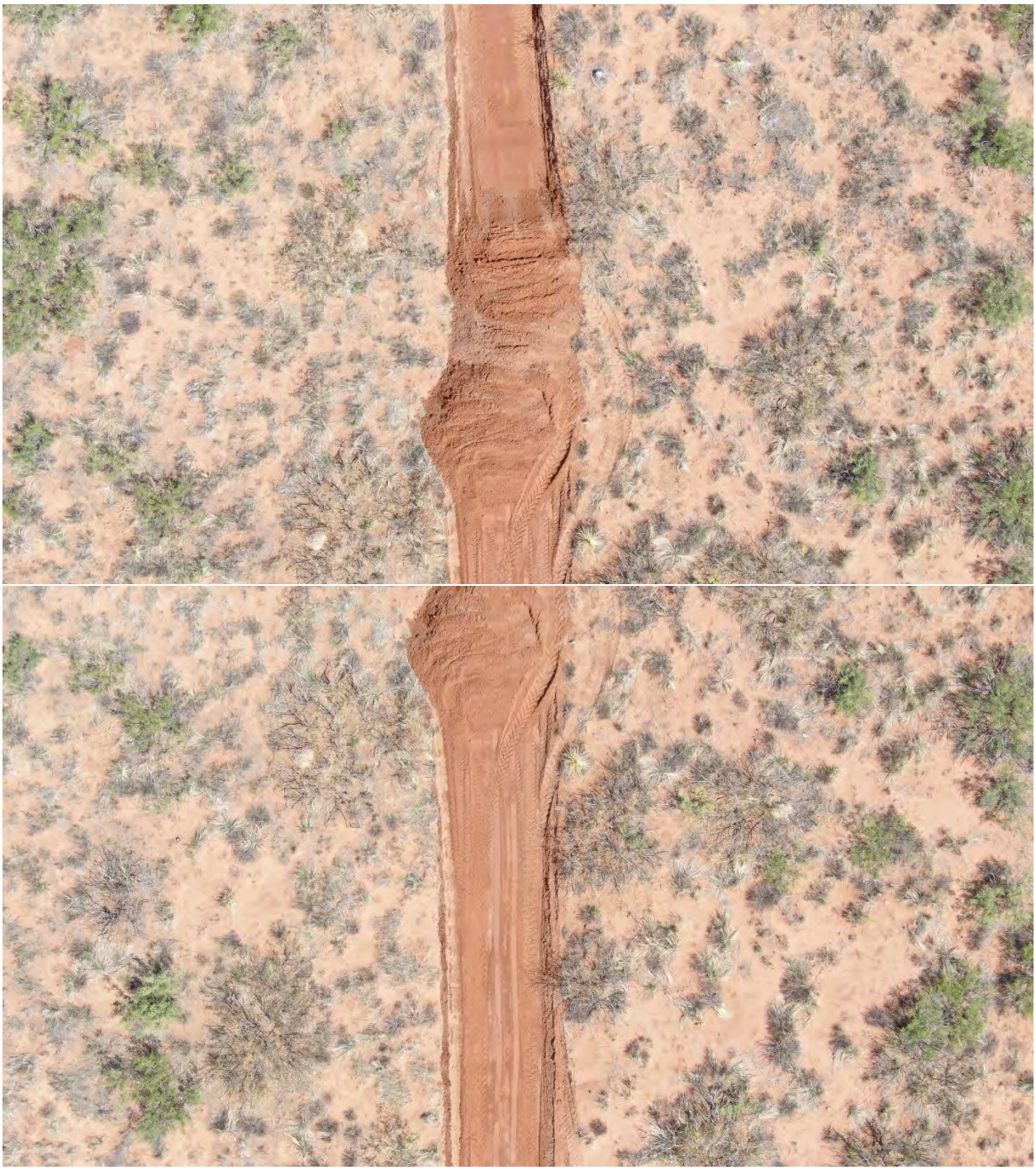


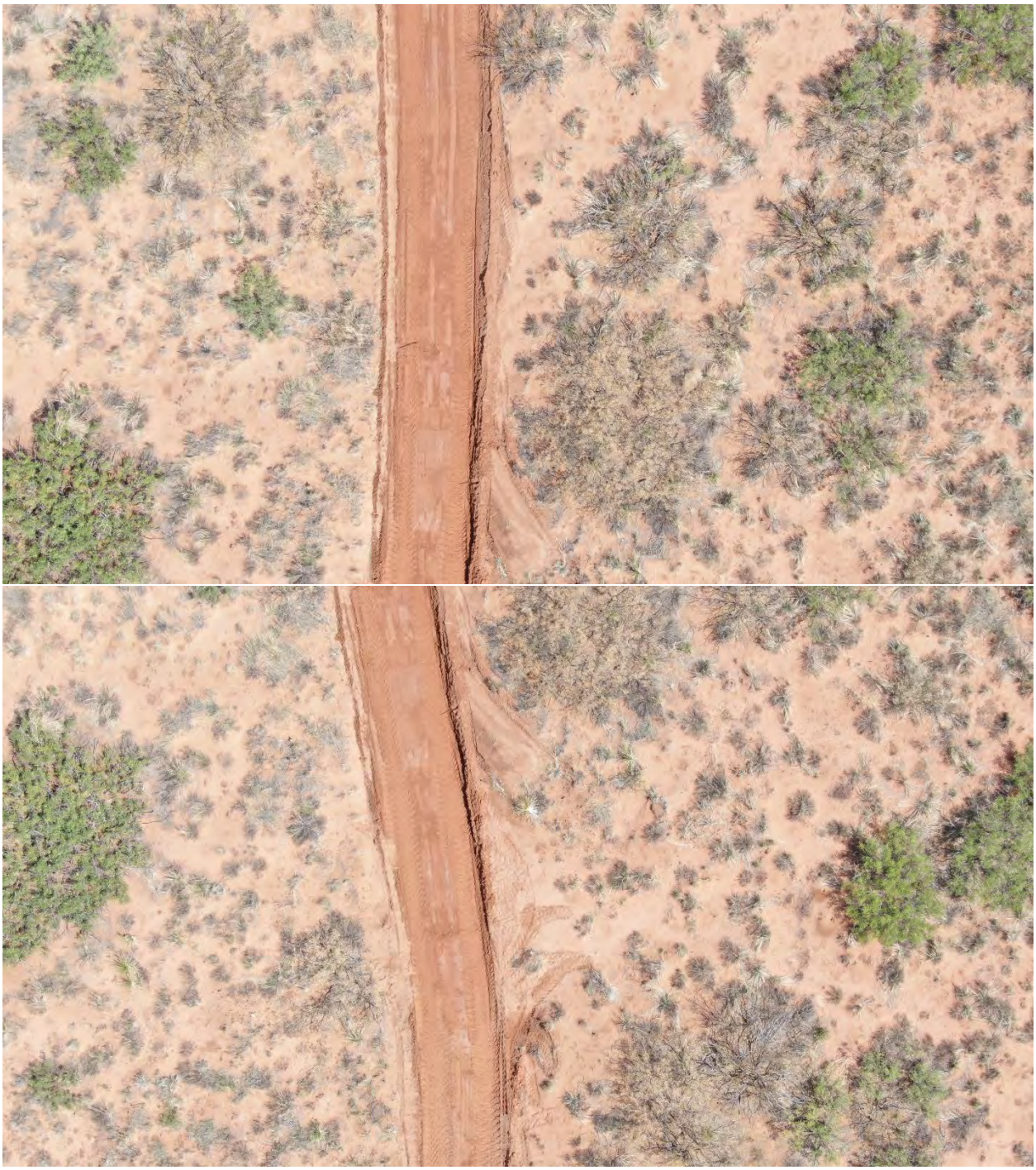




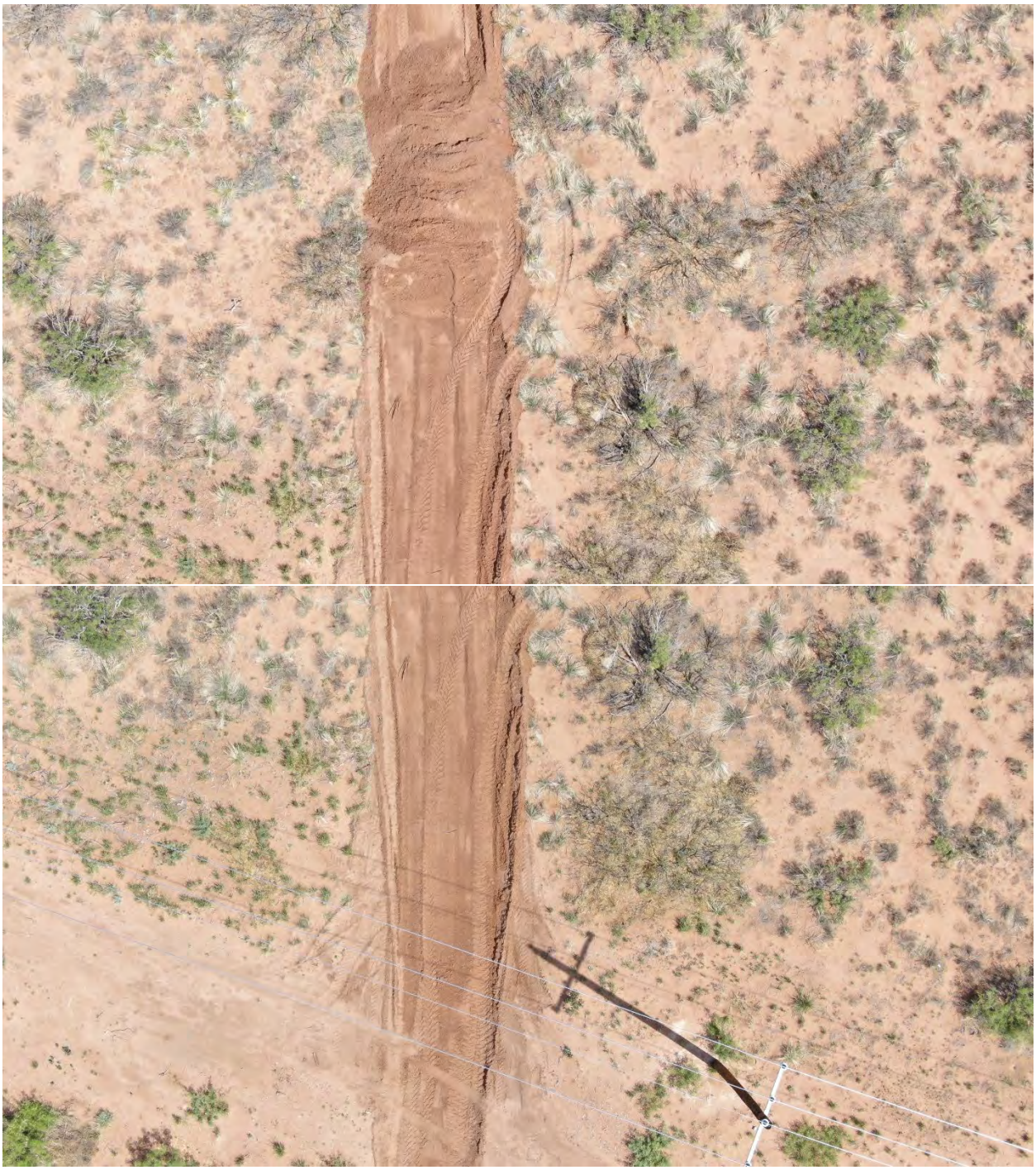








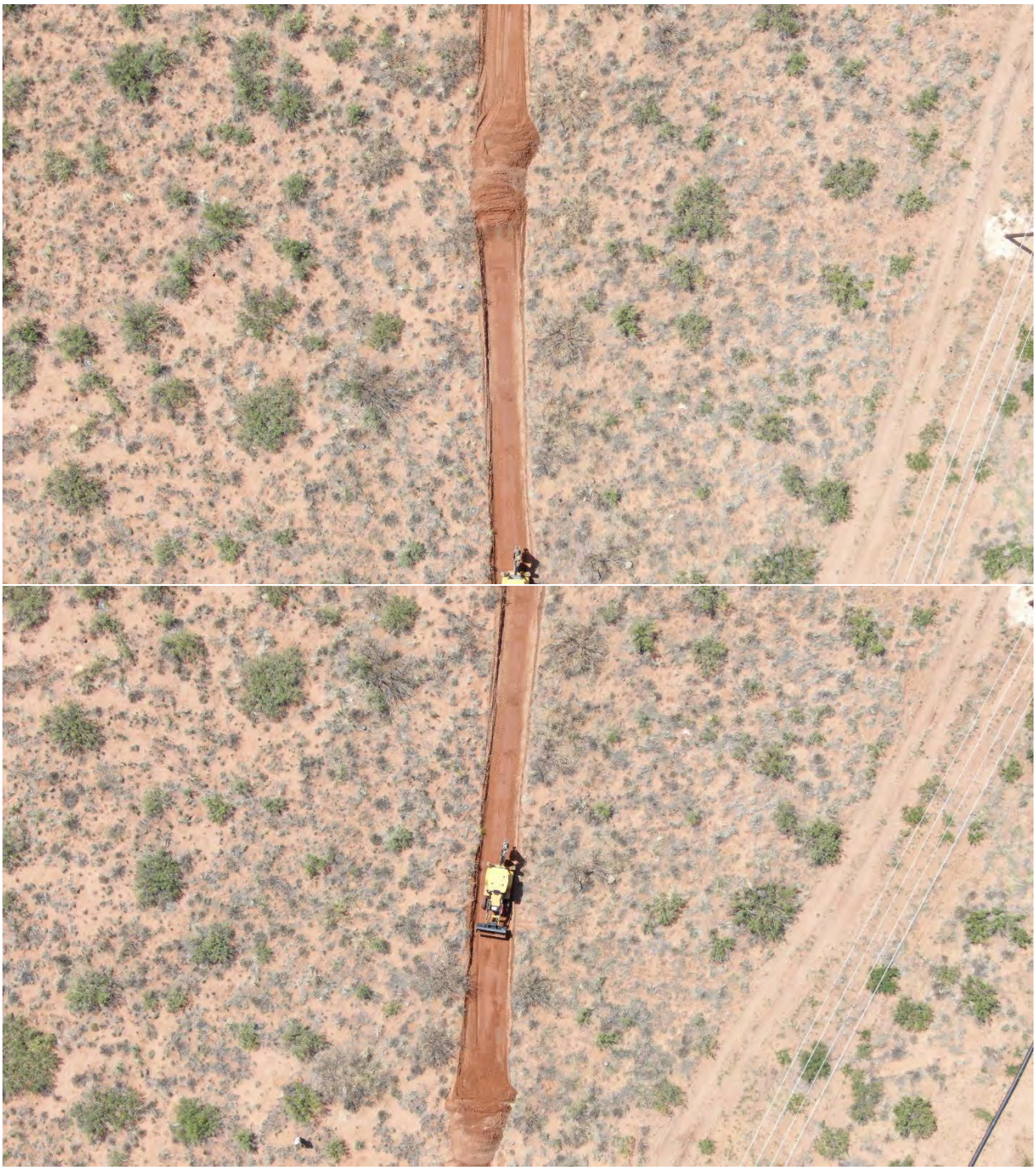




















DRONE PHOTOS SHOW THE AREA SCRAPED UP BY NGL

YADA B WATERLINE
DELINEATION PHOTOS




Jul 22, 2022 at 13:29:01
32.176065° N, 103.355679° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples and
haul off


Jul 21, 2022 at 15:03:41
32.176295° N, 103.355502° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples and
haul off

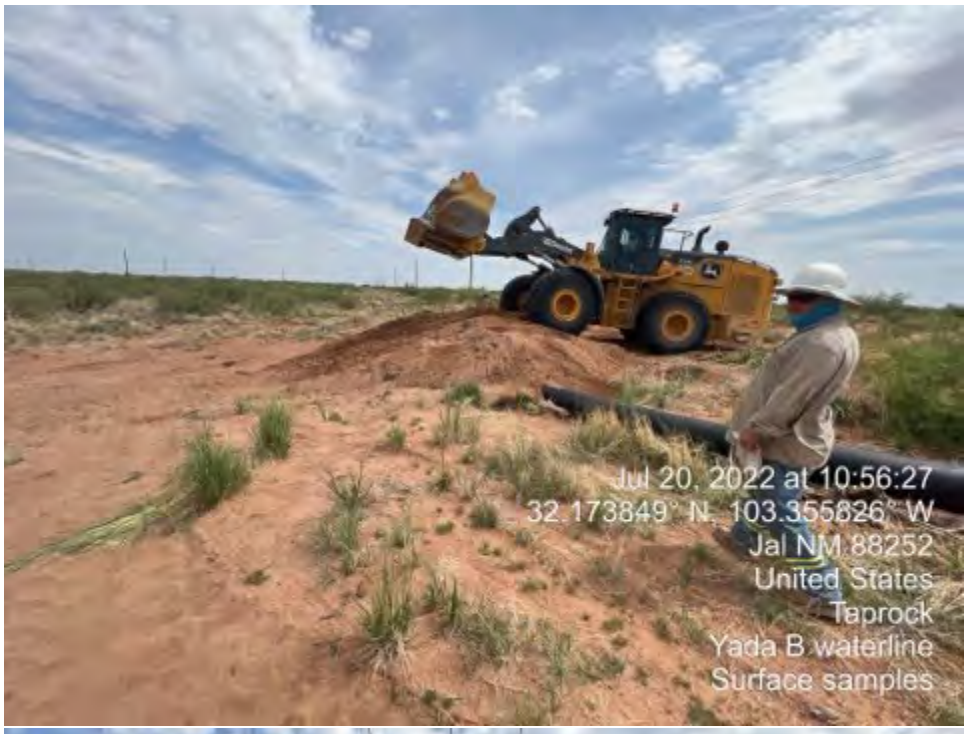

Jul 21, 2022 at 13:42:02
32.174624° N, 103.355338° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples and
haul off


Jul 21, 2022 at 11:07:36
32.175026° N, 103.355579° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples and
haul off


Jul 21, 2022 at 08:14:30
32.173714° N, 103.357053° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples and
haul off


Jul 20, 2022 at 15:38:02
32.173966° N, 103.356751° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples


Jul 20, 2022 at 14:10:55
32.176237° N, 103.355720° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples


Jul 20, 2022 at 10:56:27
32.173849° N, 103.355826° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples


Jul 20, 2022 at 09:17:13
32.173881° N, 103.355500° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics

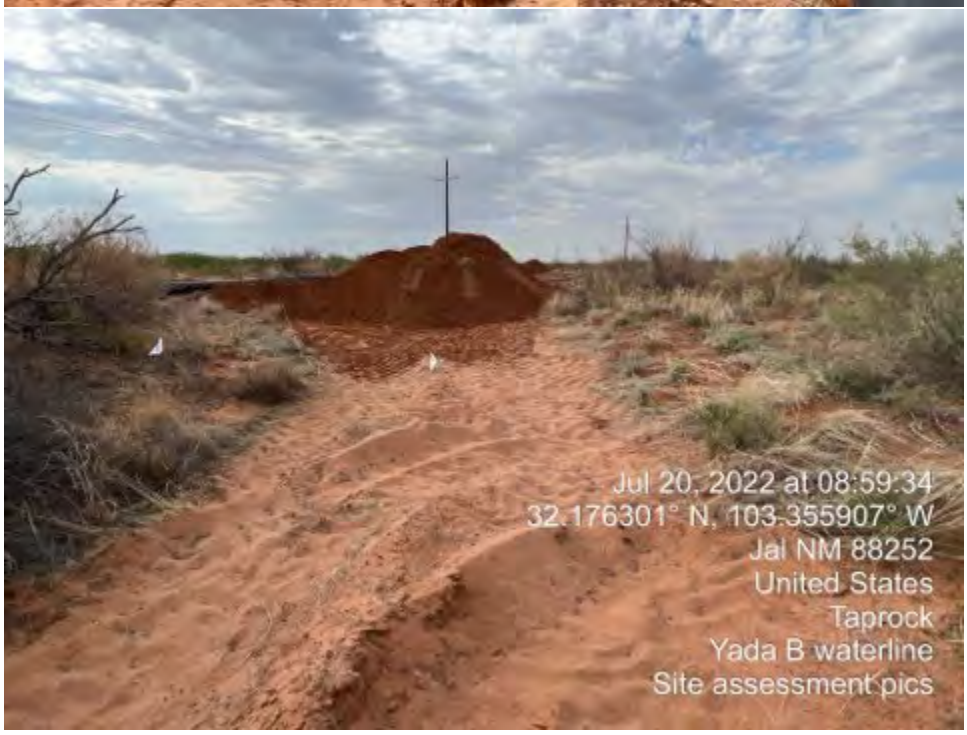

Jul 20, 2022 at 09:15:24
32.173745° N, 103.354835° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 20, 2022 at 09:12:11
32.174720° N, 103.355193° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 20, 2022 at 09:08:55
32.175273° N, 103.355571° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 20, 2022 at 09:06:34
32.175767° N, 103.355682° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 20, 2022 at 09:02:46
32.175962° N, 103.355756° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 20, 2022 at 08:59:34
32.176301° N, 103.355907° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 20, 2022 at 08:55:23
32.176279° N, 103.355980° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics

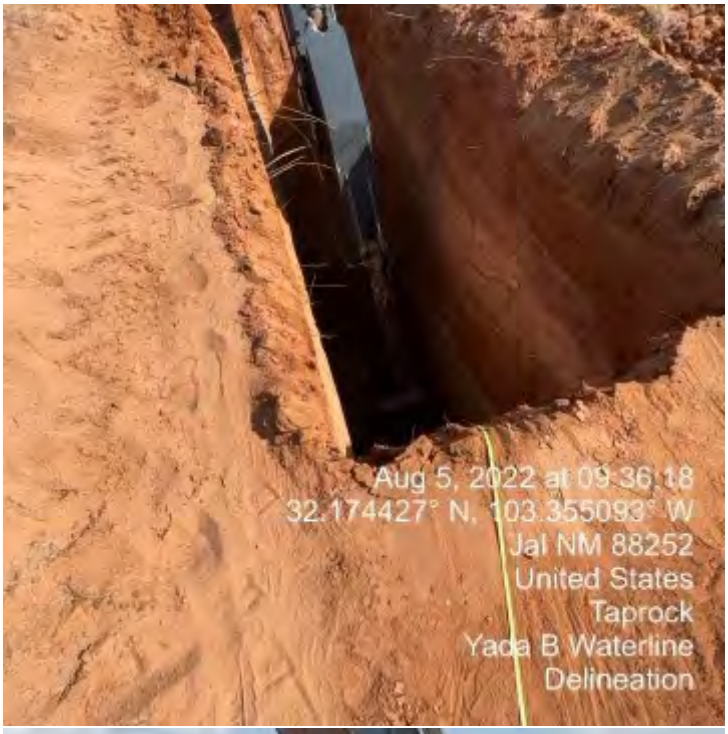

Jul 20, 2022 at 08:50:12
32.176550° N, 103.355706° W
Jal NM 88252
United States
Taprock
Yada B waterline
Site assessment pics


Jul 22, 2022 at 14:05:22
32.176055° N, 103.355564° W
Jal NM 88252
United States
Taprock
Yada B waterline
Surface samples and
haul off


Aug 2, 2022 at 07:26:51
32.176000° N, 103.356046° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


DEERE
Aug 5, 2022 at 11:43:17
32.172043° N, 103.352135° W
Jal NM
United States
Taprock
Yada B Waterline
Delineation


DEERE
Aug 5, 2022 at 09:36:31
32.174427° N, 103.355093° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation

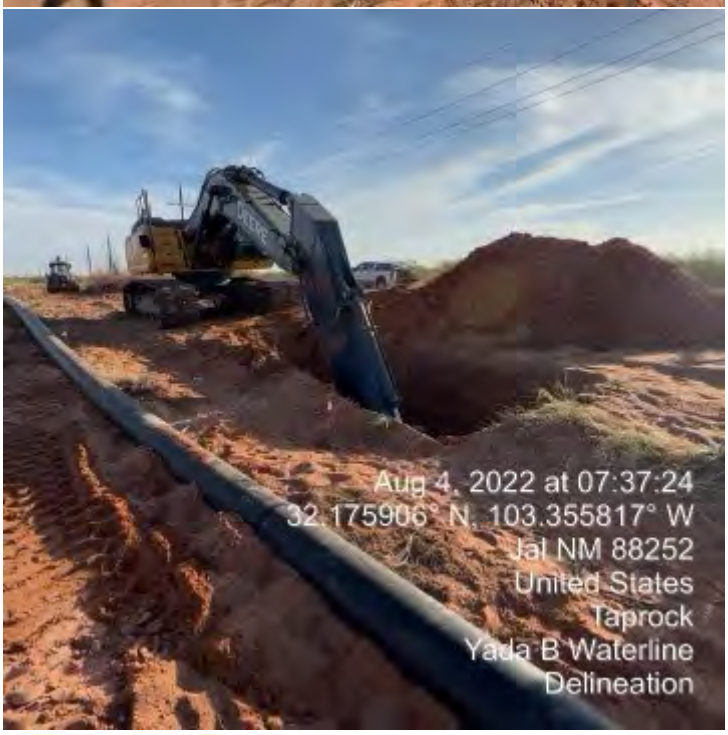

Aug 5, 2022 at 09:36:18
32.174427° N, 103.355093° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation

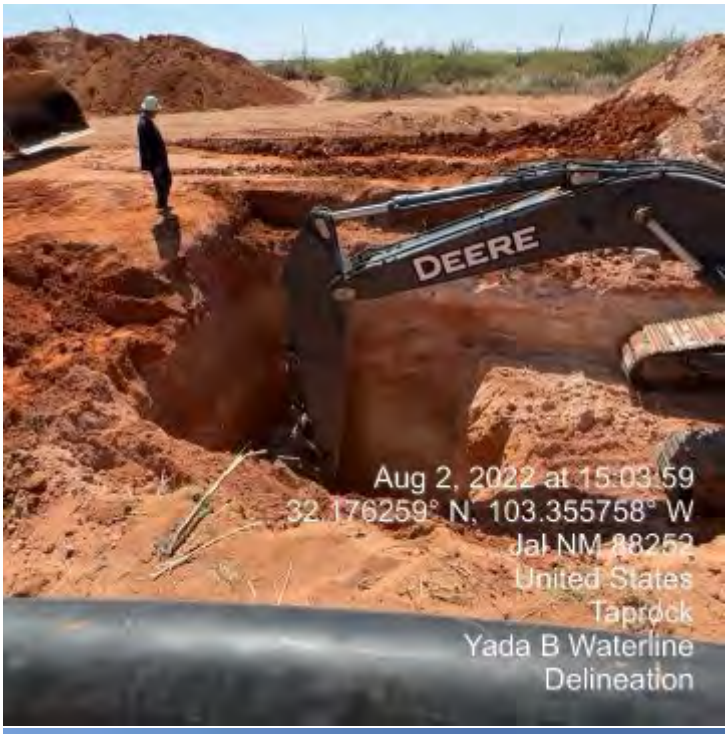

Aug 4, 2022 at 13:42:50
32.174954° N, 103.355439° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 4, 2022 at 09:26:59
32.175703° N, 103.355613° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation

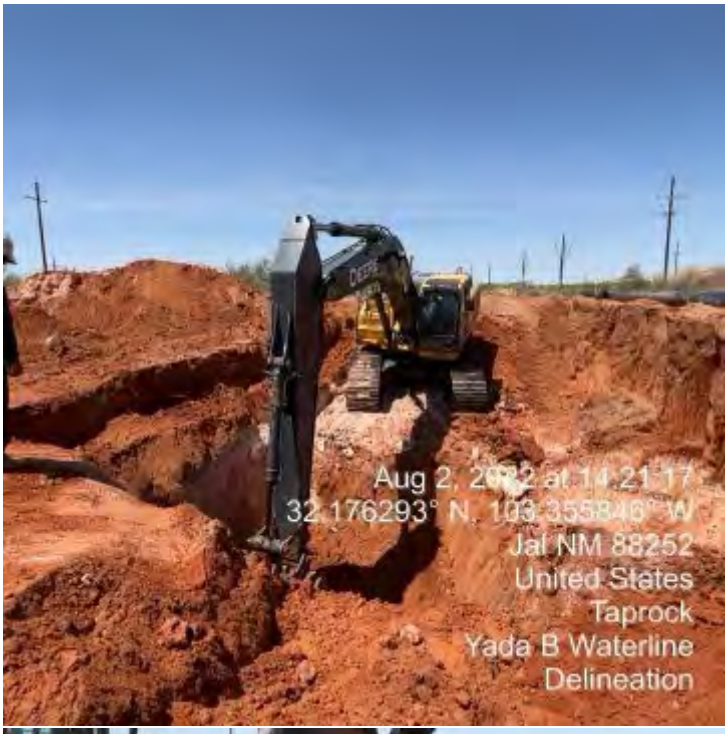

Aug 4, 2022 at 09:20:28
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Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation

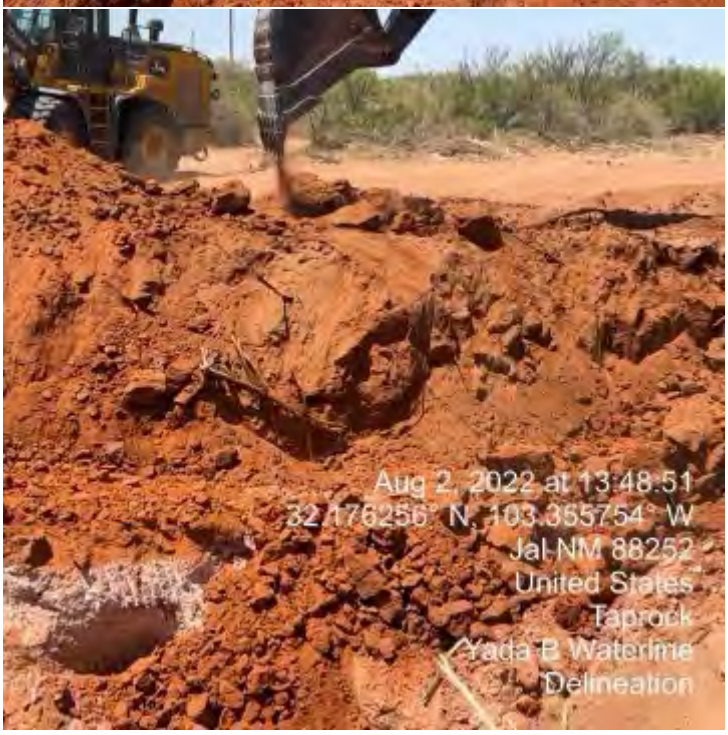

DEERE
Aug 4, 2022 at 09:19:39
32.175766° N, 103.355542° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 4, 2022 at 07:37:24
32.175906° N, 103.355817° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


DEERE
Aug 2, 2022 at 15:03:59
32.176259° N, 103.355758° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


DEERE
Aug 2, 2022 at 15:03:24
32.176259° N, 103.355758° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 2, 2022 at 14:21:17
32.176293° N, 103.355846° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 2, 2022 at 13:48:51
32.176256° N, 103.355754° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 2, 2022 at 13:48:39
32.176256° N, 103.355754° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


DEERE
Aug 2, 2022 at 13:43:12
32.176260° N, 103.355752° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 2, 2022 at 13:24:25
32.175594° N, 103.355498° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 2, 2022 at 10:49:33
32.175595° N, 103.355600° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 2, 2022 at 07:27:35
32.175986° N, 103.355823° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 5, 2022 at 14:15:23
32.173901° N, 103.354933° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 16, 2022 at 09:57:15
32.174651° N, 103.355171° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Delineation .....Capillary Fringe


Delineation


Aug 19, 2022 at 07:45:30


Aug 18, 2022 at 15:44:39
32.175976° N, 103.355708° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 18, 2022 at 14:19:36
32.175892° N, 103.355774° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation


Aug 17, 2022 at 12:18:30
32.175544° N, 103.355547° W
Jal NM 88252
United States
Taprock
Yada B Waterline
Delineation

Company Name: TAPROCK **Location Name:** YADA B WATERLINE **Release Date:** 7/18/2022

****ALL SURFACE SAMPLES WERE OBTAINED FROM THE SCRAP AREA NGL DID 1 TO 2'BGS****

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURF	1120	HIGH	ND	ND	2930	1680	4610	718	SAND	
SP2	SURF	>4000	HIGH	ND	ND	487	280	767	1110	SAND	
SP3	SURF	240	HIGH	ND	ND	389	273	662	97.6	SAND	
SP4	SURF	4000	HIGH	ND	ND	4960	2240	7200	3790	SAND	
SP5	SURF	400	HIGH	ND	ND	2930	ND	2930	390	SAND	
SP6	SURF	1760	ND	ND	ND	ND	ND	ND	1490	SAND	
SP7	SURF	240	HIGH	ND	ND	8830	ND	8830	334	SAND	
SP8	SURF	1200	LOW	ND	ND	33.1	ND	33.1	1010	SAND	
SP9	SURF	>4000	ND	ND	ND	ND	ND	ND	4670	SAND	
SP10	SURF	4000	HIGH	ND	ND	3100	ND	3100	3750	SAND	
SP11	SURF	>4000	HIGH	0.207	ND	13500	5770	19270	4280	SAND	
SP12	SURF	>4000	LOW	0.0401	ND	49.6	ND	49.6	10300	SAND	
SP13	SURF	2640	LOW	ND	ND	50	ND	50	2700	SAND	
SP14	SURF	>4000	ND	ND	ND	ND	ND	ND	5500	SAND	
SP15	SURF	>4000	ND	ND	ND	ND	ND	ND	13400	SAND	
SP16	SURF	320	ND	ND	ND	ND	ND	ND	422	SAND	
SP17	SURF	3600	ND	ND	ND	ND	ND	ND	3520	SAND	
SP18	SURF	240	ND	ND	ND	ND	ND	ND	298	SAND	
SP19	SURF	>4000	ND	ND	ND	ND	ND	ND	11500	SAND	
SP20	SURF	>4000	ND	ND	ND	ND	ND	ND	4370	SAND	
SP21	SURF	>4000	ND	ND	ND	ND	ND	ND	5490	SAND	
SP22	SURF	80	ND	ND	ND	ND	ND	ND	88.7	SAND	
SP23	SURF	>4000	HIGH	ND	ND	729	710	1439	4820	SAND	
SP24	SURF	80	ND	ND	ND	ND	ND	ND	40.5	SAND	
SP25	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SP26	SURF	200	ND	ND	ND	ND	ND	ND	145	SAND	
SP27	SURF	1120	HIGH	ND	ND	89.5	72.3	161.8	1310	SAND	
SP28	SURF	560	ND	ND	ND	ND	ND	ND	582	SAND	
SP29	SURF	240	ND	ND	ND	ND	ND	ND	262	SAND	
SP30	SURF	40	ND	ND	ND	ND	ND	ND	20.8	SAND	

****ALL SIDEWALL SAMPLES WERE TAKEN AT WALL OF NGL EXCAVATION**

SW1	SURF	320	ND	ND	ND	ND	ND	ND	151	SAND	
SW1A	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW2	SURF	1680	HIGH	ND	ND	1770	1220	2990	2010	SAND	
SW3	SURF	ND	HIGH	ND	ND	77.7	ND	77.7	ND	SAND	
SW4	SURF	2480	ND	ND	ND	ND	ND	ND	2290	SAND	
SW5	SURF	40	ND	ND	ND	ND	ND	ND	ND	SAND	
SW6	SURF	240	ND	ND	ND	ND	ND	ND	ND	SAND	
SW7	SURF	2240	ND	ND	ND	ND	ND	ND	2080	SAND	
SW8	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW9	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW10	SURF	80	ND	ND	ND	ND	ND	ND	32.3	SAND	
SW11	SURF	3040	HIGH	ND	ND	400	197	597	3220	SAND	
SW12	SURF	>4000	ND	ND	ND	ND	ND	ND	7640	SAND	
SW13	SURF	>4000	ND	ND	ND	ND	ND	ND	6770	SAND	
SW14	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW15	SURF	240	ND	ND	ND	ND	ND	ND	290	SAND	
SW16	SURF	80	ND	ND	ND	ND	ND	ND	56.3	SAND	
SW17	SURF	480	ND	ND	ND	ND	ND	ND	451	SAND	
SW18	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW19	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW20	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW21	SURF	480	ND	ND	ND	ND	ND	ND	498	SAND	
SW22	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW23	SURF	80	ND	ND	ND	ND	ND	ND	ND	SAND	
SW24	SURF	140	ND	ND	ND	ND	ND	ND	150	SAND	

Company Name: TAP ROCK **Location Name:** YADA B WATERLINE **Release Date:** 7/17/2022

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURF	800	H	ND	ND	2930	1680	4610	718	SAND	
	1	3200	H							SAND	
	2	>4000	H							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	240	L							SAND	
	6	160	L	ND	ND	ND	ND	ND	ND	SAND	
SP1A	SURF	40	L	ND	ND	ND	ND	ND	ND	SAND	
	1	80	L							SAND	
	2	240	L							SAND	
	3	80	L							SAND	
	4	80	L							SAND	
	5	80	L							SAND	
	6	80	L	ND	ND	ND	ND	ND	ND	SAND	
SP2	SURF	1200	H	ND	ND	487	280	767	1110	SAND	
	1	2240	H							SAND	
	2	>4000	H							SAND	
	3	560	L							SAND	
	4	320	L	ND	ND	ND	ND	ND	175	SAND	
SP3	SURF	240	H	ND	ND	389	273	662	97.6	SAND	
	1	80	H							SAND	
	2	80	H							SAND	
	3	80	L							SAND	
	4	80	L	ND	ND	ND	ND	ND	ND	SAND	
SP4	SURF	>4000	H	ND	ND	4960	2240	7200	3790	SAND	
	1	>4000	H							SAND	
	2	>4000	H							SAND	

	3	3200	H							SAND	
	4	1440	H							SAND	
	5	240	H							SAND	
	6	80	L							SAND	
	7	80	L							SAND	
	8	240	L							SAND	
	9	80	L							SAND	
	10	160	L							SAND	
	11	80	L							SAND	
	12	80	L	ND	ND	ND	ND	ND	109	SAND	
SP5	SURF	440	H	ND	ND	2930	ND	2930	390	SAND	
	1	3840	H							SAND	
	2	>4000	H							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	7070	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	10700	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	7230	SAND	
	16	3000	L	ND	ND	ND	ND	ND	2710	SAND	
	18	>4000	L							SAND	
	20	40	L	ND	ND	ND	ND	ND	41.4	SAND	
	22	>4000	L							SAND	
	24	>4000	L							SAND	
	25	>4000	L	ND	ND	ND	ND	ND	5580	SAND	
	30	>4000	L							SAND	

	35	>4000	L	ND	ND	ND	ND	ND	4880	SAND	
	40	>4000	L							SAND	
	45	1540	L	ND	ND	ND	ND	ND	1460	SAND	
	50	1320	L							SAND	
	55	1000	L	ND	ND	ND	ND	ND	914	SAND	
	60	1200	L							SAND	
	65	1300	L	ND	ND	ND	ND	ND	1360	SAND	
	75	420	L							SAND	
	80	200	L	ND	ND	ND	ND	ND	145	SAND	
SP6	SURF	1360	H	ND	ND	ND	ND	ND	1490	SAND	
	1	1520	H							SAND	
	2	>4000	H							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	7870	SAND	
	6	320	L							SAND	
	7	80	L	ND	ND	ND	ND	ND	70.9	SAND	
SP7	SURF	320	H	ND	ND	8830	ND	8830	334	SAND	
	1	>4000	H							SAND	
	2	1320	L							SAND	
	3	1680	L							SAND	
	4	3200	L							SAND	
	5	880	L							SAND	
	6	480	L							SAND	
	7	80	L	ND	ND	ND	ND	ND	164	SAND	
SP8	SURF	960	L	ND	ND	33.1	ND	33.1	1010	SAND	
	1	80	L							SAND	
	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
SP9	SURF	>4000	L	ND	ND	ND	ND	ND	4670	SAND	
	1	>4000	L							SAND	

	2	>4000	L							SAND	
	3	2400	L							SAND	
	4	480	L							SAND	
	5	320	L	ND	ND	ND	ND	ND	316	SAND	
	6	880	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	15300	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	7560	SAND	
	16	>4000	L							SAND	
	17	>4000	L							SAND	
	18	>4000	L							SAND	
	19	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	17100	SAND	
	22	>4000	L							SAND	
	24	>4000	L							SAND	
	25	>4000	L	ND	ND	ND	ND	ND	4280	SAND	
	26	>4000	L							SAND	
	28	>4000	L	ND	ND	ND	ND	ND	1720	SAND	
	30	>4000	L	ND	ND	ND	ND	ND	4500	SAND	
	35	400	L							SAND	
	40	820	L	ND	ND	ND	ND	ND	861	SAND	
	45	880	L							SAND	
	50	320	L	ND	ND	ND	ND	ND	322	SAND	
	55	260	L	ND	ND	ND	ND	ND	262	SAND	
	55	240	L	ND	ND	ND	ND	ND	287	SAND	
SP10	SURF	3600	H	ND	ND	3100	ND	3100	3750	SAND	
	1	>4000	H							SAND	

	2	>4000	H							SAND	
	3	>4000	H							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	9210	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	10900	SAND	
	11	2480	L							SAND	
	12	2960	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	3640	L	ND	ND	ND	ND	ND	3750	SAND	
	16	>4000	L							SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	19600	SAND	
	22	>4000	L							SAND	
	24	>4000	L							SAND	
	25	>4000	L	ND	ND	ND	ND	ND	5720	SAND	
	30	560	L							SAND	
	35	920	L	ND	ND	ND	ND	ND	895	SAND	
	40	720	L							SAND	
	45	340	L	ND	ND	ND	ND	ND	306	SAND	
	50	320	L	ND	ND	ND	ND	ND	322	SAND	

SP11	SURF	>4000	H	0.207	ND	13500	5770	19270	4280	SAND	
	1	>4000	H							SAND	
	2	>4000	L							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	8110	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	

	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	8940	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	7980	SAND	
	16	>4000	L							SAND	
	17	>4000	L							SAND	
	18	>4000	L							SAND	
	20	100	L	ND	ND	ND	ND	ND	83.2	SAND	
	22	>4000	L							SAND	
	25	<4000	L	ND	ND	ND	ND	ND	6820	SAND	
	30	<4000	L							SAND	
	35	1800	L	ND	ND	ND	ND	ND	1790	SAND	
	40	1040	L							SAND	
	45	560	L	ND	ND	ND	ND	ND	542	SAND	
	50	540	L	ND	ND	ND	ND	ND	541	SAND	
SP12	SURF	>4000	H	0.0401	ND	49.6	ND	49.6	10300	SAND	
	1	>4000	H							SAND	
	2	>4000	H							SAND	
	3	>4000	H							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	5960	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	60	L	ND	ND	ND	ND	ND	48.3	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	

	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	10900	SAND	
	16	>4000	L							SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	8610	SAND	
	25	1000	L	ND	ND	ND	ND	ND	965	SAND	
	30	>4000	L							SAND	
	35	4000	L	ND	ND	ND	ND	ND	3960	SAND	
	40	>4000	L							SAND	
	45	>4000	L	ND	ND	ND	ND	ND	6390	SAND	
	50	>4000	L							SAND	
	55	>4000	L	ND	ND	ND	ND	ND	4270	SAND	
	60	1440	L							SAND	
	65	560	L	ND	ND	ND	ND	ND	631	SAND	
	70	1120	L							SAND	
	75	1280	L	ND	ND	ND	ND	ND	1310	SAND	
	80	240	L							SAND	
	85	100	L	ND	ND	ND	ND	ND	88.7	SAND	
SP13	SURF	2640	L	ND	ND	50	ND	50	2700	SAND	
	1	>4000	H							SAND	
	2	>4000	H							SAND	
	3	3440	L							SAND	
	4	>4000	L							SAND	
	5	600	L	ND	ND	ND	ND	ND	534	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	8520	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	

	15	80	L	ND	ND	ND	ND	ND	ND	SAND	
	16	>4000	L							SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	13300	SAND	
	22	>4000	L							SAND	
	24	>4000	L							SAND	
	26	>4000	L	ND	ND	ND	ND	ND	13700	SAND	
	30	>4000	L	ND	ND	ND	ND	ND	4160	SAND	
	35	>4000	L	ND	ND	ND	ND	ND	4170	SAND	
	40	1280	L	ND	ND	ND	ND	ND	1180	SAND	
	45	400	L							SAND	
	50	200	L	ND	ND	ND	ND	ND	136	SAND	
SP14	SURF	>4000	L	ND	ND	ND	ND	ND	5500	SAND	
	1	>4000	H							SAND	
	2	3840	H							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	80	L	ND	ND	ND	ND	ND	68.9	SAND	
	6	2800	L							SAND	
	7	>4000	L							SAND	
	8	3820	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	7470	SAND	
	11	>4000	L							SAND	
	12	3600	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	60	L	ND	ND	ND	ND	ND	35.8	SAND	
	16	>4000	L							SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	12600	SAND	
	22	>4000	L							SAND	
	24	3000	L							SAND	

	25	2400	L	ND	ND	ND	ND	ND	2280	SAND	
	30	>4000	L							SAND	
	35	3240	L	ND	ND	ND	ND	ND	2960	SAND	
	40	3000	L							SAND	
	45	2480	L	ND	ND	ND	ND	ND	2340	SAND	
	50	1600	L							SAND	
	55	1080	L	ND	ND	ND	ND	ND	954	SAND	
	60	880	L							SAND	
	65	280	L	ND	ND	ND	ND	ND	276	SAND	
	70	560	L							SAND	
	75	400	L	ND	ND	ND	ND	ND	379	SAND	
	80	100	L	ND	ND	ND	ND	ND	77.3	SAND	
SP15	SURF	>4000	H	ND	ND	ND	ND	ND	13400	SAND	
	1	>4000	H							SAND	
	2	>4000	H							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	14300	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	8400	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	3260	L							SAND	
	15	40	L	ND	ND	ND	ND	ND	27.4	SAND	
	16	2600	L							SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	11300	SAND	
	25	400	L	ND	ND	ND	ND	ND	323	SAND	
	30	640	L							SAND	

	35	260	L	ND	ND	ND	ND	ND	235	SAND	
	40	100	L	ND	ND	ND	ND	ND	217	SAND	
SP16	SURF	400	L	ND	ND	ND	ND	ND	422	SAND	
	1	>4000	L							SAND	
	2	>4000	L							SAND	
	3	>4000	L							SAND	
	4	2200	L							SAND	
	5	200	L	ND	ND	ND	ND	ND	148	SAND	
	6	3800	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	6970	SAND	
	11	>4000	L							SAND	
	12	2400	L							SAND	
	13	1040	L							SAND	
	14	1520	L							SAND	
	15	80	L	ND	ND	ND	ND	ND	65.6	SAND	
	16	1600	L							SAND	
	17	1480	L							SAND	
	18	1580	L							SAND	
	19	40	L	ND	ND	ND	ND	ND	ND	SAND	
	25	3200	L	ND	ND	ND	ND	ND	2950	SAND	
	30	>4000	L							SAND	
	35	1400	L	ND	ND	ND	ND	ND	1330	SAND	
	40	880	L							SAND	
	45	800	L	ND	ND	ND	ND	ND	851	SAND	
	50	640	L							SAND	
	55	700	L	ND	ND	ND	ND	ND	737	SAND	
	60	480	L							SAND	
	65	400	L	ND	ND	ND	ND	ND	346	SAND	
SP17	SURF	3400	L	ND	ND	ND	ND	ND	3520	SAND	
	1	>4000	L							SAND	

	2	>4000	L							SAND	
	3	>4000	L							SAND	
	4	2200	L							SAND	
	5	1640	L	ND	ND	ND	ND	ND	1580	SAND	
	6	3620	L							SAND	
	7	3800	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	11000	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	4000	SAND	
	16	1200	L							SAND	
	20	640	L	ND	ND	ND	ND	ND	683	SAND	
	25	3600	L							SAND	
	30	>4000	L	ND	ND	ND	ND	ND	5530	SAND	
	35	3440	L							SAND	
	40	960	L	ND	ND	ND	ND	ND	1150	SAND	
	45	1120	L							SAND	
	50	800	L	ND	ND	ND	ND	ND	995	SAND	
	55	1120	L							SAND	
	60	20	L	ND	ND	ND	ND	ND	ND	SAND	
	65	560	L							SAND	
	70	100	L	ND	ND	ND	ND	ND	91.1	SAND	
SP18	SURF	340	L	ND	ND	ND	ND	ND	298	SAND	
	1	>4000	L							SAND	
	2	>4000	L							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	5100	SAND	
	6	>4000	L							SAND	

	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	8170	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	
	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	9490	SAND	
	16	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	5720	SAND	
	25	>4000	L							SAND	
	30	1240	L	ND	ND	ND	ND	ND	1130	SAND	
	35	>4000	L							SAND	
	40	900	L	ND	ND	ND	ND	ND	849	SAND	
	45	880	L							SAND	
	50	700	L	ND	ND	ND	ND	ND	669	SAND	
	55	640	L							SAND	
	60	640	L	ND	ND	ND	ND	ND	628	SAND	
	65	580	L	ND	ND	ND	ND	ND	565	SAND	

SP19	SURF	>4000	L	ND	ND	ND	ND	ND	11500	SAND	
	1	>4000	L							SAND	
	2	>4000	L							SAND	
	3	>4000	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	16200	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	7310	SAND	
	11	>4000	L							SAND	
	12	>4000	L							SAND	

	13	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	14400	SAND	
	16	>4000	L							SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	16200	SAND	
	25	>4000	L	ND	ND	ND	ND	ND	4160	SAND	
	30	1080	L	ND	ND	ND	ND	ND	994	SAND	
	35	420	L	ND	ND	ND	ND	ND	385	SAND	
	40	400	L	ND	ND	ND	ND	ND	344	SAND	
SP20	SURF	>4000	L	ND	ND	ND	ND	ND	4370	SAND	
	1	>4000	L							SAND	
	2	>4000	L							SAND	
	3	3680	L							SAND	
	4	>4000	L							SAND	
	5	>4000	L	ND	ND	ND	ND	ND	16700	SAND	
	6	>4000	L							SAND	
	7	>4000	L							SAND	
	8	>4000	L							SAND	
	9	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	13600	SAND	
	12	>4000	L							SAND	
	14	>4000	L							SAND	
	15	>4000	L	ND	ND	ND	ND	ND	12100	SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	8520	SAND	
	22	>4000	L							SAND	
	25	3880	L	ND	ND	ND	ND	ND	3750	SAND	
	30	3460	L	ND	ND	ND	ND	ND	3500	SAND	
	35	1200	L	ND	ND	ND	ND	ND	1290	SAND	
	40	640	L	ND	ND	ND	ND	ND	606	SAND	
	45	400	L	ND	ND	ND	ND	ND	145	SAND	
	50	400	L	ND	ND	ND	ND	ND	368	SAND	

SP21	SURF	>4000	L	ND	ND	ND	ND	ND	5490	SAND	
	2	>4000	L							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	15800	SAND	
	8	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	10500	SAND	
	12	>4000	L							SAND	
	14	>4000	L							SAND	
	16	>4000	L	ND	ND	ND	ND	ND	12700	SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	9330	SAND	
	25	400	L	ND	ND	ND	ND	ND	310	SAND	
	30	>4000	L	ND	ND	ND	ND	ND	7500	SAND	
	35	200	L	ND	ND	ND	ND	ND	138	SAND	
	40	400	L	ND	ND	ND	ND	ND	390	SAND	
	45	>4000	L	ND	ND	ND	ND	ND	6280	SAND	
	50	1000	L	ND	ND	ND	ND	ND	936	SAND	
	55	620	L	ND	ND	ND	ND	ND	663	SAND	
	60	1200	L	ND	ND	ND	ND	ND	1270	SAND	
	65	2000	L	ND	ND	ND	ND	ND	2280	SAND	
	70	1840	L	ND	ND	ND	ND	ND	1920	SAND	
	75	800	L	ND	ND	ND	ND	ND	787	SAND	
	80	980	L	ND	ND	ND	ND	ND	1010	SAND	
	85	620	L	ND	ND	ND	ND	ND	650	SAND	
	90	560	L	ND	ND	ND	ND	ND	58.9	SAND	
	95	400	L	ND	ND	ND	ND	ND	363	SAND	
SP22	SURF	80	L	ND	ND	ND	ND	ND	88.7	SAND	
	2	>4000	L							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	18400	SAND	
	8	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	9410	SAND	

	12	>4000	L							SAND	
	14	>4000	L							SAND	
	16	>4000	L	ND	ND	ND	ND	ND	13200	SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	9080	SAND	
	25	>4000	L	ND	ND	ND	ND	ND	5240	SAND	
	30	>4000	L	ND	ND	ND	ND	ND	4860	SAND	
	35	3800	L	ND	ND	ND	ND	ND	3510	SAND	
	40	2000	L	ND	ND	ND	ND	ND	1760	SAND	
	45	4000	L	ND	ND	ND	ND	ND	3750	SAND	
	50	120	L	ND	ND	ND	ND	ND	101	SAND	
	55	720	L	ND	ND	ND	ND	ND	768	SAND	
	60	400	L	ND	ND	ND	ND	ND	410	SAND	
	65	320	L	ND	ND	ND	ND	ND	344	SAND	
SP23	SURF	>4000	H	ND	ND	729	710	1439	4820	SAND	
	2	>4000	H							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	8110	SAND	
	8	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	10900	SAND	
	12	>4000	L							SAND	
	14	>4000	L							SAND	
	16	1400	L	ND	ND	ND	ND	ND	1230	SAND	
	18	820	L							SAND	
	20	1200	L	ND	ND	ND	ND	ND	1180	SAND	
	25	500	L	ND	ND	ND	ND	ND	471	SAND	
	30	2640	L							SAND	
	35	880	L	ND	ND	ND	ND	ND	1090	SAND	
	40	1840	L							SAND	
	45	1200	L	ND	ND	ND	ND	ND	1280	SAND	
	50	320	L							SAND	
	55	80	L	ND	ND	ND	ND	ND	91.3	SAND	

SP24	SURF	80	L	ND	ND	ND	ND	ND	40.5	SAND	
	2	>4000	L							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	21500	SAND	
	8	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	8280	SAND	
	12	>4000	L							SAND	
	14	>4000	L							SAND	
	16	>4000	L	ND	ND	ND	ND	ND	10800	SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	19700	SAND	
	25	800	L	ND	ND	ND	ND	ND	876	SAND	
	30	560	L							SAND	
	35	320	L	ND	ND	ND	ND	ND	328	SAND	
SP25	SURF	80	L	ND	ND	ND	ND	ND	ND	SAND	
	2	>4000	L							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	14900	SAND	
	8	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	8860	SAND	
	12	>4000	L							SAND	
	14	>4000	L							SAND	
	16	>4000	L	ND	ND	ND	ND	ND	12500	SAND	
	18	>4000	L							SAND	
	20	>4000	L	ND	ND	ND	ND	ND	14600	SAND	
	22	>4000	L							SAND	
	25	>4000	L	ND	ND	ND	ND	ND	16100	SAND	
	30	1440	L							SAND	
	35	>4000	L	ND	ND	ND	ND	ND	7900	SAND	
	38	480								SAND	HAD TO CHANGE OUT BIT
	40	320	L	ND	ND	ND	ND	ND	249	SAND	
SP26	SURF	200	L	ND	ND	ND	ND	ND	145	SAND	

	2	>4000	L							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	5230	SAND	
	8	>4000	L							SAND	
	10	>4000	L	ND	ND	ND	ND	ND	11700	SAND	
	12	>4000	L							SAND	
	14	>4000	L							SAND	
	16	>4000	L	ND	ND	ND	ND	ND	5360	SAND	
	18	>4000	L							SAND	
	20	550	L	ND	ND	ND	ND	ND	480	SAND	
	25	320	L	ND	ND	ND	ND	ND	261	SAND	
SP27	SURF	1120	H	ND	ND	89.5	72.3	161.8	1310	SAND	
	2	>4000	L							SAND	
	4	>4000	L							SAND	
	6	>4000	L	ND	ND	ND	ND	ND	17500	SAND	
	8	720	L							SAND	
	10	840	L	ND	ND	ND	ND	ND	829	SAND	
	12	240	L							SAND	
	14	1280	L							SAND	
	16	100	L	ND	ND	ND	ND	ND	81.8	SAND	
	18	840	L							SAND	
	20	200	L	ND	ND	ND	ND	ND	173	SAND	
	25	400	L	ND	ND	ND	ND	ND	478	SAND	
	30	380	L	ND	ND	ND	ND	ND	323	SAND	
SP28	SURF	560	L	ND	ND	ND	ND	ND	582	SAND	
	2	1280	L							SAND	
	4	720	L							SAND	
	6	160	L	ND	ND	ND	ND	ND	ND	SAND	
	8	80	L	ND	ND	ND	ND	ND	ND	SAND	
SP29	SURF	240	L	ND	ND	ND	ND	ND	262	SAND	
	1	3680	L							SAND	

	2	4000	L							SAND	
	4	160	L							SAND	
	6	80	L	ND	ND	ND	ND	ND	ND	SAND	
SP30	SURF	60	L	ND	ND	ND	ND	ND	20.8	SAND	
	1	120	L							SAND	
	2	320	L							SAND	
	4	200	L	ND	ND	ND	ND	ND	162	SAND	
SW1	SURF	200	H	ND	ND	ND	ND	ND	151	SAND	
	1	3040	H							SAND	
	2	640	H							SAND	
	3	3120	H							SAND	
	4	1600	H							SAND	
	5	>4000	H							SAND	
	6	3040	H							SAND	
	7	1480	H							SAND	
	8	980	H							SAND	
	9	520	H							SAND	
	10	20	H	ND	ND	ND	ND	ND	ND	SAND	
SW1A	SURF	80	L	ND	ND	ND	ND	ND	ND	SAND	
	1	80	L							SAND	
	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
SW2	SURF	1880	H	ND	ND	1770	1220	2990	2010	SAND	
	1	>4000	H							SAND	
	2	2400	H							SAND	
	3	1920	H							SAND	
	4	80	L							SAND	
	5	80	L	ND	ND	ND	ND	ND	ND	SAND	
SW3	SURF	40	L	ND	ND	77.7	ND	77.7	ND	SAND	
	1	160	L							SAND	

	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
SW4	SURF	2480	L	ND	ND	ND	ND	ND	2290	SAND	
	1	480	L							SAND	
	2	60	L	ND	ND	ND	ND	ND	48.9	SAND	
SW5	SURF	40	L	ND	ND	ND	ND	ND	ND	SAND	
	1	80	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW6	SURF	40	L	ND	ND	ND	ND	ND	ND	SAND	
	1	160	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW7	SURF	2000	L	ND	ND	ND	ND	ND	2080	SAND	
	1	80	L							SAND	
	2	40	L	ND	ND	ND	ND	ND	ND	SAND	
SW8	SURF	40	L	ND	ND	ND	ND	ND	ND	SAND	
	1	80	L							SAND	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
SW9	SURF	20	L	ND	ND	ND	ND	ND	ND	SAND	
	1	80	L							SAND	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
SW10	SURF	40	L	ND	ND	ND	ND	ND	32.3	SAND	
	1	80	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW11	SURF	3040	L	ND	ND	400	197	597	3220	SAND	
	1	400	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	

SW12	SURF	>4000	H	ND	ND	ND	ND	ND	7640	SAND	
	1	2880	H							SAND	
	2	880	H							SAND	
	3	640	H							SAND	
	4	160	L							SAND	
	5	40	L	ND	ND	ND	ND	ND	30.4	SAND	
SW13	SURF	>4000	L	ND	ND	ND	ND	ND	6770	SAND	
	1	80	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	22.8	SAND	
SW14	SURF	40	L	ND	ND	ND	ND	ND	ND	SAND	
	1	60	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW15	SURF	300	H	ND	ND	ND	ND	ND	290	SAND	
	1	640	L							SAND	
	2	160	L							SAND	
	3	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW16	SURF	60	L	ND	ND	ND	ND	ND	56.3	SAND	
	1	60	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW17	SURF	480	L	ND	ND	ND	ND	ND	451	SAND	
	1	80	L							SAND	
	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
SW18	SURF	40	L	ND	ND	ND	ND	ND	ND	SAND	
	1	40	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW19	SURF	20	L	ND	ND	ND	ND	ND	ND	SAND	
	1	60	L							SAND	

	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
SW20	SURF	20	L	ND	ND	ND	ND	ND	ND	SAND	
	1	40	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW21	SURF	480	L	ND	ND	ND	ND	ND	498	SAND	
	1	80	L							SAND	
	2	ND	L	ND	ND	ND	ND	ND	ND	SAND	
SW22	SURF	80	L	ND	ND	ND	ND	ND	ND	SAND	
	1	40	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	
SW23	SURF	80	L	ND	ND	ND	ND	ND	ND	SAND	
	1	80	L							SAND	
	2	80	L	ND	ND	ND	ND	ND	ND	SAND	
SW24	SURF	160	L	ND	ND	ND	ND	ND	150	SAND	
	1	80	L							SAND	
	2	20	L	ND	ND	ND	ND	ND	ND	SAND	

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TAPROCK

YADA B WATERLINE
DELINEATION MAP PART 1



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Received by OCD: 10/12/2022 10:22:49 AM

TAPROCK

YADA B WATERLINE
DELINEATION MAP PART 2

Legend

- HORIZONTAL SAMPLE POINT
- TAPROCK YADA B WATER LINE LEAK
- VERTICAL SAMPLE POINTS
- YADA B WATERLINE POR



Released to Imaging: 11/4/2022 9:42:50 AM

Received by OCD: 10/12/2022 10:22:49 AM

TAPROCK

YADA B WATERLINE
DELINEATION MAP PART 3

Legend

- HORIZONTAL SAMPLE POINT
- TAPROCK YADA B WATER LINE LEAK
- VERTICAL SAMPLE POINTS
- YADA B WATERLINE POR

SW16
SP21
SW17
SP22
SP23
SW18
SP24
SP25
SW20
SW19
SP26
SW21
SP27
SP28
SW23
SW22
SP29
SP30
SW24

N

200 ft

Released to Imaging: 11/4/2022 9:42:50 AM

Desert Sand Water Well Services, LLC.

Soil Bore Report

General / Well Info			
Customer: ESS		Phone: 575-746-9547	Date: 8/19/22
Well Name: YADA B Waterline		Location: 32.176692, -103.355776	

LOG OF WELL

DEPTH FROM	DEPTH TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER BEARING CAVITIES OR FRACTURES
0	28	28	Red Sand
28	48	20	Caleche / Red Sand
48	68	20	Red Sand
68	98	30	Tan Sand
98	120	22	Tan Sand
			Bore hole was left open for 72 hours and was dry. Bore hole was plugged back to surface the same day.

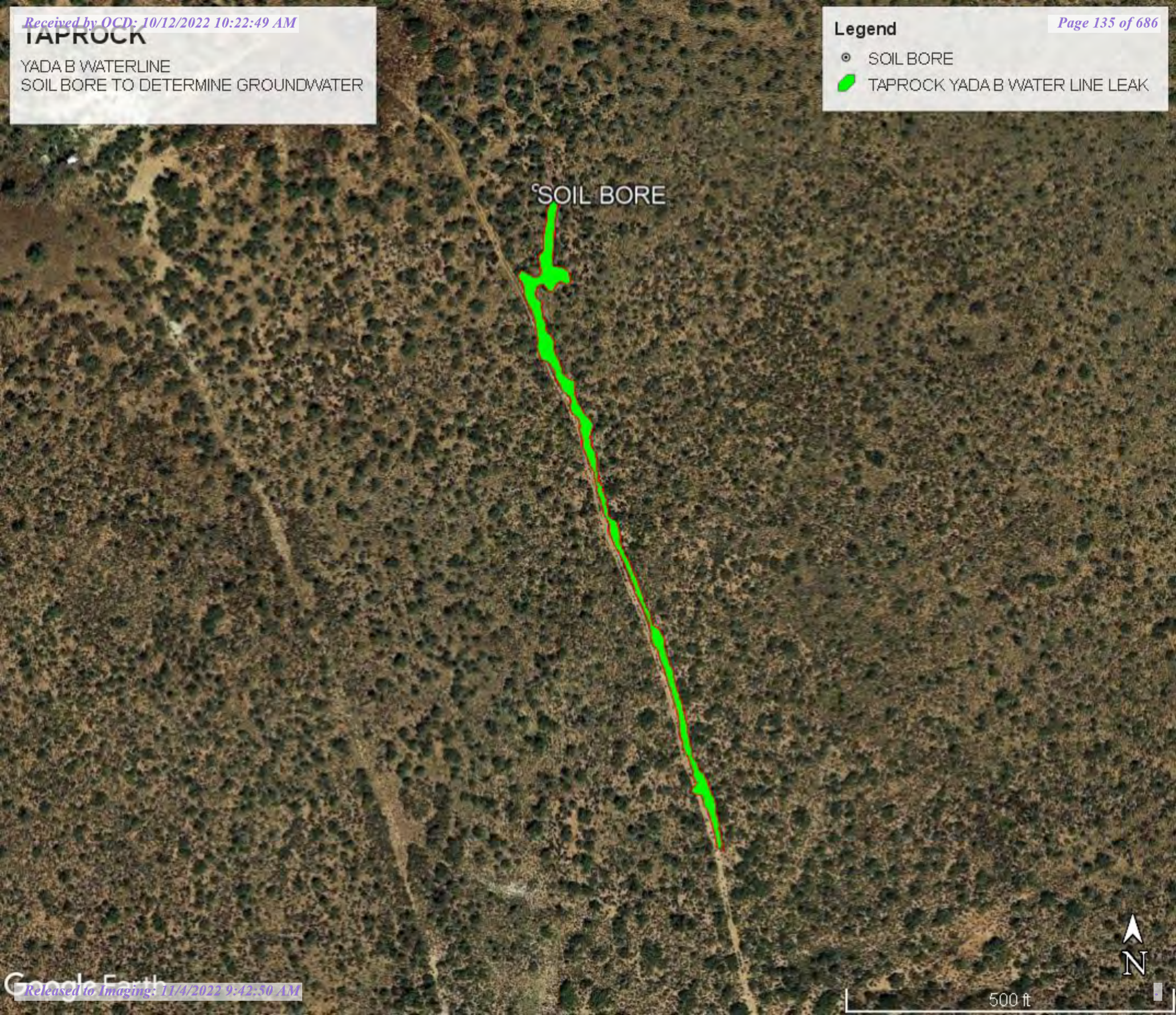
Received by OCD: 10/12/2022 10:22:49 AM

TAPROCK

YADA B WATERLINE
SOIL BORE TO DETERMINE GROUNDWATER

Legend

- SOIL BORE
- TAPROCK YADA B WATER LINE LEAK



Released to Imaging: 11/4/2022 9:42:50 AM

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E207154
Job Number:	20046-0001
Received:	7/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

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

Date Reported: 7/26/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E207154
Date Received: 7/25/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2022 10:15:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/26/22 17:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - Surf	E207154-01A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP2 - Surf	E207154-02A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP3 - Surf	E207154-03A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP4 - Surf	E207154-04A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP5 - Surf	E207154-05A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP6 - Surf	E207154-06A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP7 - Surf	E207154-07A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP8 - Surf	E207154-08A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP9 - Surf	E207154-09A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.
SP10 - Surf	E207154-10A	Soil	07/20/22	07/25/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP1 - Surf

E207154-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene		*95.7 %*	*70-130*	*07/25/22*	*07/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*07/25/22*	*07/26/22*	
Surrogate: Toluene-d8		*92.0 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: Bromofluorobenzene		*95.7 %*	*70-130*	*07/25/22*	*07/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*07/25/22*	*07/26/22*	
Surrogate: Toluene-d8		*92.0 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**2930**	500	20	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	**1680**	1000	20	07/25/22	07/25/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**718**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP2 - Surf

E207154-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0500	2	07/25/22	07/25/22	
Ethylbenzene	ND	0.0500	2	07/25/22	07/25/22	
Toluene	ND	0.0500	2	07/25/22	07/25/22	
o-Xylene	ND	0.0500	2	07/25/22	07/25/22	
p,m-Xylene	ND	0.100	2	07/25/22	07/25/22	
Total Xylenes	ND	0.0500	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**487**	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	**280**	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*92.2 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**1110**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP3 - Surf

E207154-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**389**	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	**273**	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**97.6**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP4 - Surf

E207154-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0500	2	07/25/22	07/25/22	
Ethylbenzene	ND	0.0500	2	07/25/22	07/25/22	
Toluene	ND	0.0500	2	07/25/22	07/25/22	
o-Xylene	ND	0.0500	2	07/25/22	07/25/22	
p,m-Xylene	ND	0.100	2	07/25/22	07/25/22	
Total Xylenes	ND	0.0500	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**4960**	500	20	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	**2240**	1000	20	07/25/22	07/25/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**3790**	40.0	2	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP5 - Surf

E207154-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0500	2	07/25/22	07/25/22	
Ethylbenzene	ND	0.0500	2	07/25/22	07/25/22	
Toluene	ND	0.0500	2	07/25/22	07/25/22	
o-Xylene	ND	0.0500	2	07/25/22	07/25/22	
p,m-Xylene	ND	0.100	2	07/25/22	07/25/22	
Total Xylenes	ND	0.0500	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**2930**	1250	50	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	2500	50	07/25/22	07/25/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**390**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP6 - Surf

E207154-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**1490**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP7 - Surf

E207154-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0500	2	07/25/22	07/25/22	
Ethylbenzene	ND	0.0500	2	07/25/22	07/25/22	
Toluene	ND	0.0500	2	07/25/22	07/25/22	
o-Xylene	ND	0.0500	2	07/25/22	07/25/22	
p,m-Xylene	ND	0.100	2	07/25/22	07/25/22	
Total Xylenes	ND	0.0500	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**8830**	2500	100	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	5000	100	07/25/22	07/25/22	
Surrogate: n-Nonane		*90.4 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**334**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP8 - Surf

E207154-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**33.1**	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*79.4 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**1010**	20.0	1	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP9 - Surf

E207154-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0250	1	07/25/22	07/25/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/25/22	
Toluene	ND	0.0250	1	07/25/22	07/25/22	
o-Xylene	ND	0.0250	1	07/25/22	07/25/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/25/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*85.3 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**4670**	40.0	2	07/22/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

SP10 - Surf

E207154-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Benzene	ND	0.0500	2	07/25/22	07/25/22	
Ethylbenzene	ND	0.0500	2	07/25/22	07/25/22	
Toluene	ND	0.0500	2	07/25/22	07/25/22	
o-Xylene	ND	0.0500	2	07/25/22	07/25/22	
p,m-Xylene	ND	0.100	2	07/25/22	07/25/22	
Total Xylenes	ND	0.0500	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2230087
Gasoline Range Organics (C6-C10)	ND	40.0	2	07/25/22	07/25/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*07/25/22*	*07/25/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*07/25/22*	*07/25/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2230090
Diesel Range Organics (C10-C28)	**3100**	2500	100	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	5000	100	07/25/22	07/25/22	
Surrogate: n-Nonane		*%*	*50-200*	*07/25/22*	*07/25/22*	*S6*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2230094
Chloride	**3750**	40.0	2	07/22/22	07/25/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

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 (2230087-BLK1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.489*		*0.500*		*97.7*	*70-130*			
LCS (2230087-BS1)									Prepared: 07/25/22 Analyzed: 07/25/22
Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.54	0.0250	2.50		101	70-130			
Toluene	2.51	0.0250	2.50		101	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.84	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.551*		*0.500*		*110*	*70-130*			
Surrogate: Toluene-d8	*0.479*		*0.500*		*95.7*	*70-130*			
LCS Dup (2230087-BSD1)									Prepared: 07/25/22 Analyzed: 07/25/22
Benzene	2.59	0.0250	2.50		103	70-130	0.444	23	
Ethylbenzene	2.60	0.0250	2.50		104	70-130	2.45	27	
Toluene	2.57	0.0250	2.50		103	70-130	2.30	24	
o-Xylene	2.72	0.0250	2.50		109	70-130	1.89	27	
p,m-Xylene	5.32	0.0500	5.00		106	70-130	2.92	27	
Total Xylenes	8.04	0.0250	7.50		107	70-130	2.57	27	
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.531*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.486*		*0.500*		*97.1*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

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 (2230087-BLK1)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.532*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.489*		*0.500*		*97.7*	*70-130*			
LCS (2230087-BS2)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	39.9	20.0	50.0		79.8	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.480*		*0.500*		*95.9*	*70-130*			
LCS Dup (2230087-BSD2)									Prepared: 07/25/22 Analyzed: 07/25/22
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.3	70-130	6.62	20	
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

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 (2230090-BLK1)									Prepared: 07/22/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.0*		*50.0*		*81.9*	*50-200*			
LCS (2230090-BS1)									Prepared: 07/22/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	225	25.0	250		89.9	38-132			
Surrogate: n-Nonane	*41.6*		*50.0*		*83.2*	*50-200*			
Matrix Spike (2230090-MS1)				**Source: E207154-03**					Prepared: 07/22/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	797	25.0	250	389	163	38-132			M2
Surrogate: n-Nonane	*44.2*		*50.0*		*88.5*	*50-200*			
Matrix Spike Dup (2230090-MSD1)				**Source: E207154-03**					Prepared: 07/22/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	766	25.0	250	389	151	38-132	3.92	20	M2
Surrogate: n-Nonane	*43.7*		*50.0*		*87.3*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 5:02:19PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2230094-BLK1)									Prepared: 07/22/22 Analyzed: 07/25/22
Chloride	ND	20.0							
LCS (2230094-BS1)									Prepared: 07/22/22 Analyzed: 07/25/22
Chloride	255	20.0	250		102	90-110			
LCS Dup (2230094-BSD1)									Prepared: 07/22/22 Analyzed: 07/25/22
Chloride	257	20.0	250		103	90-110	0.531	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/26/22 17:02

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
S6	Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 10/12/2022 10:22:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 1

Client:	TapRock
Project:	Yada B waterline
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W County RD
City, State, Zip	Hobbs NM 88240
Phone:	575 390 6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E207154	20046-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	7/20/22	S	1	SP 1 - Surf	1									X				
				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 mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: OBryan Benford OB

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
OBenford	7/20/22	2:30		7-21-22	3:00P
	7-21-22	4:15		7/25/22	10:15

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 t... is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/25/2022 12:23:53PM

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:	07/25/22 10:15	Work Order ID:	E207154
Phone:	(575) 390-6397	Date Logged In:	07/22/22 09:13	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	07/25/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E207164
Job Number:	20046-0001
Received:	7/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/26/22

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

Date Reported: 7/26/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E207164
Date Received: 7/25/2022 8:23:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/25/2022 8:23:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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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	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/26/22 16:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP11 - Surf	E207164-01A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP12 - Surf	E207164-02A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP13 - Surf	E207164-03A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP14 - Surf	E207164-04A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP15 - Surf	E207164-05A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP16 - Surf	E207164-06A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP17 - Surf	E207164-07A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP18 - Surf	E207164-08A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP19 - Surf	E207164-09A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP20 - Surf	E207164-10A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP21 - Surf	E207164-11A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP22 - Surf	E207164-12A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP23 - Surf	E207164-13A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP24 - Surf	E207164-14A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP25 - Surf	E207164-15A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP26 - Surf	E207164-16A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP27 - Surf	E207164-17A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP28 - Surf	E207164-18A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP29 - Surf	E207164-19A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SP30 - Surf	E207164-20A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SW 1 - Surf	E207164-21A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SW 2 - Surf	E207164-22A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SW 3 - Surf	E207164-23A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SW 4 - Surf	E207164-24A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.
SW 5 - Surf	E207164-25A	Soil	07/21/22	07/25/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP11 - Surf

E207164-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	**0.0338**	0.0250	1	07/25/22	07/26/22	
Toluene	**0.0693**	0.0250	1	07/25/22	07/26/22	
o-Xylene	**0.0754**	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	**0.131**	0.0500	1	07/25/22	07/26/22	
Total Xylenes	**0.207**	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	**13500**	2500	100	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	**5770**	5000	100	07/25/22	07/25/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**4280**	100	5	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP12 - Surf

E207164-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	**0.0401**	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	**49.6**	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*97.0 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**10300**	400	20	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP13 - Surf

E207164-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	**50.0**	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**2700**	40.0	2	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP14 - Surf

E207164-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**5500**	100	5	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP15 - Surf

E207164-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*96.9 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**13400**	400	20	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP16 - Surf

E207164-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**422**	20.0	1	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP17 - Surf

E207164-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**3520**	40.0	2	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP18 - Surf

E207164-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/25/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/25/22	
Surrogate: n-Nonane		*95.4 %*	*50-200*	*07/25/22*	*07/25/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**298**	20.0	1	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP19 - Surf

E207164-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**11500**	400	20	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP20 - Surf

E207164-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*96.0 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**4370**	40.0	2	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP21 - Surf

E207164-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.0 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**5490**	40.0	2	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP22 - Surf

E207164-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**88.7**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP23 - Surf

E207164-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	**729**	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	**710**	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*95.7 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**4820**	40.0	2	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP24 - Surf

E207164-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*98.0 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**40.5**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP25 - Surf

E207164-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.6 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	ND	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP26 - Surf

E207164-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**145**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP27 - Surf

E207164-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	**89.5**	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	**72.3**	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**1310**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP28 - Surf

E207164-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**582**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP29 - Surf

E207164-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*98.0 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**262**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SP30 - Surf

E207164-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231008
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*97.6 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231015
Chloride	**20.8**	20.0	1	07/25/22	07/26/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SW 1 - Surf

E207164-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*120 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*118 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	**151**	20.0	1	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SW 2 - Surf

E207164-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231024
Diesel Range Organics (C10-C28)	**1770**	50.0	2	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	**1220**	100	2	07/25/22	07/26/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	**2010**	40.0	2	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SW 3 - Surf

E207164-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*114 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231024
Diesel Range Organics (C10-C28)	**77.7**	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SW 4 - Surf

E207164-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*95.8 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	**2290**	40.0	2	07/25/22	07/25/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

SW 5 - Surf

E207164-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Benzene	ND	0.0250	1	07/25/22	07/26/22	
Ethylbenzene	ND	0.0250	1	07/25/22	07/26/22	
Toluene	ND	0.0250	1	07/25/22	07/26/22	
o-Xylene	ND	0.0250	1	07/25/22	07/26/22	
p,m-Xylene	ND	0.0500	1	07/25/22	07/26/22	
Total Xylenes	ND	0.0250	1	07/25/22	07/26/22	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231009
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/22	07/26/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*117 %*	*70-130*	*07/25/22*	*07/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/22	07/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/22	07/26/22	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*07/25/22*	*07/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2231016
Chloride	ND	20.0	1	07/25/22	07/25/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

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 (2231008-BLK1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*70-130*			
LCS (2231008-BS1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	4.89	0.0250	5.00		97.9	70-130			
Ethylbenzene	4.25	0.0250	5.00		84.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.55	0.0250	5.00		90.9	70-130			
p,m-Xylene	8.77	0.0500	10.0		87.7	70-130			
Total Xylenes	13.3	0.0250	15.0		88.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			
LCS Dup (2231008-BSD1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	4.88	0.0250	5.00		97.5	70-130	0.348	20	
Ethylbenzene	4.23	0.0250	5.00		84.6	70-130	0.340	20	
Toluene	4.59	0.0250	5.00		91.7	70-130	0.271	20	
o-Xylene	4.54	0.0250	5.00		90.8	70-130	0.152	20	
p,m-Xylene	8.75	0.0500	10.0		87.5	70-130	0.301	20	
Total Xylenes	13.3	0.0250	15.0		88.6	70-130	0.250	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

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 (2231009-BLK1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.99*		*8.00*		*112*	*70-130*			
LCS (2231009-BS1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	4.48	0.0250	5.00		89.5	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.1	70-130			
Toluene	4.50	0.0250	5.00		90.1	70-130			
o-Xylene	4.56	0.0250	5.00		91.1	70-130			
p,m-Xylene	8.93	0.0500	10.0		89.3	70-130			
Total Xylenes	13.5	0.0250	15.0		89.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.28*		*8.00*		*116*	*70-130*			
LCS Dup (2231009-BSD1)									Prepared: 07/25/22 Analyzed: 07/26/22
Benzene	4.34	0.0250	5.00		86.8	70-130	3.09	20	
Ethylbenzene	4.28	0.0250	5.00		85.5	70-130	3.02	20	
Toluene	4.37	0.0250	5.00		87.3	70-130	3.08	20	
o-Xylene	4.45	0.0250	5.00		88.9	70-130	2.48	20	
p,m-Xylene	8.67	0.0500	10.0		86.7	70-130	3.00	20	
Total Xylenes	13.1	0.0250	15.0		87.4	70-130	2.82	20	
Surrogate: 4-Bromochlorobenzene-PID	*9.17*		*8.00*		*115*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

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 (2231008-BLK1)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			
LCS (2231008-BS2)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		93.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			
LCS Dup (2231008-BSD2)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.5	70-130	0.410	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

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 (2231009-BLK1)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.49*		*8.00*		*106*	*70-130*			
LCS (2231009-BS2)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.56*		*8.00*		*107*	*70-130*			
LCS Dup (2231009-BSD2)									Prepared: 07/25/22 Analyzed: 07/26/22
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130	3.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.82*		*8.00*		*110*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

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 (2231022-BLK1)									Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*50-200*			
LCS (2231022-BS1)									Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	241	25.0	250		96.3	38-132			
Surrogate: n-Nonane	*47.3*		*50.0*		*94.6*	*50-200*			
Matrix Spike (2231022-MS1)				**Source: E207164-08**					Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.6	38-132			
Surrogate: n-Nonane	*46.7*		*50.0*		*93.4*	*50-200*			
Matrix Spike Dup (2231022-MSD1)				**Source: E207164-08**					Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	2.37	20	
Surrogate: n-Nonane	*47.8*		*50.0*		*95.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

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 (2231024-BLK1)									Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.4*		*50.0*		*94.8*	*50-200*			
LCS (2231024-BS1)									Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	250	25.0	250		99.8	38-132			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.9*	*50-200*			
Matrix Spike (2231024-MS1)				**Source: E207165-06**					Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	*49.9*		*50.0*		*99.8*	*50-200*			
Matrix Spike Dup (2231024-MSD1)				**Source: E207165-06**					Prepared: 07/25/22 Analyzed: 07/25/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	1.48	20	
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2231015-BLK1)									Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	ND	20.0							
LCS (2231015-BS1)									Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2231015-MS1)				**Source: E207164-01**					Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	4460	100	250	4280	72.6	80-120			M2
Matrix Spike Dup (2231015-MSD1)				**Source: E207164-01**					Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	5070	100	250	4280	315	80-120	12.7	20	M2

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/26/2022 4:31:57PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2231016-BLK1)									Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	ND	20.0							
LCS (2231016-BS1)									Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	245	20.0	250		97.8	90-110			
Matrix Spike (2231016-MS1)				**Source: E207140-01**					Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	249	20.0	250	ND	99.4	80-120			
Matrix Spike Dup (2231016-MSD1)				**Source: E207140-01**					Prepared: 07/25/22 Analyzed: 07/25/22
Chloride	249	20.0	250	ND	99.7	80-120	0.256	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/26/22 16:31

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 10/12/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

oject Information

Chain of Custody

Page 1 of 3

ient:	Tap Rock
oject:	Yada B water line
oject Manager:	
ddress:	
ty, State, Zip	
hone:	
mail:	
eport due by:	

Bill To

Attention: Ess
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only

Lab WO# E207164
Job Number 20440-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA
RCRA	

State: NM X; CO; UT; AZ; TX

Analysis and Method

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
	7/21/22	S	1	SP 11 - Surf	1							X		
				SP 12 - Surf	2									
				SP 13 - Surf	3									
				SP 14 - Surf	4									
				SP 15 - Surf	5									
				SP 16 - Surf	6									
				SP 17 - Surf	7									
				SP 18 - Surf	8									
				SP 19 - Surf	9									
				SP 20 - Surf	10									

Additional Instructions:

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

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
OB	7/21/22	8:15		7/22	3:41
	7/22	4:11		7/25/22	8:23

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 2 of 3

Client: Tap Rock
Project: Yoda B Water Line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E207164 | Job Number 20416-0001

TAT: 1D | 2D X | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
	7/21/22	S	1	SP 21 - Surf	11	X	
				SP 22 - Surf	12		
				SP 23 - Surf	13		
				SP 24 - Surf	14		
				SP 25 - Surf	15		
				SP 26 - Surf	16		
				SP 27 - Surf	17		
				SP 28 - Surf	18		
				SP 29 - Surf	19		
				SP 30 - Surf	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: OBryan Benford OB

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
OBryan Benford	7/21/22			7-22-22	3:45
	7-22-22			7/25/22	8:23

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 to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client: Tap Rock
Project: Yard B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E207164
Job Number 20046-0001

TAT
1D | 2D | 3D | Standard
2D: X

EPA Program
CWA | SDWA | RCRA

State
NM: X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	7/21/22	S	1	SW 1 - Surf 21	11	X
				SW 2 - Surf 22	12	
				SW 3 - Surf 23	13	
				SW 4 - Surf 24	14	
				SW 5 - Surf 25	15	
				7/25/22 CC		

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: OBryanBenford OB

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
OBryanBenford	7/21/22			7-22-22	3:45
	7-22-22	4:15		7/25/22	8:23

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: 7/25/2022 2:25:06PM

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:	07/25/22 08:23	Work Order ID:	E207164
Phone:	(575) 390-6397	Date Logged In:	07/25/22 08:50	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	07/26/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E207176
Job Number:	20046-0001
Received:	7/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/22

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

Date Reported: 7/29/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E207176
Date Received: 7/26/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/26/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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ljarboe@envirotech-inc.com

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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/29/22 18:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1 - 10 - 1'	E207176-01A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SP 1A - Surf	E207176-02A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW - 1A - 2'	E207176-03A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW2 - 5	E207176-04A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW3 - 2	E207176-05A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW4 - 2	E207176-06A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW5 - 2	E207176-07A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW6 - Surf	E207176-08A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW6 - 2	E207176-09A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW7 - Surf	E207176-10A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW7 - 2	E207176-11A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW8 - Surf	E207176-12A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW8 - 2	E207176-13A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW9 - Surf	E207176-14A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW9 - 2	E207176-15A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW10 - Surf	E207176-16A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.
SW10 - 2	E207176-17A	Soil	07/22/22	07/26/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW1 - 10 - 1'

E207176-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SP 1A - Surf

E207176-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW - 1A - 2'

E207176-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW2 - 5

E207176-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW3 - 2

E207176-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW4 - 2

E207176-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	**48.9**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW5 - 2

E207176-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*94.1 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW6 - Surf

E207176-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

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E207176-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW7 - Surf

E207176-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*97.0 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	**2080**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW7 - 2

E207176-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*94.6 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW8 - Surf

E207176-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*74.6 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW8 - 2

E207176-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*93.7 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*78.4 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW9 - Surf

E207176-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*79.3 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW9 - 2

E207176-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*78.3 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW10 - Surf

E207176-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*123 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*81.4 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	**32.3**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

SW10 - 2

E207176-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Benzene	ND	0.0250	1	07/27/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/27/22	07/29/22	
Toluene	ND	0.0250	1	07/27/22	07/29/22	
o-Xylene	ND	0.0250	1	07/27/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/27/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/27/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231046
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*122 %*	*70-130*	*07/27/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231063
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*88.6 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231076
Chloride	ND	20.0	1	07/28/22	07/29/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

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 (2231046-BLK1)									Prepared: 07/27/22 Analyzed: 07/28/22
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							
Surrogate: 4-Bromochlorobenzene-PID	*8.92*		*8.00*		*112*	*70-130*			
LCS (2231046-BS1)									Prepared: 07/27/22 Analyzed: 07/29/22
Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.71*		*8.00*		*109*	*70-130*			
LCS Dup (2231046-BSD1)									Prepared: 07/27/22 Analyzed: 07/29/22
Benzene	4.43	0.0250	5.00		88.7	70-130	12.2	20	
Ethylbenzene	4.39	0.0250	5.00		87.9	70-130	11.4	20	
Toluene	4.48	0.0250	5.00		89.5	70-130	11.8	20	
o-Xylene	4.52	0.0250	5.00		90.4	70-130	11.5	20	
p,m-Xylene	8.93	0.0500	10.0		89.3	70-130	11.4	20	
Total Xylenes	13.5	0.0250	15.0		89.7	70-130	11.4	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.76*		*8.00*		*109*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

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 (2231046-BLK1)									Prepared: 07/27/22 Analyzed: 07/28/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.56*		*8.00*		*107*	*70-130*			
LCS (2231046-BS2)									Prepared: 07/27/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	60.0	20.0	50.0		120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.66*		*8.00*		*121*	*70-130*			
LCS Dup (2231046-BSD2)									Prepared: 07/27/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130	9.88	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.84*		*8.00*		*123*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

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 (2231063-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.2*		*50.0*		*116*	*50-200*			
LCS (2231063-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			
Matrix Spike (2231063-MS1)				**Source: E207176-04**					Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*49.7*		*50.0*		*99.3*	*50-200*			
Matrix Spike Dup (2231063-MSD1)				**Source: E207176-04**					Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	0.0412	20	
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:07:05PM

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 (2231076-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	ND	20.0							
LCS (2231076-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	253	20.0	250		101	90-110			
LCS Dup (2231076-BSD1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	261	20.0	250		104	90-110	3.35	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/29/22 18:07

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: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client: Tap Rock
Project: Vada B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W county rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E207176
Job Number 20046-0001

TAT: 1D | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	7/22/22	S	1	SW 1 - 10 - '1	1							X		
				SP 1A - surf	2									
				SW - 1A - '2	3									
				SW 2 - 5	4									
				SW 3 - 2	5									
				SW 4 - 2	6									
				SW 5 - 2	7									
				SW 6 - surf	8									
				SW 6 - 2	9									
	7/22/22			SW 7 - surf	10									

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
OBryanBrenford	7/22/22	2:30		7/22/22	3:00
	7-25	4:15		7/26/22	10:00

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

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 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 [illegible] amount paid for on the report.

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 2 of 2

Client:	Top Rock
Project:	Jalda B water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	Ess
Address:	2724 W County rd
City, State, Zip	Hobbs NM 88240
Phone:	575-390 6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E207176	20046-0001

TAT

1D	2D	3D	Standard

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	7/22/22	S	1	SW 7 - 2	11									X				
				SW 8 - surf	12													
				SW 8 - 2	13													
				SW 9 - surf	14													
				SW 9 - 2	15													
				SW 10 - surf	16													
	7/22/22			SW 10 - 2	17													

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: OB

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
OB	7/22/22			7-26-22	3:00
	7-25-22	4:11		7/26/22	10:00

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

Envirotech Analytical Laboratory

Printed: 7/26/2022 11:48:12AM

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:	07/26/22 10:00	Work Order ID:	E207176
Phone:	(575) 390-6397	Date Logged In:	07/26/22 10:24	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/01/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 smpled 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









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E207181

Job Number: 20046-0001

Received: 7/27/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/28/22

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

Date Reported: 7/28/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E207181
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: Yada B Water Line.

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

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

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

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

Respectfully,

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

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Laboratory Administrator
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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/28/22 15:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW11 - Surf	E207181-01A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW11 - 2'	E207181-02A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW12 - Surf	E207181-03A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW12 - 5'	E207181-04A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW13 - Surf	E207181-05A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW13 - 2'	E207181-06A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW14 - Surf	E207181-07A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.
SW14 - 2'	E207181-08A	Soil	07/25/22	07/27/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW11 - Surf

E207181-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
Diesel Range Organics (C10-C28)	**400**	25.0	1	07/27/22	07/27/22	
Oil Range Organics (C28-C36)	**197**	50.0	1	07/27/22	07/27/22	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	**3220**	40.0	2	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW11 - 2'

E207181-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	ND	20.0	1	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW12 - Surf

E207181-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	**7640**	200	10	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW12 - 5'

E207181-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	**30.4**	20.0	1	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW13 - Surf

E207181-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*94.2 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	**6770**	200	10	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW13 - 2'

E207181-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*91.2 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	**22.8**	20.0	1	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW14 - Surf

E207181-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	ND	20.0	1	07/27/22	07/28/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

SW14 - 2'

E207181-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
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	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/27/22	07/28/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*07/27/22*	*07/28/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231043
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	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*07/27/22*	*07/27/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231053
Chloride	ND	20.0	1	07/27/22	07/28/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

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 (2231049-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	*7.97*		*8.00*		*99.6*	*70-130*			
LCS (2231049-BS1)									Prepared: 07/27/22 Analyzed: 07/27/22
Benzene	4.53	0.0250	5.00		90.6	70-130			
Ethylbenzene	3.94	0.0250	5.00		78.8	70-130			
Toluene	4.26	0.0250	5.00		85.2	70-130			
o-Xylene	4.25	0.0250	5.00		84.9	70-130			
p,m-Xylene	8.15	0.0500	10.0		81.5	70-130			
Total Xylenes	12.4	0.0250	15.0		82.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.12*		*8.00*		*101*	*70-130*			
LCS Dup (2231049-BSD1)									Prepared: 07/27/22 Analyzed: 07/27/22
Benzene	4.78	0.0250	5.00		95.6	70-130	5.31	20	
Ethylbenzene	4.15	0.0250	5.00		83.0	70-130	5.19	20	
Toluene	4.49	0.0250	5.00		89.9	70-130	5.29	20	
o-Xylene	4.47	0.0250	5.00		89.3	70-130	5.09	20	
p,m-Xylene	8.58	0.0500	10.0		85.8	70-130	5.12	20	
Total Xylenes	13.0	0.0250	15.0		87.0	70-130	5.11	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

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 (2231049-BLK1)									Prepared: 07/27/22 Analyzed: 07/27/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2231049-BS2)									Prepared: 07/27/22 Analyzed: 07/27/22
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.7*	*70-130*			
LCS Dup (2231049-BSD2)									Prepared: 07/27/22 Analyzed: 07/27/22
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130	2.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

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 (2231043-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: n-Nonane	*39.7*		*50.0*		*79.5*	*50-200*			
LCS (2231043-BS1)									Prepared: 07/27/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: n-Nonane	*42.3*		*50.0*		*84.5*	*50-200*			
Matrix Spike (2231043-MS1)				**Source: E207181-04**					Prepared: 07/27/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.1	38-132			
Surrogate: n-Nonane	*39.6*		*50.0*		*79.1*	*50-200*			
Matrix Spike Dup (2231043-MSD1)				**Source: E207181-04**					Prepared: 07/27/22 Analyzed: 07/27/22
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132	3.83	20	
Surrogate: n-Nonane	*40.7*		*50.0*		*81.5*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/28/2022 3:53:15PM

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 (2231053-BLK1)									Prepared: 07/27/22 Analyzed: 07/28/22
Chloride	ND	20.0							
LCS (2231053-BS1)									Prepared: 07/27/22 Analyzed: 07/28/22
Chloride	246	20.0	250		98.5	90-110			
Matrix Spike (2231053-MS1)				**Source: E207165-01**					Prepared: 07/27/22 Analyzed: 07/28/22
Chloride	290	20.0	250	39.3	100	80-120			
Matrix Spike Dup (2231053-MSD1)				**Source: E207165-01**					Prepared: 07/27/22 Analyzed: 07/28/22
Chloride	288	20.0	250	39.3	99.6	80-120	0.664	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/28/22 15:53

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

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

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

Released to Imaging: 7/27/2022 8:45:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

oject Information

Chain of Custody

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ient:	Tap Rock
oject:	Yoda B water line
oject Manager:	
ddress:	
ty, State, Zip	
hone:	
mail:	
eport due by:	

Bill To

Attention:	ESS
Address:	2724 w County Rd
City, State, Zip	Hobbs NM 88240
Phone:	575-390-6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E207181	20046-0001

TAT

1D	2D	3D	Standard
(1D)	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Analysis and Method

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
	7/25/22	S	1	SW 11 - surf	1									X				
				SW 11 - 2'	2													
				SW 12 - surf	3													
				SW 12 - 5'	4													
				SW 13 - surf	5													
				SW 13 - 2'	6													
				SW 14 - surf	7													
	7/26/22			SW 14 - 2'	8													

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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: OB Bryan Bunford OB

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
Bryan Bunford	7/25/22			7-26-22	3:00
Jessica Mcall	7-26-22	4:15		7/27/22	10:20
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

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Envirotech Analytical Laboratory

Printed: 7/27/2022 5:55:34PM

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:	07/27/22 10:20	Work Order ID:	E207181
Phone:	(575) 390-6397	Date Logged In:	07/26/22 16:53	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	07/28/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E207187
Job Number:	20046-0001
Received:	7/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/22

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

Date Reported: 7/29/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E207187
Date Received: 7/29/2022 9:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/29/2022 9:50:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/29/22 18:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 15 - Surf	E207187-01A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 15 - 3	E207187-02A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 16 - Surf	E207187-03A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 16 - 2	E207187-04A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 17 - Surf	E207187-05A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 17 - 2	E207187-06A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 18 Surf	E207187-07A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 18 - 2	E207187-08A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 19 - Surf	E207187-09A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 19 - 2	E207187-10A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 20 - Surf	E207187-11A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 20 - 2	E207187-12A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 21 - Surf	E207187-13A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 21 - 2	E207187-14A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 22 - Surf	E207187-15A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 22 - 2	E207187-16A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 23 Surf	E207187-17A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 23 - 2	E207187-18A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 24 - Surf	E207187-19A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.
SW 24 - 2	E207187-20A	Soil	07/26/22	07/29/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 15 - Surf

E207187-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*123 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	**290**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 15 - 3

E207187-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*121 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 16 - Surf

E207187-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*120 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	**56.3**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 16 - 2

E207187-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*115 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*123 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*99.8 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 17 - Surf

E207187-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*120 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	**451**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 17 - 2

E207187-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*122 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 18 Surf

E207187-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 18 - 2

E207187-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*93.9 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 19 - Surf

E207187-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 19 - 2

E207187-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*79.1 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 20 - Surf

E207187-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.1 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*79.4 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 20 - 2

E207187-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*79.5 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 21 - Surf

E207187-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*83.0 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	**498**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 21 - 2

E207187-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*82.1 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 22 - Surf

E207187-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*98.3 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 22 - 2

E207187-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 23 Surf

E207187-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*89.0 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 23 - 2

E207187-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*80.8 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 24 - Surf

E207187-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*85.4 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	**150**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

SW 24 - 2

E207187-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Benzene	ND	0.0250	1	07/28/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/28/22	07/29/22	
Toluene	ND	0.0250	1	07/28/22	07/29/22	
o-Xylene	ND	0.0250	1	07/28/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/28/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2231074
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/22	07/29/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*07/28/22*	*07/29/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*07/28/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/22	07/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/22	07/29/22	
Surrogate: n-Nonane		*81.9 %*	*50-200*	*07/28/22*	*07/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231069
Chloride	ND	20.0	1	07/28/22	07/29/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2231074-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
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	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS (2231074-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Benzene	2.61	0.0250	2.50		105	70-130			
Ethylbenzene	2.70	0.0250	2.50		108	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.54	0.0250	2.50		101	70-130			
p,m-Xylene	5.03	0.0500	5.00		101	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.524*		*0.500*		*105*	*70-130*			
LCS Dup (2231074-BSD1)									Prepared: 07/28/22 Analyzed: 07/29/22
Benzene	2.63	0.0250	2.50		105	70-130	0.401	23	
Ethylbenzene	2.74	0.0250	2.50		109	70-130	1.29	27	
Toluene	2.65	0.0250	2.50		106	70-130	0.720	24	
o-Xylene	2.57	0.0250	2.50		103	70-130	1.39	27	
p,m-Xylene	5.11	0.0500	5.00		102	70-130	1.57	27	
Total Xylenes	7.68	0.0250	7.50		102	70-130	1.51	27	
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

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 (2231073-BLK1)									Prepared: 07/29/22 Analyzed: 07/29/22
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	*7.72*		*8.00*		*96.5*	*70-130*			
LCS (2231073-BS1)									Prepared: 07/29/22 Analyzed: 07/29/22
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.05	0.0250	5.00		80.9	70-130			
Toluene	4.40	0.0250	5.00		88.1	70-130			
o-Xylene	4.35	0.0250	5.00		87.1	70-130			
p,m-Xylene	8.34	0.0500	10.0		83.4	70-130			
Total Xylenes	12.7	0.0250	15.0		84.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.8*	*70-130*			
LCS Dup (2231073-BSD1)									Prepared: 07/29/22 Analyzed: 07/29/22
Benzene	4.88	0.0250	5.00		97.6	70-130	3.51	20	
Ethylbenzene	4.23	0.0250	5.00		84.5	70-130	4.40	20	
Toluene	4.58	0.0250	5.00		91.7	70-130	4.00	20	
o-Xylene	4.55	0.0250	5.00		90.9	70-130	4.37	20	
p,m-Xylene	8.74	0.0500	10.0		87.4	70-130	4.63	20	
Total Xylenes	13.3	0.0250	15.0		88.5	70-130	4.54	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

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 (2231073-BLK1)									Prepared: 07/29/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.61*		*8.00*		*95.1*	*70-130*			
LCS (2231073-BS2)									Prepared: 07/29/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.3*	*70-130*			
LCS Dup (2231073-BSD2)									Prepared: 07/29/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.1	70-130	6.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

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 (2231074-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			
LCS (2231074-BS2)									Prepared: 07/28/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	56.6	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.528*		*0.500*		*106*	*70-130*			
LCS Dup (2231074-BSD2)									Prepared: 07/28/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	57.0	20.0	50.0		114	70-130	0.594	20	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.4*	*70-130*			
Surrogate: Toluene-d8	*0.540*		*0.500*		*108*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

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 (2231072-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*50-200*			
LCS (2231072-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	246	25.0	250		98.3	38-132			
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
Matrix Spike (2231072-MS1)				**Source: E207187-06**					Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	38-132			
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*50-200*			
Matrix Spike Dup (2231072-MSD1)				**Source: E207187-06**					Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.8	38-132	2.30	20	
Surrogate: n-Nonane	*49.8*		*50.0*		*99.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	7/29/2022 6:12:56PM

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 (2231069-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	ND	20.0							
LCS (2231069-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2231069-MS1)				**Source: E207187-01**					Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	528	20.0	250	290	95.1	80-120			
Matrix Spike Dup (2231069-MSD1)				**Source: E207187-01**					Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	509	20.0	250	290	87.6	80-120	3.63	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	07/29/22 18:12

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: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 2

Client:	TapRock
Project:	Jada B Water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W County Rd
City, State, Zip	Hobbs NM 88240
Phone:	575-390-6397
Email:	Natalie Galadden

Lab Use Only

Lab WO#	Job Number
E207187	200460-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	7/26/22	S	1	SW 15 - surf	1									X				
				SW 15 - 3	2													
				SW 16 - surf	3													
				SW 16 - 2	4													
				SW 17 - surf	5													
				SW 17 - 2	6													
				SW 18 surf	7													
				SW 18 - 2	8													
				SW 19 - surf	9													
	7/26/22			SW 19 - 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: OB

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
OB	7-27-22	2:00		7-27-22	3:30p
	7-27-22	4:15p		7/29/22	9:50

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 to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client: Jap Rock
Project: Jade B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575-390-6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E207187
Job Number 20046-0001

TAT
1D | 2D X | 3D | Standard

EPA Program
CWA | SDWA | RCRA

State
NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
	7/26/22	S	1	SW 20 - Surf	11	X	
				SW 20 - 2	12		
				SW 21 - Surf	13		
				SW 21 - 2	14		
				SW 22 - Surf	15		
				SW 22 - 2	16		
				SW 23 Surf	17		
				SW 23 - 2	18		
				SW 24 Surf	19		
	7/26/22			SW 24 - 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: OB

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
	3:00	7-27-22		7-27-22	3:15
	7-27-22	4:15p		7/29/22	9:50
	Date	Time		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: 7/29/2022 10:55:10AM

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:	07/29/22 09:50	Work Order ID:	E207187
Phone:	(575) 390-6397	Date Logged In:	07/28/22 08:29	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	07/29/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Project manager and time sampled are not 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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E207195
Job Number:	20046-0001
Received:	7/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/1/22

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

Date Reported: 8/1/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E207195
Date Received: 7/29/2022 9:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/29/2022 9:50:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/01/22 16:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 - '6	E207195-01A	Soil	07/27/22	07/29/22	Glass Jar, 4 oz.
SP1 A - '6	E207195-02A	Soil	07/27/22	07/29/22	Glass Jar, 4 oz.
SP2 - 4	E207195-03A	Soil	07/27/22	07/29/22	Glass Jar, 4 oz.
SP3 - 4	E207195-04A	Soil	07/27/22	07/29/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

SP1 - '6

E207195-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/29/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/29/22	
Toluene	ND	0.0250	1	07/29/22	07/29/22	
o-Xylene	ND	0.0250	1	07/29/22	07/29/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/29/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/29/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/29/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*07/29/22*	*07/29/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/22	07/30/22	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*07/29/22*	*07/30/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231078
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

SP1 A - '6

E207195-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/30/22	
Toluene	ND	0.0250	1	07/29/22	07/30/22	
o-Xylene	ND	0.0250	1	07/29/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*07/29/22*	*07/30/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*07/29/22*	*07/30/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/22	07/30/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*07/29/22*	*07/30/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231078
Chloride	ND	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

SP2 - 4

E207195-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/30/22	
Toluene	ND	0.0250	1	07/29/22	07/30/22	
o-Xylene	ND	0.0250	1	07/29/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*07/29/22*	*07/30/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*07/29/22*	*07/30/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/22	07/30/22	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*07/29/22*	*07/30/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231078
Chloride	**175**	20.0	1	07/28/22	07/29/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

SP3 - 4

E207195-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Benzene	ND	0.0250	1	07/29/22	07/30/22	
Ethylbenzene	ND	0.0250	1	07/29/22	07/30/22	
Toluene	ND	0.0250	1	07/29/22	07/30/22	
o-Xylene	ND	0.0250	1	07/29/22	07/30/22	
p,m-Xylene	ND	0.0500	1	07/29/22	07/30/22	
Total Xylenes	ND	0.0250	1	07/29/22	07/30/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*07/29/22*	*07/30/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2231073
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/22	07/30/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*07/29/22*	*07/30/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2231067
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/22	07/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/22	07/30/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*07/29/22*	*07/30/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2231078
Chloride	ND	20.0	1	07/28/22	07/29/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

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 (2231073-BLK1)									Prepared: 07/29/22 Analyzed: 07/29/22
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	*7.72*		*8.00*		*96.5*	*70-130*			
LCS (2231073-BS1)									Prepared: 07/29/22 Analyzed: 07/29/22
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.05	0.0250	5.00		80.9	70-130			
Toluene	4.40	0.0250	5.00		88.1	70-130			
o-Xylene	4.35	0.0250	5.00		87.1	70-130			
p,m-Xylene	8.34	0.0500	10.0		83.4	70-130			
Total Xylenes	12.7	0.0250	15.0		84.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.8*	*70-130*			
LCS Dup (2231073-BSD1)									Prepared: 07/29/22 Analyzed: 07/29/22
Benzene	4.88	0.0250	5.00		97.6	70-130	3.51	20	
Ethylbenzene	4.23	0.0250	5.00		84.5	70-130	4.40	20	
Toluene	4.58	0.0250	5.00		91.7	70-130	4.00	20	
o-Xylene	4.55	0.0250	5.00		90.9	70-130	4.37	20	
p,m-Xylene	8.74	0.0500	10.0		87.4	70-130	4.63	20	
Total Xylenes	13.3	0.0250	15.0		88.5	70-130	4.54	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

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 (2231073-BLK1)									Prepared: 07/29/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.61*		*8.00*		*95.1*	*70-130*			
LCS (2231073-BS2)									Prepared: 07/29/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.3*	*70-130*			
LCS Dup (2231073-BSD2)									Prepared: 07/29/22 Analyzed: 07/29/22
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		99.1	70-130	6.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.8*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

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 (2231067-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.6*		*50.0*		*95.2*	*50-200*			
LCS (2231067-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	38-132			
Surrogate: n-Nonane	*47.8*		*50.0*		*95.6*	*50-200*			
Matrix Spike (2231067-MS1)				**Source: E207186-06**					Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*47.2*		*50.0*		*94.4*	*50-200*			
Matrix Spike Dup (2231067-MSD1)				**Source: E207186-06**					Prepared: 07/28/22 Analyzed: 07/29/22
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	1.26	20	
Surrogate: n-Nonane	*43.4*		*50.0*		*86.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/1/2022 4:10:37PM

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 (2231078-BLK1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	ND	20.0							
LCS (2231078-BS1)									Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2231078-MS1)				**Source: E207179-01**					Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2231078-MSD1)				**Source: E207179-01**					Prepared: 07/28/22 Analyzed: 07/29/22
Chloride	266	20.0	250	ND	106	80-120	0.716	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/01/22 16:10

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: 8/17/2022 8:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 1 of 1

Client: TapRock
Project: Yoda B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W county rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E207195
Job Number 20410-0001

TAT
1D | 2D | 3D | Standard
 | X | |

EPA Program
CWA | SDWA | RCRA

State
NM | CO | UT | AZ | TX
X

Analysis and Method

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
	7/21/22	S	1	SP 1 - '6	1							X		
				SP 1A - 16	2									
				SP 2 - 4	3									
	7/21/22			SP 3 - 4	4									

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: OB

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
OB	7/26/22			7-28-22	3:50
	7-28			7/29/22	9:50

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: 7/29/2022 11:05:03AM

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:	07/29/22 09:50	Work Order ID:	E207195
Phone:	(575) 390-6397	Date Logged In:	07/29/22 08:56	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/01/22 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? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: UPS

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
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 filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Subcontract Lab: na

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208001

Job Number: 20046-0001

Received: 8/1/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/2/22

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

Date Reported: 8/2/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208001
Date Received: 8/1/2022 8:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/1/2022 8:15:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/02/22 16:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP4 - 12'	E208001-01A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.
SP6 - 7'	E208001-02A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.
SP7 - 7'	E208001-03A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.
SP8 - 2'	E208001-04A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.
SP5 - 5'	E208001-05A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.
SP5 - 10'	E208001-06A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.
SP5 - 15'	E208001-07A	Soil	07/28/22	08/01/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP4 - 12'

E208001-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*120 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*75.9 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	**109**	20.0	1	08/01/22	08/01/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP6 - 7'

E208001-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*120 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*71.7 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	**70.9**	20.0	1	08/01/22	08/01/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP7 - 7'

E208001-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*119 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*72.8 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	**164**	20.0	1	08/01/22	08/01/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP8 - 2'

E208001-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*120 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*69.3 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	ND	20.0	1	08/01/22	08/01/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP5 - 5'

E208001-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*115 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*122 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*69.0 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	**7070**	100	5	08/01/22	08/01/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP5 - 10'

E208001-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*117 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*122 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*71.7 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	**10700**	200	10	08/01/22	08/01/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

SP5 - 15'

E208001-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Benzene	ND	0.0250	1	08/01/22	08/01/22	
Ethylbenzene	ND	0.0250	1	08/01/22	08/01/22	
Toluene	ND	0.0250	1	08/01/22	08/01/22	
o-Xylene	ND	0.0250	1	08/01/22	08/01/22	
p,m-Xylene	ND	0.0500	1	08/01/22	08/01/22	
Total Xylenes	ND	0.0250	1	08/01/22	08/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*117 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232011
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/22	08/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*118 %*	*70-130*	*08/01/22*	*08/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/22	08/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/22	08/01/22	
Surrogate: n-Nonane		*68.1 %*	*50-200*	*08/01/22*	*08/01/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2232004
Chloride	**7230**	200	10	08/01/22	08/01/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

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 (2232011-BLK1)									Prepared: 08/01/22 Analyzed: 08/01/22
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	*9.30*		*8.00*		*116*	*70-130*			
LCS (2232011-BS1)									Prepared: 08/01/22 Analyzed: 08/01/22
Benzene	4.58	0.0250	5.00		91.6	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.9	70-130			
Toluene	4.63	0.0250	5.00		92.5	70-130			
o-Xylene	4.71	0.0250	5.00		94.3	70-130			
p,m-Xylene	9.23	0.0500	10.0		92.3	70-130			
Total Xylenes	13.9	0.0250	15.0		93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.35*		*8.00*		*117*	*70-130*			
LCS Dup (2232011-BSD1)									Prepared: 08/01/22 Analyzed: 08/02/22
Benzene	4.58	0.0250	5.00		91.5	70-130	0.118	20	
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130	0.169	20	
Toluene	4.63	0.0250	5.00		92.7	70-130	0.202	20	
o-Xylene	4.69	0.0250	5.00		93.9	70-130	0.434	20	
p,m-Xylene	9.20	0.0500	10.0		92.0	70-130	0.334	20	
Total Xylenes	13.9	0.0250	15.0		92.6	70-130	0.367	20	
Surrogate: 4-Bromochlorobenzene-PID	*9.08*		*8.00*		*113*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

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 (2232011-BLK1)									Prepared: 08/01/22 Analyzed: 08/01/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.40*		*8.00*		*105*	*70-130*			
LCS (2232011-BS2)									Prepared: 08/01/22 Analyzed: 08/02/22
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.48*		*8.00*		*106*	*70-130*			
LCS Dup (2232011-BSD2)									Prepared: 08/01/22 Analyzed: 08/02/22
Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130	0.0668	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.44*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232012-BLK1)									Prepared: 08/01/22 Analyzed: 08/01/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*36.8*		*50.0*		*73.5*	*50-200*			
LCS (2232012-BS1)									Prepared: 08/01/22 Analyzed: 08/01/22
Diesel Range Organics (C10-C28)	201	25.0	250		80.6	38-132			
Surrogate: n-Nonane	*36.1*		*50.0*		*72.1*	*50-200*			
Matrix Spike (2232012-MS1)				**Source: E208002-04**					Prepared: 08/01/22 Analyzed: 08/01/22
Diesel Range Organics (C10-C28)	434	25.0	250	299	54.3	38-132			R3
Surrogate: n-Nonane	*38.3*		*50.0*		*76.6*	*50-200*			
Matrix Spike Dup (2232012-MSD1)				**Source: E208002-04**					Prepared: 08/01/22 Analyzed: 08/01/22
Diesel Range Organics (C10-C28)	561	25.0	250	299	105	38-132	25.5	20	R3
Surrogate: n-Nonane	*33.8*		*50.0*		*67.5*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/2/2022 4:18:36PM

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 (2232004-BLK1)									Prepared: 08/01/22 Analyzed: 08/01/22
Chloride	ND	20.0							
LCS (2232004-BS1)									Prepared: 08/01/22 Analyzed: 08/01/22
Chloride	244	20.0	250		97.4	90-110			
Matrix Spike (2232004-MS1)				**Source: E208001-01**					Prepared: 08/01/22 Analyzed: 08/01/22
Chloride	355	20.0	250	109	98.3	80-120			
Matrix Spike Dup (2232004-MSD1)				**Source: E208001-01**					Prepared: 08/01/22 Analyzed: 08/01/22
Chloride	357	20.0	250	109	99.2	80-120	0.616	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/02/22 16:18

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: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 1 of 1

Client: TapRock
Project: Yada B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W County Rd
City, State, Zip Hobbs NM 88240
Phone: 575-390 6897
Email: Natalie Gladden

Lab Use Only
Lab WO# E208001
Job Number 20046-0001

TAT
1D: | 2D: X | 3D: | Standard:

EPA Program
CWA: | SDWA: | RCRA:

State: NM X | 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
	7/27/22	S	1	SP 4 - 12'	1							X		
				SP 6 - 7'	2									
				SP 7 - 7'	3									
	7/28/22			SP 8 - 2'	4									
				SP 5 - 5'	5									
				SP 5 - 10'	6									
	7/28/22			SP 5 - 15'	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: OB

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bryan Bemford	7/28/22			7-29-22	3:15
	7/29/22	4:15		8/1/22	8:15

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

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

Envirotech Analytical Laboratory

Printed: 8/1/2022 2:43:48PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	08/01/22 08:15	Work Order ID:	E208001
Phone:	(575) 390-6397	Date Logged In:	08/01/22 08:29	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/02/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208008

Job Number: 20046-0001

Received: 8/2/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/3/22

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

Date Reported: 8/3/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208008
Date Received: 8/2/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/2/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/03/22 15:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP9 - 5'	E208008-01A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.
SP9 - 10'	E208008-02A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.
SP9 - 15'	E208008-03A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.
SP9 - 20'	E208008-04A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.
SP10 - 5'	E208008-05A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.
SP10 - 10'	E208008-06A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.
SP10 - 15'	E208008-07A	Soil	07/29/22	08/02/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP9 - 5'

E208008-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/02/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/02/22	
Toluene	ND	0.0250	1	08/02/22	08/02/22	
o-Xylene	ND	0.0250	1	08/02/22	08/02/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/02/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/02/22*	*08/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/02/22*	*08/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**316**	20.0	1	08/01/22	08/02/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP9 - 10'

E208008-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/02/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/02/22	
Toluene	ND	0.0250	1	08/02/22	08/02/22	
o-Xylene	ND	0.0250	1	08/02/22	08/02/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/02/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/02/22*	*08/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/02/22*	*08/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**15300**	400	20	08/01/22	08/02/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP9 - 15'

E208008-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/02/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/02/22	
Toluene	ND	0.0250	1	08/02/22	08/02/22	
o-Xylene	ND	0.0250	1	08/02/22	08/02/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/02/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/02/22*	*08/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/02/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*08/02/22*	*08/02/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/02/22*	*08/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**7560**	200	10	08/01/22	08/02/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP9 - 20'

E208008-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/03/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/03/22	
Toluene	ND	0.0250	1	08/02/22	08/03/22	
o-Xylene	ND	0.0250	1	08/02/22	08/03/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/03/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**17100**	400	20	08/01/22	08/02/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP10 - 5'

E208008-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/03/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/03/22	
Toluene	ND	0.0250	1	08/02/22	08/03/22	
o-Xylene	ND	0.0250	1	08/02/22	08/03/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/03/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**9210**	40.0	2	08/01/22	08/02/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP10 - 10'

E208008-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/03/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/03/22	
Toluene	ND	0.0250	1	08/02/22	08/03/22	
o-Xylene	ND	0.0250	1	08/02/22	08/03/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/03/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**10900**	400	20	08/01/22	08/02/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

SP10 - 15'

E208008-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Benzene	ND	0.0250	1	08/02/22	08/03/22	
Ethylbenzene	ND	0.0250	1	08/02/22	08/03/22	
Toluene	ND	0.0250	1	08/02/22	08/03/22	
o-Xylene	ND	0.0250	1	08/02/22	08/03/22	
p,m-Xylene	ND	0.0500	1	08/02/22	08/03/22	
Total Xylenes	ND	0.0250	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/22	08/03/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*70-130*	*08/02/22*	*08/03/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/02/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2232043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/22	08/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/22	08/02/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*08/02/22*	*08/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232010
Chloride	**3750**	40.0	2	08/01/22	08/02/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232017-BLK1)									Prepared: 08/01/22 Analyzed: 08/01/22
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	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2232017-BS1)									Prepared: 08/01/22 Analyzed: 08/01/22
Benzene	2.48	0.0250	2.50		99.1	70-130			
Ethylbenzene	2.71	0.0250	2.50		108	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.54	0.0250	2.50		101	70-130			
p,m-Xylene	5.03	0.0500	5.00		101	70-130			
Total Xylenes	7.57	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			
LCS Dup (2232017-BSD1)									Prepared: 08/01/22 Analyzed: 08/01/22
Benzene	2.58	0.0250	2.50		103	70-130	3.98	23	
Ethylbenzene	2.71	0.0250	2.50		108	70-130	0.0185	27	
Toluene	2.61	0.0250	2.50		104	70-130	0.269	24	
o-Xylene	2.53	0.0250	2.50		101	70-130	0.276	27	
p,m-Xylene	5.03	0.0500	5.00		101	70-130	0.00	27	
Total Xylenes	7.56	0.0250	7.50		101	70-130	0.0926	27	
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

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 (2232017-BLK1)									Prepared: 08/01/22 Analyzed: 08/01/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
LCS (2232017-BS2)									Prepared: 08/01/22 Analyzed: 08/01/22
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			
LCS Dup (2232017-BSD2)									Prepared: 08/01/22 Analyzed: 08/01/22
Gasoline Range Organics (C6-C10)	59.1	20.0	50.0		118	70-130	4.84	20	
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232043-BLK1)									Prepared: 08/02/22 Analyzed: 08/02/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.4*		*50.0*		*115*	*50-200*			
LCS (2232043-BS1)									Prepared: 08/02/22 Analyzed: 08/02/22
Diesel Range Organics (C10-C28)	246	25.0	250		98.6	38-132			
Surrogate: n-Nonane	*58.2*		*50.0*		*116*	*50-200*			
Matrix Spike (2232043-MS1)				**Source: E208008-04**					Prepared: 08/02/22 Analyzed: 08/02/22
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			
Matrix Spike Dup (2232043-MSD1)				**Source: E208008-04**					Prepared: 08/02/22 Analyzed: 08/02/22
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132	3.96	20	
Surrogate: n-Nonane	*57.2*		*50.0*		*114*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/3/2022 3:10:56PM

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 (2232010-BLK1)									Prepared: 08/01/22 Analyzed: 08/02/22
Chloride	ND	20.0							
LCS (2232010-BS1)									Prepared: 08/01/22 Analyzed: 08/02/22
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2232010-MS1)				**Source: E207202-01**					Prepared: 08/01/22 Analyzed: 08/02/22
Chloride	769	20.0	250	545	89.8	80-120			
Matrix Spike Dup (2232010-MSD1)				**Source: E207202-01**					Prepared: 08/01/22 Analyzed: 08/02/22
Chloride	767	20.0	250	545	88.8	80-120	0.318	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/03/22 15:10

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: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client: TapRock
Project: Yada B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E208008
Job Number 20410-0001

TAT
1D | 2D X | 3D | Standard

EPA Program
CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
	7/29/22	S	1	SP 9 - 5'	1	X	
				SP 9 - 10'	2		
				SP 9 - 15'	3		
				SP 9 - 20'	4		
				SP 10 - 5'	5		
				SP 10 - 10'	6		
	7/29/22			SP 10 - 15'	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: OB BM OB

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
Bryan B	7/29/22			8-1-22	2:00
	8-1-22	4:15		8/2/22	10:00

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

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

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

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

Envirotech Analytical Laboratory

Printed: 8/2/2022 11:22:00AM

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:	08/02/22 10:00	Work Order ID:	E208008
Phone:	(575) 390-6397	Date Logged In:	08/02/22 09:12	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/03/22 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?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208020

Job Number: 20046-0001

Received: 8/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/4/22

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

Date Reported: 8/4/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208020
Date Received: 8/3/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/3/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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Cell: 775-287-1762
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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/04/22 16:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 11 - 5'	E208020-01A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 11 - 10'	E208020-02A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 11 - 15'	E208020-03A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 12 - 5'	E208020-04A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 12 - 10'	E208020-05A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 12 - 15'	E208020-06A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 13 - 5'	E208020-07A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 13 - 10'	E208020-08A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 13 - 15'	E208020-09A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 14 - 5'	E208020-10A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 14 - 10'	E208020-11A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.
SP 14 - 15'	E208020-12A	Soil	08/01/22	08/03/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 11 - 5'

E208020-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*98.3 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**8110**	100	5	08/03/22	08/03/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 11 - 10'

E208020-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**8940**	200	10	08/03/22	08/03/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 11 - 15'

E208020-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/03/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/03/22	
Toluene	ND	0.0250	1	08/03/22	08/03/22	
o-Xylene	ND	0.0250	1	08/03/22	08/03/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/03/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*08/03/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/03/22*	*08/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**7980**	400	20	08/03/22	08/03/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 12 - 5'

E208020-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**5960**	200	10	08/03/22	08/03/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 12 - 10'

E208020-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**48.3**	20.0	1	08/03/22	08/03/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 12 - 15'

E208020-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**10900**	400	20	08/03/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 13 - 5'

E208020-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**534**	20.0	1	08/03/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 13 - 10'

E208020-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**8520**	200	10	08/03/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 13 - 15'

E208020-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	ND	20.0	1	08/03/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 14 - 5'

E208020-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**68.9**	20.0	1	08/03/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 14 - 10'

E208020-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/03/22	
Surrogate: n-Nonane		*97.8 %*	*50-200*	*08/03/22*	*08/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**7470**	200	10	08/03/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

SP 14 - 15'

E208020-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Benzene	ND	0.0250	1	08/03/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/03/22	08/04/22	
Toluene	ND	0.0250	1	08/03/22	08/04/22	
o-Xylene	ND	0.0250	1	08/03/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/03/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/03/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232066
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*08/03/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232068
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/22	08/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/22	08/04/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/03/22*	*08/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232064
Chloride	**35.8**	20.0	1	08/03/22	08/04/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

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 (2232066-BLK1)									Prepared: 08/03/22 Analyzed: 08/03/22
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	*9.30*		*8.00*		*116*	*70-130*			
LCS (2232066-BS1)									Prepared: 08/03/22 Analyzed: 08/03/22
Benzene	4.34	0.0250	5.00		86.8	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.2	70-130			
Toluene	4.39	0.0250	5.00		87.8	70-130			
o-Xylene	4.45	0.0250	5.00		89.0	70-130			
p,m-Xylene	8.74	0.0500	10.0		87.4	70-130			
Total Xylenes	13.2	0.0250	15.0		87.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.34*		*8.00*		*117*	*70-130*			
Matrix Spike (2232066-MS1)				**Source: E208020-03**					Prepared: 08/03/22 Analyzed: 08/03/22
Benzene	4.20	0.0250	5.00	ND	84.1	54-133			
Ethylbenzene	4.16	0.0250	5.00	ND	83.3	61-133			
Toluene	4.25	0.0250	5.00	ND	84.9	61-130			
o-Xylene	4.31	0.0250	5.00	ND	86.3	63-131			
p,m-Xylene	8.45	0.0500	10.0	ND	84.5	63-131			
Total Xylenes	12.8	0.0250	15.0	ND	85.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*9.11*		*8.00*		*114*	*70-130*			
Matrix Spike Dup (2232066-MSD1)				**Source: E208020-03**					Prepared: 08/03/22 Analyzed: 08/03/22
Benzene	4.21	0.0250	5.00	ND	84.2	54-133	0.203	20	
Ethylbenzene	4.16	0.0250	5.00	ND	83.1	61-133	0.184	20	
Toluene	4.25	0.0250	5.00	ND	85.0	61-130	0.0636	20	
o-Xylene	4.31	0.0250	5.00	ND	86.2	63-131	0.136	20	
p,m-Xylene	8.43	0.0500	10.0	ND	84.3	63-131	0.300	20	
Total Xylenes	12.7	0.0250	15.0	ND	84.9	63-131	0.245	20	
Surrogate: 4-Bromochlorobenzene-PID	*9.04*		*8.00*		*113*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

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 (2232066-BLK1)									Prepared: 08/03/22 Analyzed: 08/03/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.59*		*8.00*		*107*	*70-130*			
LCS (2232066-BS2)									Prepared: 08/03/22 Analyzed: 08/03/22
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.52*		*8.00*		*107*	*70-130*			
Matrix Spike (2232066-MS2)				**Source: E208020-03**					Prepared: 08/03/22 Analyzed: 08/04/22
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.51*		*8.00*		*106*	*70-130*			
Matrix Spike Dup (2232066-MSD2)				**Source: E208020-03**					Prepared: 08/03/22 Analyzed: 08/04/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	0.511	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.48*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

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 (2232068-BLK1)									Prepared: 08/03/22 Analyzed: 08/03/22
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 (2232068-BS1)									Prepared: 08/03/22 Analyzed: 08/03/22
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132			
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*50-200*			
Matrix Spike (2232068-MS1)				**Source: E208020-09**					Prepared: 08/03/22 Analyzed: 08/03/22
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	*51.8*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2232068-MSD1)				**Source: E208020-09**					Prepared: 08/03/22 Analyzed: 08/03/22
Diesel Range Organics (C10-C28)	288	25.0	250	ND	115	38-132	5.70	20	
Surrogate: n-Nonane	*51.4*		*50.0*		*103*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/4/2022 4:57:13PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2232064-BLK1)									Prepared: 08/03/22 Analyzed: 08/03/22
Chloride	ND	20.0							
LCS (2232064-BS1)									Prepared: 08/03/22 Analyzed: 08/03/22
Chloride	244	20.0	250		97.5	90-110			
Matrix Spike (2232064-MS1)				**Source: E208020-01**					Prepared: 08/03/22 Analyzed: 08/03/22
Chloride	7660	100	250	8110	NR	80-120			M4
Matrix Spike Dup (2232064-MSD1)				**Source: E208020-01**					Prepared: 08/03/22 Analyzed: 08/03/22
Chloride	7740	100	250	8110	NR	80-120	1.02	20	M4

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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/04/22 16:57

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

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

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

Released to Imaging: 10/13/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 2

Client: TapRock
Project: Yada B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: Ess
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E208020
Job Number 20046-0001

TAT: 1D | 2D (X) | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM (X) | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	8/1/22	S	1	SP 11 - 5'	1	
				SP 11 - 10'	2	
				SP 11 - 15'	3	
				SP 12 - 5'	4	
				SP 12 - 10'	5	
				SP 12 - 15'	6	
				SP 13 - 5'	7	
				SP 13 - 10'	8	
				SP 13 - 15'	9	
	8/1/22			SP 14 - 5'	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: Bryan B

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
Bryan B	8/1/22			8-2-22	3:00p
	8-2-22	4:15		8/3/22	10:00

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

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

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

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Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 2 of 2

Client:	Tap Rock
Project:	Yeso B Water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	7724 W Country rd
City, State, Zip	Hobbs NM 88240
Phone:	575 390 6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E208020	208020

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/1/22	S	1	SP 14 - 10'	11									X				
	8/1/22	S	1	SP 14 - 15'	12									X				

Analysis and Method

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: OBryan B

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
OBryan B	8/1/22			8.2.22	830
	8-2-22	4:15		8/3/22	10:00

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 8/3/2022 1:33:55PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	08/03/22 10:00	Work Order ID:	E208020
Phone:	(575) 390-6397	Date Logged In:	08/03/22 09:26	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/04/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E208031
Job Number:	20046-0001
Received:	8/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/5/22

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

Date Reported: 8/5/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208031
Date Received: 8/4/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/4/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/05/22 14:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP15-5'	E208031-01A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP15-10'	E208031-02A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP15-15'	E208031-03A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP16-5'	E208031-04A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP16-10'	E208031-05A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP16-15	E208031-06A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP17-5'	E208031-07A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP17-10'	E208031-08A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP17-15'	E208031-09A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP9-25'	E208031-10A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.
SP9-28'	E208031-11A	Soil	08/02/22	08/04/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP15-5'

E208031-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/04/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/04/22*	*08/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**14300**	400	20	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP15-10'

E208031-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/04/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/04/22	
Toluene	ND	0.0250	1	08/04/22	08/04/22	
o-Xylene	ND	0.0250	1	08/04/22	08/04/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/04/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*08/04/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/04/22*	*08/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/04/22	
Surrogate: n-Nonane		*86.1 %*	*50-200*	*08/04/22*	*08/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**8400**	400	20	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP15-15'

E208031-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/04/22	
Surrogate: n-Nonane		*87.1 %*	*50-200*	*08/04/22*	*08/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**27.4**	20.0	1	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP16-5'

E208031-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/04/22	
Surrogate: n-Nonane		*69.8 %*	*50-200*	*08/04/22*	*08/04/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**148**	20.0	1	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP16-10'

E208031-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**6970**	200	10	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP16-15

E208031-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*83.8 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**65.6**	20.0	1	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP17-5'

E208031-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*68.4 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**1580**	20.0	1	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP17-10'

E208031-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*74.9 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**11000**	400	20	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP17-15'

E208031-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*97.6 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**4000**	40.0	2	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP9-25'

E208031-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**4280**	200	10	08/04/22	08/04/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

SP9-28'

E208031-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Benzene	ND	0.0250	1	08/04/22	08/05/22	
Ethylbenzene	ND	0.0250	1	08/04/22	08/05/22	
Toluene	ND	0.0250	1	08/04/22	08/05/22	
o-Xylene	ND	0.0250	1	08/04/22	08/05/22	
p,m-Xylene	ND	0.0500	1	08/04/22	08/05/22	
Total Xylenes	ND	0.0250	1	08/04/22	08/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2232082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/22	08/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/04/22*	*08/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2232087
Diesel Range Organics (C10-C28)	ND	25.0	1	08/04/22	08/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/04/22	08/05/22	
Surrogate: n-Nonane		*81.0 %*	*50-200*	*08/04/22*	*08/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232089
Chloride	**1720**	40.0	2	08/04/22	08/04/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

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 (2232082-BLK1)									Prepared: 08/04/22 Analyzed: 08/04/22
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	*8.37*		*8.00*		*105*	*70-130*			
LCS (2232082-BS1)									Prepared: 08/04/22 Analyzed: 08/04/22
Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.45*		*8.00*		*106*	*70-130*			
Matrix Spike (2232082-MS1)				**Source: E208031-02**					Prepared: 08/04/22 Analyzed: 08/04/22
Benzene	4.87	0.0250	5.00	ND	97.3	54-133			
Ethylbenzene	4.74	0.0250	5.00	ND	94.7	61-133			
Toluene	4.90	0.0250	5.00	ND	98.0	61-130			
o-Xylene	4.85	0.0250	5.00	ND	96.9	63-131			
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.50*		*8.00*		*106*	*70-130*			
Matrix Spike Dup (2232082-MSD1)				**Source: E208031-02**					Prepared: 08/04/22 Analyzed: 08/04/22
Benzene	4.71	0.0250	5.00	ND	94.2	54-133	3.26	20	
Ethylbenzene	4.57	0.0250	5.00	ND	91.4	61-133	3.60	20	
Toluene	4.74	0.0250	5.00	ND	94.8	61-130	3.28	20	
o-Xylene	4.68	0.0250	5.00	ND	93.7	63-131	3.37	20	
p,m-Xylene	9.24	0.0500	10.0	ND	92.4	63-131	3.70	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.8	63-131	3.59	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.45*		*8.00*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

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 (2232082-BLK1)									Prepared: 08/04/22 Analyzed: 08/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.6*	*70-130*			
LCS (2232082-BS2)									Prepared: 08/04/22 Analyzed: 08/04/22
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			
Matrix Spike (2232082-MS2)				**Source: E208031-02**					Prepared: 08/04/22 Analyzed: 08/04/22
Gasoline Range Organics (C6-C10)	38.8	20.0	50.0	ND	77.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			
Matrix Spike Dup (2232082-MSD2)				**Source: E208031-02**					Prepared: 08/04/22 Analyzed: 08/04/22
Gasoline Range Organics (C6-C10)	36.7	20.0	50.0	ND	73.4	70-130	5.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

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 (2232087-BLK1)									Prepared: 08/04/22 Analyzed: 08/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*50-200*			
LCS (2232087-BS1)									Prepared: 08/04/22 Analyzed: 08/04/22
Diesel Range Organics (C10-C28)	236	25.0	250		94.4	38-132			
Surrogate: n-Nonane	*48.8*		*50.0*		*97.7*	*50-200*			
Matrix Spike (2232087-MS1)				**Source: E208030-04**					Prepared: 08/04/22 Analyzed: 08/04/22
Diesel Range Organics (C10-C28)	1390	25.0	250	2080	NR	38-132			M4
Surrogate: n-Nonane	*46.6*		*50.0*		*93.2*	*50-200*			
Matrix Spike Dup (2232087-MSD1)				**Source: E208030-04**					Prepared: 08/04/22 Analyzed: 08/04/22
Diesel Range Organics (C10-C28)	1130	25.0	250	2080	NR	38-132	21.4	20	M4, R3
Surrogate: n-Nonane	*46.8*		*50.0*		*93.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/5/2022 2:40:31PM

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 (2232089-BLK1)									Prepared: 08/04/22 Analyzed: 08/04/22
Chloride	ND	20.0							
LCS (2232089-BS1)									Prepared: 08/04/22 Analyzed: 08/04/22
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2232089-MS1)				**Source: E208030-01**					Prepared: 08/04/22 Analyzed: 08/04/22
Chloride	554	20.0	250	280	110	80-120			
Matrix Spike Dup (2232089-MSD1)				**Source: E208030-01**					Prepared: 08/04/22 Analyzed: 08/04/22
Chloride	611	20.0	250	280	132	80-120	9.75	20	M2

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

Definitions and Notes

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/05/22 14:40

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
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: 11/2/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 2

Client:	TopRock
Project:	Yoda B water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W County rd
City, State, Zip	Hobbs NM 88240
Phone:	575 390 6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E208031	20240001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	8/2/22	S	1	SP15 - 5'	1							X		
				SP 15- 10'	2									
				SP 15- 15'	3									
				SP 16 - 5'	4									
				SP 16 - 10'	5									
				SP 16 - 15	6									
				SP 17 - 5'	7									
				SP 17 - 10'	8									
				SP 17 - 15'	9									
	8/2/22			SP 9 - 25'	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 B

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
O Bryan B	8/2/22			8-3-22	1:30
	8-3-22	4:15		8/4/22	10:00

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 2 of 2

Client:	Top Rock
Project:	Yoder B water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W County Rd
City, State, Zip	Hobbs NM 88240
Phone:	575 390 6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E208031	20044c0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	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			Remarks
	8/2/22	S	1	SP 9 - 28'	11									X				

Additional Instructions:

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

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
	8/2/22			8-3-22	1:20
	8-3-22	4:15		8/4/22	10:00

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above

Envirotech Analytical Laboratory

Printed: 8/4/2022 2:32:08PM

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:	08/04/22 10:00	Work Order ID:	E208031
Phone:	(575) 390-6397	Date Logged In:	08/04/22 10:56	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	08/05/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on coc

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E208043
Job Number:	20046-0001
Received:	8/5/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/9/22

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

Date Reported: 8/9/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208043
Date Received: 8/5/2022 1:37:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/5/2022 1:37:00PM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Office: 505-632-1881
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ljarboe@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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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/09/22 10:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP6 - 5'	E208043-01A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP5 - 16'	E208043-02A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP5 - 20'	E208043-03A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP18 - 5'	E208043-04A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP18 - 10'	E208043-05A	Soil	08/04/22	08/05/22	Glass Jar, 4 oz.
SP18 - 15'	E208043-06A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP10 - 20'	E208043-07A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP11 - 20'	E208043-08A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP12 - 20'	E208043-09A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP19 - 5'	E208043-10A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.
SP19 - 10'	E208043-11A	Soil	08/03/22	08/05/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP6 - 5'

E208043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*66.8 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**7870**	200	10	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP5 - 16'

E208043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*63.0 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**2710**	40.0	2	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP5 - 20'

E208043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*63.8 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**41.4**	20.0	1	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP18 - 5'

E208043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*71.5 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**5100**	100	5	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP18 - 10'

E208043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*86.5 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**8170**	400	20	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP18 - 15'

E208043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**9490**	200	10	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP10 - 20'

E208043-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**19600**	400	20	08/05/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP11 - 20'

E208043-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*75.4 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**83.2**	20.0	1	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP12 - 20'

E208043-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*74.5 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**8610**	400	20	08/05/22	08/05/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP19 - 5'

E208043-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**16200**	400	20	08/05/22	08/06/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

SP19 - 10'

E208043-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Benzene	ND	0.0250	1	08/05/22	08/06/22	
Ethylbenzene	ND	0.0250	1	08/05/22	08/06/22	
Toluene	ND	0.0250	1	08/05/22	08/06/22	
o-Xylene	ND	0.0250	1	08/05/22	08/06/22	
p,m-Xylene	ND	0.0500	1	08/05/22	08/06/22	
Total Xylenes	ND	0.0250	1	08/05/22	08/06/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233003
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/05/22	08/06/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*08/05/22*	*08/06/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233016
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*79.9 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2232098
Chloride	**7310**	400	20	08/05/22	08/06/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

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 (2233003-BLK1)									Prepared: 08/05/22 Analyzed: 08/08/22
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	*7.73*		*8.00*		*96.6*	*70-130*			
LCS (2233003-BS1)									Prepared: 08/05/22 Analyzed: 08/08/22
Benzene	4.47	0.0250	5.00		89.5	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.5	70-130			
Toluene	4.59	0.0250	5.00		91.9	70-130			
o-Xylene	4.56	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.08	0.0500	10.0		90.8	70-130			
Total Xylenes	13.6	0.0250	15.0		90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.2*	*70-130*			
LCS Dup (2233003-BSD1)									Prepared: 08/05/22 Analyzed: 08/08/22
Benzene	4.54	0.0250	5.00		90.8	70-130	1.50	20	
Ethylbenzene	4.54	0.0250	5.00		90.9	70-130	1.59	20	
Toluene	4.67	0.0250	5.00		93.3	70-130	1.54	20	
o-Xylene	4.63	0.0250	5.00		92.5	70-130	1.53	20	
p,m-Xylene	9.22	0.0500	10.0		92.2	70-130	1.54	20	
Total Xylenes	13.8	0.0250	15.0		92.3	70-130	1.54	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.86*		*8.00*		*98.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

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 (2233003-BLK1)									Prepared: 08/05/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.65*		*8.00*		*95.6*	*70-130*			
LCS (2233003-BS2)									Prepared: 08/05/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.8*	*70-130*			
LCS Dup (2233003-BSD2)									Prepared: 08/05/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0		88.2	70-130	6.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.65*		*8.00*		*95.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

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 (2233016-BLK1)									Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*38.7*		*50.0*		*77.5*	*50-200*			
LCS (2233016-BS1)									Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	235	25.0	250		93.9	38-132			
Surrogate: n-Nonane	*47.3*		*50.0*		*94.6*	*50-200*			
Matrix Spike (2233016-MS1)				**Source: E208043-04**					Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	232	25.0	250	ND	93.0	38-132			
Surrogate: n-Nonane	*45.0*		*50.0*		*90.1*	*50-200*			
Matrix Spike Dup (2233016-MSD1)				**Source: E208043-04**					Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.2	38-132	2.40	20	
Surrogate: n-Nonane	*44.1*		*50.0*		*88.2*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/9/2022 10:45:06AM

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 (2232098-BLK1)									Prepared: 08/05/22 Analyzed: 08/05/22
Chloride	ND	20.0							
LCS (2232098-BS1)									Prepared: 08/05/22 Analyzed: 08/05/22
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2232098-MS1)				**Source: E208032-01**					Prepared: 08/05/22 Analyzed: 08/05/22
Chloride	261	20.0	250	ND	105	80-120			
Matrix Spike Dup (2232098-MSD1)				**Source: E208032-01**					Prepared: 08/05/22 Analyzed: 08/05/22
Chloride	260	20.0	250	ND	104	80-120	0.392	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/09/22 10:45

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: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 2

Client: Taprock	
Project: Yoda B Water line	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ESS	
Address: 2724 nw County Rd	
City, State, Zip Hobbs NM 88240	
Phone: 575 390 6397	
Email: Natalie Gladden	

Lab Use Only

Lab WO#	Job Number
E208043	20046-0001

TAT

1D	2D	3D	Standard
	✓		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
✓					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/3	S	1	SP5 - 10'	1									✓				
				SP5 - 16'	2													
				SP 5 - 26'	3													
				SP18 - 5'	4													
				SP18 - 10'	5													
				SP18 - 15'	6													
				SP10 - 20'	7													
				SP 11 - 20'	8													
				SP 12 - 20'	9													
				SP 19 - 5'	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: Jordan Ponder Gordon Ponder

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
Gordon Ponder	8/3/22			8/4/22	3:06
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/4/22	4:15		8/5/22	13:37
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.

Page 402 of 686

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 2 of 2

Client: Tajtock	Bill To
Project: Yada B water line	Attention: ESS
Project Manager:	Address: 2724 NW County Rd
Address:	City, State, Zip Hobbs NM 88240
City, State, Zip	Phone: 575 390 6397
Phone:	Email: Natalie Gladden
Email:	
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E208043	20046-0001		✓				
							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
	8/3	S	1	SP19-10'	11									✓				

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: Jordan Pander

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
Jordan Pander	8/3/22			8-4-22	3:00
	8-4-22	4:15	Caitlin Chute	8/5/22	1331

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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Envirotech Analytical Laboratory

Printed: 8/9/2022 10:18:29AM

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:	08/05/22 13:37	Work Order ID:	E208043
Phone:	(575) 390-6397	Date Logged In:	08/05/22 13:19	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/08/22 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? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes

Carrier: Courier

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on COC. client changed sample name sp5-10 to sp6-5.

Client Instruction

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

Date

envirotech Inc.

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 2

Client: Taprock	
Project: Yoda B Water line	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: ESS	
Address: 2724 nw County Rd	
City, State, Zip Hobbs NM 88240	
Phone: 575 390 6397	
Email: Natalie Gladden	

Lab Use Only

Lab WO#	Job Number
E208043	20046-0001

TAT

1D	2D	3D	Standard
	✓		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX
✓				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	8/3	S	1	~~SP5 10'~~ SP6-5'	1							✓		per client AM 8/9/22
				SP5-16'	2									
				SP5-26'	3									
				SP18-5'	4									
				SP18-10'	5									
				SP18-15'	6									
				SP10-20'	7									
				SP11-20'	8									
				SP12-20'	9									
				SP19-5'	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: Jordan Ponder Gordon Ponder

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
Gordon Ponder	8/3/22			8/4/22	3:06
	8/4/22	4:15		8/5/22	13:37

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.

Environmental

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 2 of 2

Client:	Tarrack
Project:	Yada B water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 NW County Rd
City, State, Zip	Hobbs NM 88240
Phone:	575 390 6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E207043	20046-0001

TAT

1D	2D	3D	Standard
	✓		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
✓					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/3	S	1	SP19-10'	11									✓				

Analysis and Method

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: Jordan Pander

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
Jordan Pander	8/3/22			8-4-22	3.00
	8-4-22	4:15	Castle Chute	8/5/22	1331

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.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208047

Job Number: 20046-0001

Received: 8/8/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/10/22

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

Date Reported: 8/10/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208047
Date Received: 8/8/2022 10:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2022 10:50:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/10/22 10:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 13-20'	E208047-01A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 13-26'	E208047-02A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 14-20'	E208047-03A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 15-20'	E208047-04A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 19-15'	E208047-05A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 19-20'	E208047-06A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 20-5'	E208047-07A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 20-10'	E208047-08A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 20-15'	E208047-09A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 20-20'	E208047-10A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 21-6'	E208047-11A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 21-10'	E208047-12A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 21-16'	E208047-13A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 21-20'	E208047-14A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 22-6'	E208047-15A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 22-10'	E208047-16A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 22-16'	E208047-17A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 22-20'	E208047-18A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.
SP 23-6'	E208047-19A	Soil	08/04/22	08/08/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 13-20'

E208047-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.7 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**13300**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 13-26'

E208047-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*92.1 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**13700**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 14-20'

E208047-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**12600**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 15-20'

E208047-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**11300**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 19-15'

E208047-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*80.4 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**14400**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 19-20'

E208047-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.5 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*90.3 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**16200**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 20-5'

E208047-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/08/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/08/22	
Toluene	ND	0.0250	1	08/08/22	08/08/22	
o-Xylene	ND	0.0250	1	08/08/22	08/08/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/08/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/08/22	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/08/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*08/08/22*	*08/08/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/08/22	
Surrogate: n-Nonane		*89.3 %*	*50-200*	*08/08/22*	*08/08/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**16700**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 20-10'

E208047-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**13600**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 20-15'

E208047-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*82.7 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**12100**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 20-20'

E208047-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**8520**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 21-6'

E208047-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*71.2 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**15800**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 21-10'

E208047-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*94.9 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**10500**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 21-16'

E208047-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*88.5 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**12700**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 21-20'

E208047-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*94.8 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**9330**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 22-6'

E208047-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*87.7 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**18400**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 22-10'

E208047-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*97.7 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**9410**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 22-16'

E208047-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**13200**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 22-20'

E208047-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*90.5 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**9080**	400	20	08/08/22	08/08/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

SP 23-6'

E208047-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Benzene	ND	0.0250	1	08/08/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/08/22	08/09/22	
Toluene	ND	0.0250	1	08/08/22	08/09/22	
o-Xylene	ND	0.0250	1	08/08/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/08/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/08/22	08/09/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233009
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/22	08/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*08/08/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/22	08/09/22	
Surrogate: n-Nonane		*92.2 %*	*50-200*	*08/08/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2233011
Chloride	**8110**	400	20	08/08/22	08/08/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

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 (2233009-BLK1)									Prepared: 08/08/22 Analyzed: 08/08/22
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	*7.72*		*8.00*		*96.5*	*70-130*			
LCS (2233009-BS1)									Prepared: 08/08/22 Analyzed: 08/08/22
Benzene	3.89	0.0250	5.00		77.9	70-130			
Ethylbenzene	3.93	0.0250	5.00		78.5	70-130			
Toluene	4.01	0.0250	5.00		80.1	70-130			
o-Xylene	3.98	0.0250	5.00		79.6	70-130			
p,m-Xylene	7.92	0.0500	10.0		79.2	70-130			
Total Xylenes	11.9	0.0250	15.0		79.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
Matrix Spike (2233009-MS1)				**Source: E208047-03**					Prepared: 08/08/22 Analyzed: 08/08/22
Benzene	4.30	0.0250	5.00	ND	86.1	54-133			
Ethylbenzene	4.31	0.0250	5.00	ND	86.1	61-133			
Toluene	4.43	0.0250	5.00	ND	88.6	61-130			
o-Xylene	4.40	0.0250	5.00	ND	88.1	63-131			
p,m-Xylene	8.73	0.0500	10.0	ND	87.3	63-131			
Total Xylenes	13.1	0.0250	15.0	ND	87.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
Matrix Spike Dup (2233009-MSD1)				**Source: E208047-03**					Prepared: 08/08/22 Analyzed: 08/08/22
Benzene	4.35	0.0250	5.00	ND	86.9	54-133	0.980	20	
Ethylbenzene	4.35	0.0250	5.00	ND	87.0	61-133	1.07	20	
Toluene	4.47	0.0250	5.00	ND	89.5	61-130	1.04	20	
o-Xylene	4.45	0.0250	5.00	ND	89.1	63-131	1.11	20	
p,m-Xylene	8.82	0.0500	10.0	ND	88.2	63-131	1.01	20	
Total Xylenes	13.3	0.0250	15.0	ND	88.5	63-131	1.04	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.1*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

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 (2233009-BLK1)									Prepared: 08/08/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.8*	*70-130*			
LCS (2233009-BS2)									Prepared: 08/08/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.61*		*8.00*		*95.1*	*70-130*			
Matrix Spike (2233009-MS2)				**Source: E208047-03**					Prepared: 08/08/22 Analyzed: 08/08/22
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.56*		*8.00*		*94.5*	*70-130*			
Matrix Spike Dup (2233009-MSD2)				**Source: E208047-03**					Prepared: 08/08/22 Analyzed: 08/09/22
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.7	70-130	0.611	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

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 (2233020-BLK1)									Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*50-200*			
LCS (2233020-BS1)									Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	249	25.0	250		99.4	38-132			
Surrogate: n-Nonane	*45.2*		*50.0*		*90.4*	*50-200*			
Matrix Spike (2233020-MS1)				**Source: E208047-14**					Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132			
Surrogate: n-Nonane	*42.2*		*50.0*		*84.4*	*50-200*			
Matrix Spike Dup (2233020-MSD1)				**Source: E208047-14**					Prepared: 08/08/22 Analyzed: 08/08/22
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	38-132	3.58	20	
Surrogate: n-Nonane	*37.2*		*50.0*		*74.5*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 10:47:22AM

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 (2233011-BLK1)									Prepared: 08/08/22 Analyzed: 08/08/22
Chloride	ND	20.0							
LCS (2233011-BS1)									Prepared: 08/08/22 Analyzed: 08/08/22
Chloride	264	20.0	250		106	90-110			
LCS Dup (2233011-BSD1)									Prepared: 08/08/22 Analyzed: 08/09/22
Chloride	265	20.0	250		106	90-110	0.0719	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/10/22 10:47

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: 11/4/2022 9:42:50 AM
Received by OCD: 10/19/2022 10:22:49 AM

Project Information

Chain of Custody

Page 1 of 2

Client: Top Rock
Project: Vada B water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W County Rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E208047
Job Number 20046-0001

TAT
1D | 2D X | 3D | Standard

EPA Program
CWA | SDWA | RCRA

State
NM ✓ | CO | UT | AZ | TX

Analysis and Method

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
	8/4/22	S	1	SP 13 - 20'	1									✓				
				SP 13 - 26'	2													
				SP 14 - 20'	3													
				SP 15 - 20'	4													
				SP 19 - 15'	5													
				SP 19 - 20'	6													
				SP 20 - 5'	7													
				SP 20 - 10'	8													
				SP 20 - 15'	9													
	8/4/22			SP 20 - 20'	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: Landon Ponder Gerden Bruder

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
Landon Ponder	8/4/22				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-5-22	9:15		8/8/22	10:30
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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 2 of 2

Client:	TapRock
Project:	Yada B water line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention: Ess
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only

Lab WO# E208047
Job Number 20046-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/4/22	S	1	SP 21 - 6'	11									X				
				SP 21 - 10'	12													
				SP 21 - 16'	13													
				SP 21 - 20'	14													
				SP 22 - 6'	15													
				SP 22 - 10'	16													
				SP 22 - 16'	17													
				SP 22 - 20'	18													
	8/4/22			SP 23 - 6'	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: Gordon Ponder Gordon Ponder

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.

	Date	Time		Date	Time
Relinquished by: (Signature) Gordon Ponder	8/4/22		Received by: (Signature)	8-5-22	3:30
Relinquished by: (Signature)	8-5-22	4:15	Received by: (Signature)	8/8/22	10:50
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

Envirotech Analytical Laboratory

Printed: 8/8/2022 1:11:20PM

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:	08/08/22 10:50	Work Order ID:	E208047
Phone:	(575) 390-6397	Date Logged In:	08/08/22 11:02	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	08/09/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled were not provided on the COC.

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208057

Job Number: 20046-0001

Received: 8/9/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/10/22

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

Date Reported: 8/10/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208057
Date Received: 8/9/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/9/2022 10:15:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/10/22 16:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP23 - 10'	E208057-01A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP23 - 16'	E208057-02A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP23 - 20'	E208057-03A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP24 - 6'	E208057-04A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP24 - 10'	E208057-05A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP24 - 16'	E208057-06A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP24 - 20'	E208057-07A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP25 - 6'	E208057-08A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP25 - 10'	E208057-09A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP25 - 16'	E208057-10A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP25 - 20'	E208057-11A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP26 - 6'	E208057-12A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP26 - 10'	E208057-13A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP26 - 16'	E208057-14A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP26 - 20'	E208057-15A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP27 - 6'	E208057-16A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP27 - 10'	E208057-17A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP27 - 16'	E208057-18A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP27 - 20'	E208057-19A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP28 - 6'	E208057-20A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP28 - 8'	E208057-21A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP29 - 6'	E208057-22A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP30 - 4'	E208057-23A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.
SP16 - 19'	E208057-24A	Soil	08/05/22	08/09/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP23 - 10'

E208057-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*96.9 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*82.9 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**10900**	200	10	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP23 - 16'

E208057-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*82.8 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**1230**	20.0	1	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP23 - 20'

E208057-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**1180**	20.0	1	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP24 - 6'

E208057-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**21500**	400	20	08/09/22	08/10/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP24 - 10'

E208057-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**8280**	100	5	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP24 - 16'

E208057-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*99.0 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**10800**	200	10	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP24 - 20'

E208057-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*79.3 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**19700**	400	20	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP25 - 6'

E208057-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.7 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*100 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**14900**	400	20	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP25 - 10'

E208057-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.1 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.4 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**8860**	100	5	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP25 - 16'

E208057-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*90.0 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**12500**	400	20	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP25 - 20'

E208057-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*84.5 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**14600**	400	20	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP26 - 6'

E208057-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*99.1 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**5230**	100	5	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP26 - 10'

E208057-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**11700**	400	20	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP26 - 16'

E208057-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*89.1 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**5360**	40.0	2	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP26 - 20'

E208057-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*95.5 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.8 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**480**	20.0	1	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP27 - 6'

E208057-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**17500**	400	20	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP27 - 10'

E208057-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.5 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*90.2 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**829**	20.0	1	08/09/22	08/10/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP27 - 16'

E208057-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*93.3 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**81.8**	20.0	1	08/09/22	08/10/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP27 - 20'

E208057-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	**173**	20.0	1	08/09/22	08/10/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP28 - 6'

E208057-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.1 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233033
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.1 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*98.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233035
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/10/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*08/09/22*	*08/10/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233039
Chloride	ND	20.0	1	08/09/22	08/10/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP28 - 8'

E208057-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Benzene	ND	0.0250	1	08/09/22	08/09/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/09/22	
Toluene	ND	0.0250	1	08/09/22	08/09/22	
o-Xylene	ND	0.0250	1	08/09/22	08/09/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/09/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/09/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*08/09/22*	*08/09/22*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*08/09/22*	*08/09/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233040
Chloride	ND	200	10	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP29 - 6'

E208057-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233040
Chloride	ND	20.0	1	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP30 - 4'

E208057-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233040
Chloride	**162**	20.0	1	08/09/22	08/09/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

SP16 - 19'

E208057-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Benzene	ND	0.0250	1	08/09/22	08/10/22	
Ethylbenzene	ND	0.0250	1	08/09/22	08/10/22	
Toluene	ND	0.0250	1	08/09/22	08/10/22	
o-Xylene	ND	0.0250	1	08/09/22	08/10/22	
p,m-Xylene	ND	0.0500	1	08/09/22	08/10/22	
Total Xylenes	ND	0.0250	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2233034
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/09/22	08/10/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/09/22*	*08/10/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/09/22*	*08/10/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2233036
Diesel Range Organics (C10-C28)	ND	25.0	1	08/09/22	08/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/09/22	08/09/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*08/09/22*	*08/09/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2233040
Chloride	ND	20.0	1	08/09/22	08/09/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233033-BLK1)									Prepared: 08/09/22 Analyzed: 08/10/22
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	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.5*	*70-130*			
LCS (2233033-BS1)									Prepared: 08/09/22 Analyzed: 08/10/22
Benzene	2.20	0.0250	2.50		88.1	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.9	70-130			
Toluene	2.16	0.0250	2.50		86.4	70-130			
o-Xylene	2.32	0.0250	2.50		92.9	70-130			
p,m-Xylene	4.58	0.0500	5.00		91.6	70-130			
Total Xylenes	6.90	0.0250	7.50		92.0	70-130			
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.495*		*0.500*		*99.0*	*70-130*			
LCS Dup (2233033-BSD1)									Prepared: 08/09/22 Analyzed: 08/10/22
Benzene	2.25	0.0250	2.50		89.9	70-130	2.04	23	
Ethylbenzene	2.30	0.0250	2.50		91.8	70-130	1.07	27	
Toluene	2.21	0.0250	2.50		88.4	70-130	2.27	24	
o-Xylene	2.41	0.0250	2.50		96.5	70-130	3.82	27	
p,m-Xylene	4.69	0.0500	5.00		93.8	70-130	2.44	27	
Total Xylenes	7.11	0.0250	7.50		94.7	70-130	2.91	27	
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233034-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
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	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS (2233034-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Benzene	2.27	0.0250	2.50		90.8	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.4	70-130			
Toluene	2.27	0.0250	2.50		90.6	70-130			
o-Xylene	2.19	0.0250	2.50		87.5	70-130			
p,m-Xylene	4.33	0.0500	5.00		86.7	70-130			
Total Xylenes	6.52	0.0250	7.50		87.0	70-130			
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
LCS Dup (2233034-BSD1)									Prepared: 08/09/22 Analyzed: 08/09/22
Benzene	2.34	0.0250	2.50		93.7	70-130	3.17	23	
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130	4.40	27	
Toluene	2.38	0.0250	2.50		95.2	70-130	4.87	24	
o-Xylene	2.29	0.0250	2.50		91.6	70-130	4.49	27	
p,m-Xylene	4.52	0.0500	5.00		90.3	70-130	4.10	27	
Total Xylenes	6.81	0.0250	7.50		90.7	70-130	4.23	27	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233033-BLK1)									Prepared: 08/09/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.5*	*70-130*			
LCS (2233033-BS2)									Prepared: 08/09/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0		87.8	70-130			
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.469*		*0.500*		*93.8*	*70-130*			
Surrogate: Toluene-d8	*0.504*		*0.500*		*101*	*70-130*			
LCS Dup (2233033-BSD2)									Prepared: 08/09/22 Analyzed: 08/10/22
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.5	70-130	0.902	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.464*		*0.500*		*92.7*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233034-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS (2233034-BS2)									Prepared: 08/09/22 Analyzed: 08/09/22
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		94.0	70-130			
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
LCS Dup (2233034-BSD2)									Prepared: 08/09/22 Analyzed: 08/09/22
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130	9.80	20	
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.533*		*0.500*		*107*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233035-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*50-200*			
LCS (2233035-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			
Matrix Spike (2233035-MS1)				**Source: E208057-05**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	*38.0*		*50.0*		*76.0*	*50-200*			
Matrix Spike Dup (2233035-MSD1)				**Source: E208057-05**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132	0.827	20	
Surrogate: n-Nonane	*38.2*		*50.0*		*76.4*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233036-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*50-200*			
LCS (2233036-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	251	25.0	250		101	38-132			
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
Matrix Spike (2233036-MS1)				**Source: E208057-23**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	*45.7*		*50.0*		*91.3*	*50-200*			
Matrix Spike Dup (2233036-MSD1)				**Source: E208057-23**					Prepared: 08/09/22 Analyzed: 08/09/22
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	2.23	20	
Surrogate: n-Nonane	*49.4*		*50.0*		*98.8*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233039-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	ND	20.0							
LCS (2233039-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2233039-MS1)				**Source: E208057-01**					Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	12600	200	250	10900	690	80-120			M4
Matrix Spike Dup (2233039-MSD1)				**Source: E208057-01**					Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	12300	200	250	10900	555	80-120	2.71	20	M4

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/10/2022 4:32:56PM

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 (2233040-BLK1)									Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	ND	20.0							
LCS (2233040-BS1)									Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	245	20.0	250		97.8	90-110			
Matrix Spike (2233040-MS1)				**Source: E208057-21**					Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	253	200	250	ND	101	80-120			
Matrix Spike Dup (2233040-MSD1)				**Source: E208057-21**					Prepared: 08/09/22 Analyzed: 08/09/22
Chloride	283	200	250	ND	113	80-120	11.2	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/10/22 16:32

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

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 1 of 3

Client: Tap Rock
Project: Yada B Water line
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: Ess
Address: 2724 W County rd
City, State, Zip Hobbs NM 88240
Phone: 575-390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E208057
Job Number 20046-0001

TAT
1D | 2D X | 3D | Standard

EPA Program
CWA | SDWA | RCRA

State
NM X | 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
	8/5/22	S	1	SP 23 - 10'	1							X		
				SP 23 - 16'	2									
				SP 23- 20'	3									
				SP 24- 6'	4									
				SP 24 - 10'	5									
				SP 24 - 16'	6									
				SP 24- 20'	7									
				SP 25 - 6'	8									
				SP 25 - 10'	9									
				SP 25 - 16'	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: Jordan Ponder Jordan Ponder

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
Jordan Ponder	8-5-22			8-8-22	3:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-8-22	4:15		8/9/22	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. Page 39 of 42 ...e returned to client or disposed of at the client expense. The report for the analysis of the above

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Released to Imaging: 11/7/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client: TopRock
Project: Yoda B WL
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ESS
Address: 2724 W county rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Caldwell

Lab Use Only
Lab WO# E208057
Job Number 20046-0001

TAT: 1D | 2D | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	8/5/22	S	1	SP 25 - 20'	11	
				SP 26 - 6'	12	
				SP 26 - 10'	13	
				SP 26 - 16'	14	
				SP 26 - 20'	15	
				SP 27 - 6'	16	
				SP 27 - 10'	17	
				SP 27 - 16'	18	
				SP 27 - 20'	19	
	8/5/22			SP 28 - 6'	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: Gordon P

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Gordon P	8/5/22			8/8/22	2:00
	8/8/22	9:15		8/9/22	10:15

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

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 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. [illegible] returned to client or disposed of at the client expense. The report for the analysis of the above

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 3 of 3

Client: Tap Rock
Project: Jordan B WL
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To
Attention: ECS
Address: 2724 W County Rd
City, State, Zip Hobbs NM 88240
Phone: 575 390 6397
Email: Natalie Gladden

Lab Use Only
Lab WO# E208057
Job Number 200460-0001

TAT
1D | 2D | 3D | Standard
 | X | |

EPA Program
CWA | SDWA | RCRA

State
NM | CO | UT | AZ | TX
X | | | | |

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	8/5/22	S	1	SP 28-8'	21							X		
	8/5/22	S	1	SP 29-6'	22									
	8/5/22	S	1	SP 30-4'	23									
				SP 16-19'	24									

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: Jordan Ronder

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
Jordan Ronder	8-5-22			8-8-22	8-8-22
	8-8-22	415		8/9/22	10:15

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

Envirotech Analytical Laboratory

Printed: 8/9/2022 3:11:22PM

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:	08/09/22 10:15	Work Order ID:	E208057
Phone:	(575) 390-6397	Date Logged In:	08/09/22 10:39	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/10/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on COC.

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E208100
Job Number:	20046-0001
Received:	8/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/19/22

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

Date Reported: 8/19/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208100
Date Received: 8/18/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/18/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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Lynn Jarboe
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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/19/22 15:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP27 - 25'	E208100-01A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP27 - 30'	E208100-02A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP26 - 25'	E208100-03A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP25 - 25'	E208100-04A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP25 - 35'	E208100-05A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP25 - 40'	E208100-06A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP24 - 25'	E208100-07A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP24 - 35'	E208100-08A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP23 - 25'	E208100-09A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP23 - 35'	E208100-10A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP23 - 45'	E208100-11A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.
SP23 - 55'	E208100-12A	Soil	08/16/22	08/18/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP27 - 25'

E208100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.5 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*77.6 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**478**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP27 - 30'

E208100-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.7 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.7 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*129 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**323**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP26 - 25'

E208100-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**261**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP25 - 25'

E208100-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*77.6 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**16100**	400	20	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP25 - 35'

E208100-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*86.9 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**7900**	200	10	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP25 - 40'

E208100-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*74.2 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**249**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP24 - 25'

E208100-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*72.5 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**876**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP24 - 35'

E208100-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*65.8 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**328**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP23 - 25'

E208100-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*59.1 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**471**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP23 - 35'

E208100-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	**0.0275**	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*62.2 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**1090**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP23 - 45'

E208100-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*65.8 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**1280**	20.0	1	08/18/22	08/18/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

SP23 - 55'

E208100-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Benzene	ND	0.0250	1	08/18/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/18/22	08/19/22	
Toluene	ND	0.0250	1	08/18/22	08/19/22	
o-Xylene	ND	0.0250	1	08/18/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/18/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/18/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/18/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/18/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234083
Diesel Range Organics (C10-C28)	ND	25.0	1	08/18/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/18/22	08/19/22	
Surrogate: n-Nonane		*64.0 %*	*50-200*	*08/18/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234079
Chloride	**91.3**	20.0	1	08/18/22	08/18/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

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 (2234064-BLK1)									Prepared: 08/18/22 Analyzed: 08/19/22
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: Bromofluorobenzene	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.489*		*0.500*		*97.8*	*70-130*			
LCS (2234064-BS1)									Prepared: 08/18/22 Analyzed: 08/19/22
Benzene	2.21	0.0250	2.50		88.2	70-130			
Ethylbenzene	2.17	0.0250	2.50		86.7	70-130			
Toluene	2.13	0.0250	2.50		85.1	70-130			
o-Xylene	2.23	0.0250	2.50		89.0	70-130			
p,m-Xylene	4.87	0.0500	5.00		97.3	70-130			
Total Xylenes	7.09	0.0250	7.50		94.6	70-130			
Surrogate: Bromofluorobenzene	*0.548*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.459*		*0.500*		*91.7*	*70-130*			
Surrogate: Toluene-d8	*0.468*		*0.500*		*93.5*	*70-130*			
LCS Dup (2234064-BSD1)									Prepared: 08/18/22 Analyzed: 08/19/22
Benzene	2.23	0.0250	2.50		89.1	70-130	0.925	23	
Ethylbenzene	2.72	0.0250	2.50		109	70-130	22.7	27	
Toluene	2.21	0.0250	2.50		88.2	70-130	3.60	24	
o-Xylene	2.81	0.0250	2.50		112	70-130	23.2	27	
p,m-Xylene	5.46	0.0500	5.00		109	70-130	11.4	27	
Total Xylenes	8.27	0.0250	7.50		110	70-130	15.3	27	
Surrogate: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.2*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

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 (2234064-BLK1)									Prepared: 08/18/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.1*	*70-130*			
Surrogate: Toluene-d8	*0.489*		*0.500*		*97.8*	*70-130*			
LCS (2234064-BS2)									Prepared: 08/18/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.6	70-130			
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.504*		*0.500*		*101*	*70-130*			
LCS Dup (2234064-BSD2)									Prepared: 08/18/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130	7.88	20	
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.444*		*0.500*		*88.8*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

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 (2234083-BLK1)									Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*41.7*		*50.0*		*83.5*	*50-200*			
LCS (2234083-BS1)									Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	226	25.0	250		90.3	38-132			
Surrogate: n-Nonane	*34.7*		*50.0*		*69.4*	*50-200*			
Matrix Spike (2234083-MS1)				**Source: E208095-05**					Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	347	50.0	250	111	94.5	38-132			
Surrogate: n-Nonane	*35.0*		*50.0*		*70.0*	*50-200*			
Matrix Spike Dup (2234083-MSD1)				**Source: E208095-05**					Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	375	50.0	250	111	106	38-132	7.64	20	
Surrogate: n-Nonane	*39.0*		*50.0*		*78.1*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/19/2022 3:05:48PM

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 (2234079-BLK1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	ND	20.0							
LCS (2234079-BS1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	243	20.0	250		97.1	90-110			
LCS Dup (2234079-BSD1)									Prepared: 08/18/22 Analyzed: 08/19/22
Chloride	238	20.0	250		95.0	90-110	2.18	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/19/22 15:05

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: 11/4/2022 8:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 1 of 2

Client:	Tap Rock
Project:	Yucca Butterline
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W County Rd
City, State, Zip	Hobbs, NM
Phone:	390-6397
Email:	natalie.gladden

Lab Use Only

Lab WO# E208000 Job Number 20034-0001

TAT: 1D | 2D X | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
	8/16	Soil	1	SP27 - 25'	1	
				SP27 - 30'	2	
				SP26 - 25'	3	
				SP25 - 25'	4	
				SP25 - 35'	5	
				SP25 - 40'	6	
				SP24 - 25'	7	
				SP24 - 35'	8	
				SP23 - 25'	9	
				SP23 ~~300~~ 35'	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

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
	8/16/22			8-17-22	2130
	8-17-22	4:15		8/18/22	10:00

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Released to Imaging: 10/12/2022 8:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client: Taplock
Project: Jada 6 watkins
Project Manager:
Address:
City, State, Zip
Phone:
Email:
Report due by:

Bill To

Attention:
Address:
City, State, Zip Same
Phone:
Email:

Lab Use Only

Lab WO# E208100
Job Number 2004600001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

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
				SP23-45'	11									X				
				SP23-55'	12									X				

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
M Marquez	8/16/22			8-17-22	2:30
	Date	Time	Received by: (Signature)	Date	Time
	8-17-22	4:15		8/18/22	10:00
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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Envirotech Analytical Laboratory

Printed: 8/18/2022 10:40:36AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	08/18/22 10:00	Work Order ID:	E208100
Phone:	(575) 390-6397	Date Logged In:	08/17/22 16:31	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/19/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on COCpages 1 & 2. Page 2 of 2 on COC the date sampled was not provided.

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208105

Job Number: 20046-0001

Received: 8/19/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/22/22

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

Date Reported: 8/22/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208105
Date Received: 8/19/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/19/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Alexa Michaels
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ljarboe@envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/22/22 15:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP22-25'	E208105-01A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-30'	E208105-02A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-35'	E208105-03A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-40'	E208105-04A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-45'	E208105-05A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-50'	E208105-06A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-55'	E208105-07A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-60'	E208105-08A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP22-65'	E208105-09A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-25'	E208105-10A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-30'	E208105-11A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-35'	E208105-12A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-40'	E208105-13A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-45'	E208105-14A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-50'	E208105-15A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-55'	E208105-16A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-60'	E208105-17A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-65'	E208105-18A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-70'	E208105-19A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-75'	E208105-20A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-25'

E208105-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*76.9 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**5240**	100	5	08/19/22	08/22/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-30'

E208105-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*76.0 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**4860**	40.0	2	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-35'

E208105-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*76.2 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**3510**	40.0	2	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-40'

E208105-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**1760**	40.0	2	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-45'

E208105-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*94.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*83.0 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**3750**	40.0	2	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-50'

E208105-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*93.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*86.6 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**101**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-55'

E208105-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*89.3 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*92.2 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*89.3 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*92.2 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**768**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-60'

E208105-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*89.2 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*89.2 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*86.2 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**410**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP22-65'

E208105-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*85.6 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**344**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-25'

E208105-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.3 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**310**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-30'

E208105-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**7500**	100	5	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-35'

E208105-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*88.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*88.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*88.1 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**138**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-40'

E208105-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/19/22	
Surrogate: n-Nonane		*84.9 %*	*50-200*	*08/19/22*	*08/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**390**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-45'

E208105-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.2 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*81.8 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**6280**	100	5	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-50'

E208105-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**936**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-55'

E208105-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*83.7 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**663**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-60'

E208105-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*80.3 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**1270**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-65'

E208105-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*91.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*91.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*82.3 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**2280**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-70'

E208105-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*98.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*84.5 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**1920**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

SP21-75'

E208105-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2234098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234095
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*95.1 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234103
Chloride	**787**	20.0	1	08/19/22	08/20/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

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 (2234098-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
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: Bromofluorobenzene	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: Toluene-d8	*0.448*		*0.500*		*89.6*	*70-130*			
LCS (2234098-BS1)									Prepared: 08/19/22 Analyzed: 08/19/22
Benzene	2.19	0.0250	2.50		87.5	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.21	0.0250	2.50		88.3	70-130			
o-Xylene	2.63	0.0250	2.50		105	70-130			
p,m-Xylene	5.12	0.0500	5.00		102	70-130			
Total Xylenes	7.75	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
LCS Dup (2234098-BSD1)									Prepared: 08/19/22 Analyzed: 08/19/22
Benzene	2.06	0.0250	2.50		82.3	70-130	6.13	23	
Ethylbenzene	2.59	0.0250	2.50		104	70-130	0.464	27	
Toluene	2.04	0.0250	2.50		81.4	70-130	8.08	24	
o-Xylene	2.67	0.0250	2.50		107	70-130	1.53	27	
p,m-Xylene	5.15	0.0500	5.00		103	70-130	0.565	27	
Total Xylenes	7.81	0.0250	7.50		104	70-130	0.893	27	
Surrogate: Bromofluorobenzene	*0.601*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

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 (2234098-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.467*		*0.500*		*93.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: Toluene-d8	*0.448*		*0.500*		*89.6*	*70-130*			
LCS (2234098-BS2)									Prepared: 08/19/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.3	70-130			
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2234098-BSD2)									Prepared: 08/19/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.3	70-130	2.29	20	
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.458*		*0.500*		*91.6*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

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 (2234095-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.9*		*50.0*		*85.8*	*50-200*			
LCS (2234095-BS1)									Prepared: 08/19/22 Analyzed: 08/19/22
Diesel Range Organics (C10-C28)	230	25.0	250		92.1	38-132			
Surrogate: n-Nonane	*42.4*		*50.0*		*84.9*	*50-200*			
Matrix Spike (2234095-MS1)				**Source: E208105-08**					Prepared: 08/19/22 Analyzed: 08/19/22
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*50-200*			
Matrix Spike Dup (2234095-MSD1)				**Source: E208105-08**					Prepared: 08/19/22 Analyzed: 08/19/22
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	38-132	2.36	20	
Surrogate: n-Nonane	*44.1*		*50.0*		*88.2*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/22/2022 3:26:26PM

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 (2234103-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	ND	20.0							
LCS (2234103-BS1)									Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2234103-MS1)				**Source: E208105-01**					Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	6110	100	250	5240	347	80-120			M2
Matrix Spike Dup (2234103-MSD1)				**Source: E208105-01**					Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	5500	100	250	5240	106	80-120	10.4	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/22/22 15:26

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 1 of 5

Client:	TAPROCK
Project:	YADA B WATER LINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#: E208005

Job Number: 20044C0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State: NM X; CO; UT; AZ; TX

Analysis and Method

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
	8/17/22	S	1	SP22-25'	1									X				
				SP22-30'	2													
				SP22-35'	3													
				SP22-40'	4													
				SP22-45'	5													
				SP22-50'	6													
				SP22-55'	7													
				SP22-60'	8													
				SP22-65'	9													
				SP21-25'	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: MARVEL MAZ

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
	8/17/22			8-18-22	330
	8-18-22	4:15		8/19/22	1000

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 2 of 5

Client:	TAPROCK
Project:	YADA B WATERLINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO# E208105

Job Number 2004600001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

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
	8/17/22	S	1	SP21-30'	11									X				
				SP21-35'	12													
				SP21-40'	13													
				SP21-45'	14													
				SP21-50'	15													
				SP21-55'	16													
				SP21-60'	17													
				SP21-65'	18													
				SP21-70'	19													
				SP21-75'	20													

Additional Instructions:

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

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
	8/17/22			8-18-22	8:15
	8-18-22	4:15		8.19.22	1000

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

Envirotech Analytical Laboratory

Printed: 8/19/2022 11:29:11AM

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:	08/19/22 10:00	Work Order ID:	E208105
Phone:	(575) 390-6397	Date Logged In:	08/18/22 16:54	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	08/22/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on COC

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Water Line

Work Order: E208106

Job Number: 20046-0001

Received: 8/19/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/24/22

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

Date Reported: 8/24/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208106
Date Received: 8/19/2022 10:00:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/19/2022 10:00:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Technical Representative/Client Services
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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/24/22 17:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP21-80'	E208106-01A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-85'	E208106-02A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-95'	E208106-03A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP21-90'	E208106-04A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP20-25'	E208106-05A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP20-30'	E208106-06A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP20-35'	E208106-07A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP20-40'	E208106-08A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP20-50'	E208106-09A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP20-45'	E208106-10A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP19-25'	E208106-11A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP19-35'	E208106-12A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP19-45'	E208106-13A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP19-50'	E208106-14A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP18-20'	E208106-15A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP18-30'	E208106-16A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP18-40'	E208106-17A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP18-50'	E208106-18A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP18-60'	E208106-19A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP18-65'	E208106-20A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP17-20'	E208106-21A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP17-30'	E208106-22A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP17-40'	E208106-23A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP17-50'	E208106-24A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP17-60'	E208106-25A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.
SP17-70'	E208106-26A	Soil	08/17/22	08/19/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP21-80'

E208106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*90.4 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*83.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*90.4 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*83.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**1010**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP21-85'

E208106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*84.6 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**650**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP21-95'

E208106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*86.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*86.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*87.9 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**58.9**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP21-90'

E208106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*95.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*93.1 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**363**	20.0	1	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP20-25'

E208106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.4 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*80.6 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**3750**	40.0	2	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP20-30'

E208106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*93.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*85.1 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**3500**	40.0	2	08/19/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP20-35'

E208106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*95.5 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**1290**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP20-40'

E208106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*99.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*98.2 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**606**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP20-50'

E208106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*89.5 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*89.5 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*98.9 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**145**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP20-45'

E208106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*99.9 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*92.8 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**368**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP19-25'

E208106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*92.3 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**4160**	40.0	2	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP19-35'

E208106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*98.1 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*88.0 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**994**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP19-45'

E208106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*99.3 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*90.5 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**385**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP19-50'

E208106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*91.8 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**344**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP18-20'

E208106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**5720**	100	5	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP18-30'

E208106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**1130**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP18-40'

E208106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*85.0 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**849**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP18-50'

E208106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*89.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*89.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*96.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*93.4 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**669**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP18-60'

E208106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*90.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*98.1 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**628**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP18-65'

E208106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Benzene	ND	0.0250	1	08/19/22	08/22/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/22/22	
Toluene	ND	0.0250	1	08/19/22	08/22/22	
o-Xylene	ND	0.0250	1	08/19/22	08/22/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/22/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234099
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/22/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.6 %*	*70-130*	*08/19/22*	*08/22/22*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*08/19/22*	*08/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234094
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*99.4 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2234102
Chloride	**565**	20.0	1	08/19/22	08/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP17-20'

E208106-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*84.0 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234049
Chloride	**683**	20.0	1	08/17/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP17-30'

E208106-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*91.4 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234049
Chloride	**5530**	40.0	2	08/17/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP17-40'

E208106-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Benzene	ND	0.0250	1	08/19/22	08/19/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/19/22	
Toluene	ND	0.0250	1	08/19/22	08/19/22	
o-Xylene	ND	0.0250	1	08/19/22	08/19/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/19/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/19/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*08/19/22*	*08/19/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/19/22*	*08/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*92.1 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234049
Chloride	**1150**	20.0	1	08/17/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP17-50'

E208106-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*92.7 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234049
Chloride	**995**	20.0	1	08/17/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP17-60'

E208106-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*82.2 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234049
Chloride	ND	20.0	1	08/17/22	08/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

SP17-70'

E208106-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Benzene	ND	0.0250	1	08/19/22	08/20/22	
Ethylbenzene	ND	0.0250	1	08/19/22	08/20/22	
Toluene	ND	0.0250	1	08/19/22	08/20/22	
o-Xylene	ND	0.0250	1	08/19/22	08/20/22	
p,m-Xylene	ND	0.0500	1	08/19/22	08/20/22	
Total Xylenes	ND	0.0250	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2234100
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/19/22	08/20/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*08/19/22*	*08/20/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/19/22*	*08/20/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2234091
Diesel Range Organics (C10-C28)	ND	25.0	1	08/19/22	08/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/19/22	08/20/22	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*08/19/22*	*08/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2234049
Chloride	**91.1**	20.0	1	08/17/22	08/19/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234099-BLK1)									Prepared: 08/19/22 Analyzed: 08/20/22
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	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS (2234099-BS1)									Prepared: 08/19/22 Analyzed: 08/20/22
Benzene	1.96	0.0250	2.50		78.4	70-130			
Ethylbenzene	2.10	0.0250	2.50		83.8	70-130			
Toluene	1.93	0.0250	2.50		77.3	70-130			
o-Xylene	2.12	0.0250	2.50		84.9	70-130			
p,m-Xylene	4.13	0.0500	5.00		82.6	70-130			
Total Xylenes	6.25	0.0250	7.50		83.4	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.457*		*0.500*		*91.3*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
LCS Dup (2234099-BSD1)									Prepared: 08/19/22 Analyzed: 08/20/22
Benzene	2.07	0.0250	2.50		82.9	70-130	5.56	23	
Ethylbenzene	2.25	0.0250	2.50		90.1	70-130	7.27	27	
Toluene	2.07	0.0250	2.50		82.7	70-130	6.77	24	
o-Xylene	2.29	0.0250	2.50		91.5	70-130	7.51	27	
p,m-Xylene	4.43	0.0500	5.00		88.7	70-130	7.06	27	
Total Xylenes	6.72	0.0250	7.50		89.6	70-130	7.21	27	
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2234100-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
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: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2234100-BS1)									Prepared: 08/19/22 Analyzed: 08/22/22
Benzene	2.38	0.0250	2.50		95.2	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.9	70-130			
Toluene	2.37	0.0250	2.50		94.7	70-130			
o-Xylene	2.22	0.0250	2.50		88.7	70-130			
p,m-Xylene	4.44	0.0500	5.00		88.8	70-130			
Total Xylenes	6.66	0.0250	7.50		88.8	70-130			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*95.9*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS Dup (2234100-BSD1)									Prepared: 08/19/22 Analyzed: 08/22/22
Benzene	2.37	0.0250	2.50		94.8	70-130	0.463	23	
Ethylbenzene	2.37	0.0250	2.50		94.9	70-130	0.00	27	
Toluene	2.32	0.0250	2.50		93.0	70-130	1.85	24	
o-Xylene	2.23	0.0250	2.50		89.2	70-130	0.539	27	
p,m-Xylene	4.44	0.0500	5.00		88.8	70-130	0.0225	27	
Total Xylenes	6.67	0.0250	7.50		88.9	70-130	0.165	27	
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

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 (2234099-BLK1)									Prepared: 08/19/22 Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS (2234099-BS2)									Prepared: 08/19/22 Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.3	70-130			
Surrogate: Bromofluorobenzene	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.5*	*70-130*			
LCS Dup (2234099-BSD2)									Prepared: 08/19/22 Analyzed: 08/20/22
Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.5	70-130	12.1	20	
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

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 (2234100-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.480*		*0.500*		*96.0*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS (2234100-BS2)									Prepared: 08/19/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			
LCS Dup (2234100-BSD2)									Prepared: 08/19/22 Analyzed: 08/19/22
Gasoline Range Organics (C6-C10)	55.1	20.0	50.0		110	70-130	7.30	20	
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.3*	*70-130*			
Surrogate: Toluene-d8	*0.531*		*0.500*		*106*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

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 (2234091-BLK1)									Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*50-200*			
LCS (2234091-BS1)									Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	38-132			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.3*	*50-200*			
Matrix Spike (2234091-MS1)				**Source: E208101-07**					Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.3*	*50-200*			
Matrix Spike Dup (2234091-MSD1)				**Source: E208101-07**					Prepared: 08/18/22 Analyzed: 08/18/22
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	0.994	20	
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

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 (2234094-BLK1)									Prepared: 08/19/22 Analyzed: 08/20/22
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 (2234094-BS1)									Prepared: 08/19/22 Analyzed: 08/20/22
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*45.5*		*50.0*		*91.0*	*50-200*			
Matrix Spike (2234094-MS1)				**Source: E208106-16**					Prepared: 08/19/22 Analyzed: 08/20/22
Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.1	38-132			
Surrogate: n-Nonane	*28.7*		*50.0*		*57.5*	*50-200*			
Matrix Spike Dup (2234094-MSD1)				**Source: E208106-16**					Prepared: 08/19/22 Analyzed: 08/20/22
Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.2	38-132	1.23	20	
Surrogate: n-Nonane	*33.9*		*50.0*		*67.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

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 (2234049-BLK1)									Prepared: 08/17/22 Analyzed: 08/18/22
Chloride	ND	20.0							
LCS (2234049-BS1)									Prepared: 08/17/22 Analyzed: 08/18/22
Chloride	244	20.0	250		97.7	90-110			
LCS Dup (2234049-BSD1)									Prepared: 08/17/22 Analyzed: 08/18/22
Chloride	246	20.0	250		98.2	90-110	0.475	20	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 5:27:26PM

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 (2234102-BLK1)									Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	ND	20.0							
LCS (2234102-BS1)									Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	274	20.0	250		110	90-110			
Matrix Spike (2234102-MS1)				**Source: E208106-01**					Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	1310	20.0	250	1010	121	80-120			M2
Matrix Spike Dup (2234102-MSD1)				**Source: E208106-01**					Prepared: 08/19/22 Analyzed: 08/19/22
Chloride	1290	20.0	250	1010	112	80-120	1.78	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/24/22 17:27

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 3 of 5

Client:	TAPROCK
Project:	YADA B WATERLINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO# E208100 Job Number 20040000l

TAT

1D	2D	3D	Standard
	Y		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/17/22	S	1	SP21 - 80'	1									X				
				SP21 - 85'	2													
				SP21 - 90'	3													
				SP21 - 95'	4													
				SP20 - 25'	5													
				SP20 - 30'	6													
				SP20 - 35'	7													
				SP20 - 40'	8													
				SP20 - 45'	9													
				SP20 - 50'	10													

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/17/22			8-18-22	8:15
	8-18-22	4:15		8/19/22	1000

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

Released to Imaging: 11/1/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client:	TAPROCK
Project:	YADA B WATERLINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO# E208100 Job Number 20016000001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/17/22	S	1	SP 19-25'	11									X				
				SP 19-35'	12													
				SP 19-45'	13													
				SP 19-50'	14													
				SP 18-20'	15													
				SP 18-30'	16													
				SP 18-40'	17													
				SP 18-50'	18													
				SP 18-60'	19													
				SP 18-65'	20													

Additional Instructions:

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

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
	8/17/22			8-18-22	3:15
	8/18/22	4:15p		8.19.22	1000

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

Released to Imaging: 11/2/2022 11:22:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 5 of 5

Client:	TAProck
Project:	YADA B WATERLINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#: E208100 Job Number: 2004600001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	8/17/22	S	1	SP17 - 20'	21							X		
				SP17 - 30'	22									
				SP17 - 40'	23									
				SP17 - 50'	24									
				SP17 60'	25									
				SP17 70'	26									

Page 43 of 47

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 JR

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
	8/17/22			8-16-22	3:32
	8-16-22	4:15		8.19.22	1000

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.

Page 580 of 686

Envirotech Analytical Laboratory

Printed: 8/19/2022 11:37:06AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	08/19/22 10:00	Work Order ID:	E208106
Phone:	(575) 390-6397	Date Logged In:	08/18/22 17:09	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	08/22/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on COC

Client Instruction

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

Date

envirotech Inc.

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client:	TAProck
Project:	YADA B WATERLINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO# E208100 Job Number 20041000001

TAT

1D	2D	3D	Standard
	4		

EPA Program

CWA | SDWA | RCRA

State

NM	CO	UT	AZ	TX	
X					

Analysis and Method

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		1	Remarks
	8/17/22	S	1	SP21 - 80'	1									X				
				SP21 - 85'	2													8/24/22
				SP21 - ~~90~~ 95'	3													8/24/22
				SP21 - ~~95~~ 90'	4													
				SP20 - 25'	5													
				SP20 - 30'	6													
				SP20 - 35'	7													
				SP20 - 40'	8													
				SP20 - ~~45~~ 50'	9													8/24/22
				SP20 - ~~50~~ 45'	10													8/24/22

per Natalie Gladden

Deleted Metals per Natalie Gladden

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)	Date	Time	Received by: (Signature)	Date	Time
	8/17/22			8-18-22	8:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-18-22	4:15		8/19/22	1000
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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Client:	TAPROCK
Project:	YADA B WATERLINE
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO# E208100 Job Number 2004000001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
Y					

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
	8/17/22	S	1	SP 19-25'	11							X		
				SP 19-35'	12									
				SP 19-45'	13									
				SP 19-50'	14									
				SP 18-20'	15									
				SP 18-30'	16									
				SP 18 40'	17									
				SP 18-50'	18									
				SP 18-60'	19									
				SP 18-65'	20									

Additional Instructions:

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

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
	8/17/22			8-18-22	3:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-18-22	4:15p		8/19/22	1000
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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information

Chain of Custody

Page 5 of 5

Client: TAPROCK	
Project: YADA B WATERLINE	
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	575 390-6397
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#: E208100

Job Number: 2004600001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA

RCRA

State: NM X | 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
	8/17/22	S	1	SP17 - 20'	21									X				
				SP17 - 30'	22													
				SP17 - 40'	23													
				SP17 - 50'	24													
				SP17 60'	25													
				SP17 70'	26													

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 42

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
	8/17/22			8-18-22	3:32
	8-18-22	4:15		8/19/22	1000

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.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Water Line
Work Order:	E208118
Job Number:	20046-0001
Received:	8/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/24/22

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

Date Reported: 8/24/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Water Line
Workorder: E208118
Date Received: 8/23/2022 10:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/23/2022 10:50:00AM, under the Project Name: Yada B Water Line.

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

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/24/22 16:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP5 - 45'	E208118-01A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP5 - 55'	E208118-02A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP9 - 55'	E208118-03A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP10 - 25'	E208118-04A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP10 - 35'	E208118-05A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP-10 - 45'	E208118-06A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP10 - 50'	E208118-07A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP11 - 25'	E208118-08A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP11 - 35'	E208118-09A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP11 - 45'	E208118-10A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP11 - 50'	E208118-11A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 25'	E208118-12A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 35'	E208118-13A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 45'	E208118-14A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 55'	E208118-15A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 65'	E208118-16A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 75'	E208118-17A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP12 - 85'	E208118-18A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP13 - 35'	E208118-19A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP13 - 50'	E208118-20A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.
SP15 - 40'	E208118-21A	Soil	08/22/22	08/23/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP5 - 45'

E208118-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.9 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*71.9 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**1460**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP5 - 55'

E208118-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*70.8 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**914**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP9 - 55'

E208118-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*79.1 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**262**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP10 - 25'

E208118-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.3 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*77.6 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**5720**	40.0	2	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP10 - 35'

E208118-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*79.4 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**895**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP-10 - 45'

E208118-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*68.7 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**306**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP10 - 50'

E208118-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*76.7 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**322**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP11 - 25'

E208118-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*72.9 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**6820**	200	10	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP11 - 35'

E208118-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**1790**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP11 - 45'

E208118-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*78.7 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**542**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP11 - 50'

E208118-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*83.4 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**541**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 25'

E208118-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*75.7 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**965**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 35'

E208118-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*66.9 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**3960**	40.0	2	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 45'

E208118-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*83.4 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**6390**	100	5	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 55'

E208118-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*80.2 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**4270**	40.0	2	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 65'

E208118-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**631**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 75'

E208118-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*80.6 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**1310**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP12 - 85'

E208118-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.5 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*79.0 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**88.7**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP13 - 35'

E208118-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*74.9 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**4170**	40.0	2	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP13 - 50'

E208118-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235019
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/24/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/24/22	
Surrogate: n-Nonane		*80.9 %*	*50-200*	*08/23/22*	*08/24/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235016
Chloride	**136**	20.0	1	08/23/22	08/23/22	

Sample Data

Tap Rock	Project Name:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

SP15 - 40'

E208118-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2235014
Benzene	ND	0.0250	1	08/23/22	08/23/22	
Ethylbenzene	ND	0.0250	1	08/23/22	08/23/22	
Toluene	ND	0.0250	1	08/23/22	08/23/22	
o-Xylene	ND	0.0250	1	08/23/22	08/23/22	
p,m-Xylene	ND	0.0500	1	08/23/22	08/23/22	
Total Xylenes	ND	0.0250	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2235014
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/22	08/23/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*08/23/22*	*08/23/22*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*08/23/22*	*08/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2235020
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/22	08/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/22	08/23/22	
Surrogate: n-Nonane		*75.9 %*	*50-200*	*08/23/22*	*08/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2235007
Chloride	**217**	20.0	1	08/22/22	08/23/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235014-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
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	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
LCS (2235014-BS1)									Prepared: 08/23/22 Analyzed: 08/23/22
Benzene	2.19	0.0250	2.50		87.7	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.4	70-130			
Toluene	1.90	0.0250	2.50		76.1	70-130			
o-Xylene	2.05	0.0250	2.50		82.1	70-130			
p,m-Xylene	4.52	0.0500	5.00		90.4	70-130			
Total Xylenes	6.57	0.0250	7.50		87.6	70-130			
Surrogate: Bromofluorobenzene	*0.431*		*0.500*		*86.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.424*		*0.500*		*84.8*	*70-130*			
Matrix Spike (2235014-MS1)				**Source: E208112-03**					Prepared: 08/23/22 Analyzed: 08/23/22
Benzene	2.13	0.0250	2.50	ND	85.2	48-131			
Ethylbenzene	2.23	0.0250	2.50	ND	89.2	45-135			
Toluene	2.10	0.0250	2.50	ND	84.1	48-130			
o-Xylene	2.28	0.0250	2.50	ND	91.4	43-135			
p,m-Xylene	4.47	0.0500	5.00	ND	89.5	43-135			
Total Xylenes	6.76	0.0250	7.50	ND	90.1	43-135			
Surrogate: Bromofluorobenzene	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			
Matrix Spike Dup (2235014-MSD1)				**Source: E208112-03**					Prepared: 08/23/22 Analyzed: 08/23/22
Benzene	2.10	0.0250	2.50	ND	84.2	48-131	1.20	23	
Ethylbenzene	2.22	0.0250	2.50	ND	88.9	45-135	0.337	27	
Toluene	2.10	0.0250	2.50	ND	83.8	48-130	0.405	24	
o-Xylene	2.29	0.0250	2.50	ND	91.8	43-135	0.437	27	
p,m-Xylene	4.49	0.0500	5.00	ND	89.8	43-135	0.335	27	
Total Xylenes	6.78	0.0250	7.50	ND	90.4	43-135	0.369	27	
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235015-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
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	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS (2235015-BS1)									Prepared: 08/23/22 Analyzed: 08/23/22
Benzene	2.28	0.0250	2.50		91.4	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.9	70-130			
Toluene	2.21	0.0250	2.50		88.2	70-130			
o-Xylene	2.17	0.0250	2.50		86.7	70-130			
p,m-Xylene	4.35	0.0500	5.00		87.0	70-130			
Total Xylenes	6.52	0.0250	7.50		86.9	70-130			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.473*		*0.500*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
Matrix Spike (2235015-MS1)				**Source: E208118-01**					Prepared: 08/23/22 Analyzed: 08/24/22
Benzene	2.35	0.0250	2.50	ND	94.1	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.4	45-135			
Toluene	2.36	0.0250	2.50	ND	94.3	48-130			
o-Xylene	2.27	0.0250	2.50	ND	90.7	43-135			
p,m-Xylene	4.50	0.0500	5.00	ND	90.0	43-135			
Total Xylenes	6.77	0.0250	7.50	ND	90.3	43-135			
Surrogate: Bromofluorobenzene	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.520*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2235015-MSD1)				**Source: E208118-01**					Prepared: 08/23/22 Analyzed: 08/24/22
Benzene	2.25	0.0250	2.50	ND	89.9	48-131	4.63	23	
Ethylbenzene	2.28	0.0250	2.50	ND	91.2	45-135	5.54	27	
Toluene	2.20	0.0250	2.50	ND	87.9	48-130	6.98	24	
o-Xylene	2.13	0.0250	2.50	ND	85.3	43-135	6.13	27	
p,m-Xylene	4.24	0.0500	5.00	ND	84.8	43-135	5.93	27	
Total Xylenes	6.38	0.0250	7.50	ND	85.0	43-135	6.00	27	
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235014-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.461*		*0.500*		*92.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
LCS (2235014-BS2)									Prepared: 08/23/22 Analyzed: 08/23/22
Gasoline Range Organics (C6-C10)	38.1	20.0	50.0		76.1	70-130			
Surrogate: Bromofluorobenzene	*0.602*		*0.500*		*120*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.508*		*0.500*		*102*	*70-130*			
Matrix Spike (2235014-MS2)				**Source: E208112-03**					Prepared: 08/23/22 Analyzed: 08/23/22
Gasoline Range Organics (C6-C10)	38.2	20.0	50.0	ND	76.3	70-130			
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.1*	*70-130*			
Matrix Spike Dup (2235014-MSD2)				**Source: E208112-03**					Prepared: 08/23/22 Analyzed: 08/23/22
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	81.9	70-130	7.10	20	
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.470*		*0.500*		*93.9*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235015-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS (2235015-BS2)									Prepared: 08/23/22 Analyzed: 08/23/22
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
Matrix Spike (2235015-MS2)				**Source: E208118-01**					Prepared: 08/23/22 Analyzed: 08/24/22
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.523*		*0.500*		*105*	*70-130*			
Matrix Spike Dup (2235015-MSD2)				**Source: E208118-01**					Prepared: 08/23/22 Analyzed: 08/24/22
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130	0.577	20	
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235019-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.3*		*50.0*		*86.6*	*50-200*			
LCS (2235019-BS1)									Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	210	25.0	250		83.9	38-132			
Surrogate: n-Nonane	*38.2*		*50.0*		*76.5*	*50-200*			
Matrix Spike (2235019-MS1)				**Source: E208118-18**					Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.1	38-132			
Surrogate: n-Nonane	*38.8*		*50.0*		*77.5*	*50-200*			
Matrix Spike Dup (2235019-MSD1)				**Source: E208118-18**					Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.1	38-132	1.14	20	
Surrogate: n-Nonane	*41.8*		*50.0*		*83.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235020-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.9*		*50.0*		*79.8*	*50-200*			
LCS (2235020-BS1)									Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	213	25.0	250		85.3	38-132			
Surrogate: n-Nonane	*39.2*		*50.0*		*78.3*	*50-200*			
Matrix Spike (2235020-MS1)				**Source: E208118-21**					Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.9	38-132			
Surrogate: n-Nonane	*36.5*		*50.0*		*73.0*	*50-200*			
Matrix Spike Dup (2235020-MSD1)				**Source: E208118-21**					Prepared: 08/23/22 Analyzed: 08/23/22
Diesel Range Organics (C10-C28)	222	25.0	250	ND	89.0	38-132	0.159	20	
Surrogate: n-Nonane	*35.0*		*50.0*		*70.0*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235007-BLK1)									Prepared: 08/22/22 Analyzed: 08/24/22
Chloride	ND	20.0							
LCS (2235007-BS1)									Prepared: 08/22/22 Analyzed: 08/24/22
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2235007-MS1)				**Source: E208109-01**					Prepared: 08/22/22 Analyzed: 08/24/22
Chloride	264	20.0	250	ND	106	80-120			
Matrix Spike Dup (2235007-MSD1)				**Source: E208109-01**					Prepared: 08/22/22 Analyzed: 08/24/22
Chloride	259	20.0	250	ND	104	80-120	1.88	20	

QC Summary Data

Tap Rock	Project Name:	Yada B Water Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	8/24/2022 4:26:38PM

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 (2235016-BLK1)									Prepared: 08/23/22 Analyzed: 08/23/22
Chloride	ND	20.0							
LCS (2235016-BS1)									Prepared: 08/23/22 Analyzed: 08/23/22
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2235016-MS1)				**Source: E208118-01**					Prepared: 08/23/22 Analyzed: 08/23/22
Chloride	1740	20.0	250	1460	110	80-120			
Matrix Spike Dup (2235016-MSD1)				**Source: E208118-01**					Prepared: 08/23/22 Analyzed: 08/23/22
Chloride	1760	20.0	250	1460	120	80-120	1.35	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:	Yada B Water Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	08/24/22 16:26

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: 11/1/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 1 of 3

Client:	TAP ROCK
Project:	Yada B Waterline
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	3227 24 W. CR
City, State, Zip	Hobbs NM 88240
Phone:	575-390-6397
Email:	Natalie.Gladden

Lab Use Only

Lab WO#	Job Number
E208118	600460-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	8/22/22	S	1	SP5- 45'	1									X				
				SP5- 55'	2													
				SP9- 55'	3													
				SP10-25'	4													
				SP10- 35'	5													
				SP-10- 45'	6													
				SP10- 50'	7													
				SP 11-25'	8													
				SP11- 35'	9													
				SP 11- 45'	10													

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-22-22			8-22	2.45
	8-22-22	4.16		8/23/22	10:50

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 to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 2 of 3

Client:	TAP ROCK
Project:	Yada B Water Line
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2724 W CR
City, State, Zip	Hobbs NM 88240
Phone:	575 390-6397
Email:	Natalie Gladden

Lab Use Only

Lab WO#	Job Number
E208118	20046-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
		S	1	SP11-50'	11									X				
				SP12-25'	12													
				SP12-35'	13													
				SP12-45'	14													
				SP12-55'	15													
				SP12-65'	16													
				SP12-75'	17													
				SP12-85'	18													
				SP13-35'	19													
				SP13-50'	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:

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
	8.22.20			8-22-20	3:30
	8.22.20	4:17		8/23/20	10:50

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 to Imaging: 11/4/2022 7:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page 38 of 39

Client: Tap Rock LLC	Bill To
Project: Vaca B Waterline	Attention: ESS
Project Manager:	Address: 2724 W CR
Address:	City, State, Zip Hobbs NM 88240
City, State, Zip	Phone: 575 390 6397
Phone:	Email: Mveelic Gladden
Email:	
Report due by:	

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E208118	20046-0001		X				
							RCRA

State					
NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
		M	1	SP 15-40'	21									X				

Additional Instructions:

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

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
	8.22.22			8/22/22	2:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/22/22	4:15		8/23/22	10:50
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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Envirotech Analytical Laboratory

Printed: 8/23/2022 11:16:53AM

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:	08/23/22 10:50	Work Order ID:	E208118
Phone:	(575) 390-6397	Date Logged In:	08/22/22 16:47	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	08/24/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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 manager and time sampled not provided on COC pg 1, COC pg 2 & 3
Project manager, time sampled and date sampled not provided.

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden









5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name:	Yada B Waterline
Work Order:	E209085
Job Number:	20046-0001
Received:	9/17/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/20/22

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

Date Reported: 9/20/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Waterline
Workorder: E209085
Date Received: 9/17/2022 11:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/17/2022 11:50:00AM, under the Project Name: Yada B Waterline.

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

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/20/22 16:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP5 - 65'	E209085-01A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP9 - 30'	E209085-02A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP9 - 40'	E209085-03A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP9 - 50'	E209085-04A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP9 - 55'	E209085-05A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

SP5 - 65'

E209085-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.8 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*67.4 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239009
Chloride	**1360**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

SP9 - 30'

E209085-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.3 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*69.4 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239009
Chloride	**4500**	40.0	2	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

SP9 - 40'

E209085-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.3 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*69.4 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239009
Chloride	**861**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

SP9 - 50'

E209085-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.0 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*72.2 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239009
Chloride	**322**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

SP9 - 55'

E209085-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Benzene	ND	0.0250	1	09/17/22	09/18/22	
Ethylbenzene	ND	0.0250	1	09/17/22	09/18/22	
Toluene	ND	0.0250	1	09/17/22	09/18/22	
o-Xylene	ND	0.0250	1	09/17/22	09/18/22	
p,m-Xylene	ND	0.0500	1	09/17/22	09/18/22	
Total Xylenes	ND	0.0250	1	09/17/22	09/18/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2238084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/17/22	09/18/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.2 %*	*70-130*	*09/17/22*	*09/18/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239007
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*70.9 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239009
Chloride	**287**	20.0	1	09/19/22	09/19/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

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 (2238084-BLK1)									Prepared: 09/17/22 Analyzed: 09/18/22
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	*8.16*		*8.00*		*102*	*70-130*			
LCS (2238084-BS1)									Prepared: 09/17/22 Analyzed: 09/18/22
Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.25	0.0250	5.00		85.0	70-130			
Toluene	4.49	0.0250	5.00		89.7	70-130			
o-Xylene	4.34	0.0250	5.00		86.7	70-130			
p,m-Xylene	8.63	0.0500	10.0		86.3	70-130			
Total Xylenes	13.0	0.0250	15.0		86.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			
LCS Dup (2238084-BSD1)									Prepared: 09/17/22 Analyzed: 09/18/22
Benzene	5.49	0.0250	5.00		110	70-130	8.99	20	
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130	8.55	20	
Toluene	4.89	0.0250	5.00		97.8	70-130	8.56	20	
o-Xylene	4.72	0.0250	5.00		94.4	70-130	8.50	20	
p,m-Xylene	9.37	0.0500	10.0		93.7	70-130	8.17	20	
Total Xylenes	14.1	0.0250	15.0		93.9	70-130	8.28	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.15*		*8.00*		*102*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

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 (2238084-BLK1)									Prepared: 09/17/22 Analyzed: 09/18/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.15*		*8.00*		*76.9*	*70-130*			
LCS (2238084-BS2)									Prepared: 09/17/22 Analyzed: 09/18/22
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.60*		*8.00*		*82.5*	*70-130*			
LCS Dup (2238084-BSD2)									Prepared: 09/17/22 Analyzed: 09/18/22
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130	1.03	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.54*		*8.00*		*81.7*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

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 (2239007-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*36.0*		*50.0*		*72.0*	*50-200*			
LCS (2239007-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	209	25.0	250		83.5	38-132			
Surrogate: n-Nonane	*33.4*		*50.0*		*66.9*	*50-200*			
Matrix Spike (2239007-MS1)				**Source: E209084-21**					Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	263	25.0	250	36.0	90.9	38-132			
Surrogate: n-Nonane	*35.3*		*50.0*		*70.6*	*50-200*			
Matrix Spike Dup (2239007-MSD1)				**Source: E209084-21**					Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	252	25.0	250	36.0	86.2	38-132	4.57	20	
Surrogate: n-Nonane	*34.7*		*50.0*		*69.4*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/20/2022 4:08:37PM

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 (2239009-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	ND	20.0							
LCS (2239009-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2239009-MS1)				**Source: E209083-01**					Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	282	20.0	250	22.6	104	80-120			
Matrix Spike Dup (2239009-MSD1)				**Source: E209083-01**					Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	292	20.0	250	22.6	108	80-120	3.60	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:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/20/22 16:08

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

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page __ of __

Client:	Tap Rock
Project:	Moda 5 Waterline
Project Manager:	Christian Combs
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	EOD

Bill To

Attention:	Natalie Gladden
Address:	1724 NW County Road
City, State, Zip	Hobbs NM 88240
Phone:	575 390 6897
Email:	natalie@energystaffingllc.com, dakotah@energystaffingllc.com

Lab Use Only

Lab WO#	Job Number
E209085	20041D-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	9/15	S	1	SP5 - 65'	1									X				
	"	"	"	SP9 - 30'	2									"				
	"	"	"	SP9 - 40'	3									"				
	"	"	"	SP9 - 50'	4									"				
	"	"	"	SP9 - 55'	5									"				

Analysis and Method

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9-16-22			9-16-22	3:01
	9-16-22	4:15		9/17/22	11:50

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

Page 638 of 686

Envirotech Analytical Laboratory

Printed: 9/19/2022 8:52:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	09/17/22 11:50	Work Order ID:	E209085
Phone:	(575) 390-6397	Date Logged In:	09/16/22 16:49	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	09/20/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Time sampled 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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Waterline

Work Order: E209086

Job Number: 20046-0001

Received: 9/17/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/22/22

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

Date Reported: 9/22/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Waterline
Workorder: E209086
Date Received: 9/17/2022 11:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/17/2022 11:50:00AM, under the Project Name: Yada B Waterline.

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

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

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

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

Respectfully,

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Sample Summary

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/22/22 14:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP14 - 45'	E209086-01A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP14 - 55'	E209086-02A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP14 - 65'	E209086-03A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP14 - 75'	E209086-04A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP14 - 80'	E209086-05A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP13 - 30'	E209086-06A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP13 - 40'	E209086-07A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP5 - 80'	E209086-08A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP5 - 25'	E209086-09A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP5 - 35'	E209086-10A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP14 - 45'

E209086-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*78.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**2340**	40.0	2	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP14 - 55'

E209086-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.1 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**954**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP14 - 65'

E209086-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*78.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*81.5 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**276**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP14 - 75'

E209086-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.8 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*86.8 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**379**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP14 - 80'

E209086-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.4 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*84.2 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**77.3**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP13 - 30'

E209086-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.0 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*91.6 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**4160**	40.0	2	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP13 - 40'

E209086-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*79.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**1180**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP5 - 80'

E209086-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.3 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*88.4 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**145**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP5 - 25'

E209086-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*84.8 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**5580**	100	5	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

SP5 - 35'

E209086-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.7 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*83.6 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**4880**	100	5	09/19/22	09/19/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

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 (2239004-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
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	*7.91*		*8.00*		*98.9*	*70-130*			
LCS (2239004-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	3.94	0.0250	5.00		78.8	70-130			
Toluene	4.15	0.0250	5.00		83.1	70-130			
o-Xylene	4.03	0.0250	5.00		80.6	70-130			
p,m-Xylene	7.99	0.0500	10.0		79.9	70-130			
Total Xylenes	12.0	0.0250	15.0		80.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
LCS Dup (2239004-BSD1)									Prepared: 09/19/22 Analyzed: 09/19/22
Benzene	5.19	0.0250	5.00		104	70-130	11.2	20	
Ethylbenzene	4.40	0.0250	5.00		88.0	70-130	11.1	20	
Toluene	4.63	0.0250	5.00		92.6	70-130	10.9	20	
o-Xylene	4.48	0.0250	5.00		89.7	70-130	10.7	20	
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130	10.9	20	
Total Xylenes	13.4	0.0250	15.0		89.3	70-130	10.8	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.5*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

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 (2239004-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.67*		*8.00*		*83.4*	*70-130*			
LCS (2239004-BS2)									Prepared: 09/19/22 Analyzed: 09/19/22
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.71*		*8.00*		*83.9*	*70-130*			
LCS Dup (2239004-BSD2)									Prepared: 09/19/22 Analyzed: 09/19/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130	0.730	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.80*		*8.00*		*85.1*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

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 (2239017-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.5*		*50.0*		*95.1*	*50-200*			
LCS (2239017-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	*44.4*		*50.0*		*88.7*	*50-200*			
Matrix Spike (2239017-MS1)				**Source: E209086-09**					Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*41.4*		*50.0*		*82.7*	*50-200*			
Matrix Spike Dup (2239017-MSD1)				**Source: E209086-09**					Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.664	20	
Surrogate: n-Nonane	*44.0*		*50.0*		*88.1*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 2:05:30PM

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 (2239011-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	ND	20.0							
LCS (2239011-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2239011-MS1)				**Source: E209086-01**					Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	2640	40.0	250	2340	120	80-120			
Matrix Spike Dup (2239011-MSD1)				**Source: E209086-01**					Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	2680	40.0	250	2340	138	80-120	1.65	20	M2

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

Definitions and Notes

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/22/22 14:05

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page ___ of ___

Client: Tap Rock	
Project: Ojada B Waterline	
Project Manager: Christian Combs	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by: ESS	

Bill To

Attention: Natalie Gladden
Address: 2724 NW County Rd
City, State, Zip Hobbs NM 88240
Phone: 575-390-6397
Email: natalie@energystaffingllc.com
dakoatah@energystaffingllc.com

Lab Use Only

Lab WO# E209086 | Job Number 20046-0001

TAT

1D | 2D (X) | 3D | Standard

EPA Program

CWA | SDWA | RCRA

State

NM (X) | 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
	9/15	S	1	SP14-45'	1									X				
				SP14-55'	2													
				SP14-65'	3													
				SP14-75'	4													
				SP14-80'	5													
				SP13-30'	6													
				SP13-40'	7													
				SP13-50'	8													
				SP5-25'	9													
				SP5-35'	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: 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)	Date	Time	Received by: (Signature)	Date	Time
	9-16-22			9-16-22	3:00
	9-16-22	4:15		9/17/22	11:50

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

Envirotech Analytical Laboratory

Printed: 9/19/2022 8:54:36AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tap Rock	Date Received:	09/17/22 11:50	Work Order ID:	E209086
Phone:	(575) 390-6397	Date Logged In:	09/16/22 17:03	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	09/20/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Time sampled 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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
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 filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

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

Subcontract Laboratory

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.

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page __ of __

Client:	Tap Rock
Project:	Yada B Waterline
Project Manager:	Christian Combs
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	ESS

Bill To

Attention:	Natalie Gladden
Address:	2724 NW County Rd
City, State, Zip	Hobbs NM 88240
Phone:	575-390-6397
Email:	natalie@energystaffingllc.com dakoatah@energystaffingllc.com

Lab Use Only

Lab WO#	Job Number
E209086	30046-0001

TAT

1D	2D	3D	Standard
	X		

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
	9/15	S	1	SP14-45'	1							X		
	"	"	"	SP14-55'	2							"		
	"	"	"	SP14-65'	3							"		
	"	"	"	SP14-75'	4							"		
	"	"	"	SP14-80'	5							"		
	"	"	"	SP13-30'	6							"		
	"	"	"	SP13-40'	7							"		
	"	"	"	~~SP13-50'~~ SP5-80'	8							"		Corrected Sample Name per Natalie Gladden 9/22/22
	"	"	"	SP5-25'	9							"		
	"	"	"	SP5-35'	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: 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)	Date	Time	Received by: (Signature)	Date	Time
	9-16-22			9-16-22	3:00
	9-16-22	4:15	Courtney Choat	9/17/22	11:50

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

Report to:

Natalie Gladden



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tap Rock

Project Name: Yada B Waterline

Work Order: E209087

Job Number: 20046-0001

Received: 9/17/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/22/22

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

Date Reported: 9/22/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Yada B Waterline
Workorder: E209087
Date Received: 9/17/2022 11:50:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/17/2022 11:50:00AM, under the Project Name: Yada B Waterline.

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

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

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

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

Respectfully,

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

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

Alexa Michaels
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Office: 505-632-1881
labadmin@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/22/22 13:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP16 - 25'	E209087-01A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP16 - 35'	E209087-02A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP16 - 45'	E209087-03A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP16 - 55'	E209087-04A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP16 - 65'	E209087-05A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP15 - 25'	E209087-06A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP15 - 35'	E209087-07A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP15 - 40'	E209087-08A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP14 - 25'	E209087-09A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.
SP14 - 35'	E209087-10A	Soil	09/15/22	09/17/22	Glass Jar, 2 oz.

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP16 - 25'

E209087-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.6 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*88.9 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**2950**	40.0	2	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP16 - 35'

E209087-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*80.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**1330**	40.0	2	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP16 - 45'

E209087-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.3 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/19/22	
Surrogate: n-Nonane		*92.4 %*	*50-200*	*09/19/22*	*09/19/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**851**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP16 - 55'

E209087-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.1 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		*87.8 %*	*50-200*	*09/19/22*	*09/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**737**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP16 - 65'

E209087-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.6 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*09/19/22*	*09/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**346**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP15 - 25'

E209087-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.2 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*09/19/22*	*09/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**323**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP15 - 35'

E209087-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*09/19/22*	*09/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**235**	20.0	1	09/19/22	09/19/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP14 - 25'

E209087-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.3 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*09/19/22*	*09/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**2280**	40.0	2	09/19/22	09/20/22	

Sample Data

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

SP14 - 35'

E209087-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Benzene	ND	0.0250	1	09/19/22	09/19/22	
Ethylbenzene	ND	0.0250	1	09/19/22	09/19/22	
Toluene	ND	0.0250	1	09/19/22	09/19/22	
o-Xylene	ND	0.0250	1	09/19/22	09/19/22	
p,m-Xylene	ND	0.0500	1	09/19/22	09/19/22	
Total Xylenes	ND	0.0250	1	09/19/22	09/19/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2239004
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/22	09/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.9 %*	*70-130*	*09/19/22*	*09/19/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2239017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/22	09/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/22	09/20/22	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*09/19/22*	*09/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2239011
Chloride	**2960**	40.0	2	09/19/22	09/20/22	

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

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 (2239004-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
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	*7.91*		*8.00*		*98.9*	*70-130*			
LCS (2239004-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	3.94	0.0250	5.00		78.8	70-130			
Toluene	4.15	0.0250	5.00		83.1	70-130			
o-Xylene	4.03	0.0250	5.00		80.6	70-130			
p,m-Xylene	7.99	0.0500	10.0		79.9	70-130			
Total Xylenes	12.0	0.0250	15.0		80.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
LCS Dup (2239004-BSD1)									Prepared: 09/19/22 Analyzed: 09/19/22
Benzene	5.19	0.0250	5.00		104	70-130	11.2	20	
Ethylbenzene	4.40	0.0250	5.00		88.0	70-130	11.1	20	
Toluene	4.63	0.0250	5.00		92.6	70-130	10.9	20	
o-Xylene	4.48	0.0250	5.00		89.7	70-130	10.7	20	
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130	10.9	20	
Total Xylenes	13.4	0.0250	15.0		89.3	70-130	10.8	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.5*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

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 (2239004-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.67*		*8.00*		*83.4*	*70-130*			
LCS (2239004-BS2)									Prepared: 09/19/22 Analyzed: 09/19/22
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		97.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.71*		*8.00*		*83.9*	*70-130*			
LCS Dup (2239004-BSD2)									Prepared: 09/19/22 Analyzed: 09/19/22
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130	0.730	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.80*		*8.00*		*85.1*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

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 (2239017-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.5*		*50.0*		*95.1*	*50-200*			
LCS (2239017-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	*44.4*		*50.0*		*88.7*	*50-200*			
Matrix Spike (2239017-MS1)				**Source: E209086-09**					Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*41.4*		*50.0*		*82.7*	*50-200*			
Matrix Spike Dup (2239017-MSD1)				**Source: E209086-09**					Prepared: 09/19/22 Analyzed: 09/19/22
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.664	20	
Surrogate: n-Nonane	*44.0*		*50.0*		*88.1*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Yada B Waterline	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	9/22/2022 1:55:46PM

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 (2239011-BLK1)									Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	ND	20.0							
LCS (2239011-BS1)									Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2239011-MS1)				**Source: E209086-01**					Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	2640	40.0	250	2340	120	80-120			
Matrix Spike Dup (2239011-MSD1)				**Source: E209086-01**					Prepared: 09/19/22 Analyzed: 09/19/22
Chloride	2680	40.0	250	2340	138	80-120	1.65	20	M2

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

Definitions and Notes

Tap Rock	Project Name:	Yada B Waterline	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	09/22/22 13:55

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information | Chain of Custody | Page ___ of ___

Client: Tap Rock	Bill To
Project: Yoda B Waterline	Attention: Natalie Gladden
Project Manager: Christian Combs	Address: 2724 NW County Road
Address:	City, State, Zip Hobbs NM 88240
City, State, Zip	Phone: 575-390-6397
Phone:	Email: Natalie@energystaffingllc.com
Email:	dakoatah@energystaffingllc.com
Report due by: EOD	

Lab Use Only: Lab WO# E209087 | Job Number 20416-0001

TAT: 1D | 2D (X) | 3D | Standard

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
	9/15	S	1	SP16 - 25'	1	X	
				SP16 - 35'	2		
				SP16 - 45'	3		
				SP16 - 55'	4		
				SP16 - 65'	5		
				SP15 - 25'	6		
				SP15 - 35'	7		
				SP15 - 40'	8		
				SP14 - 25'	9		
				SP14 - 35'	10		

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9-15-22			9-16-22	3:15
	9-16-22	2:15		9/17/22	11:50

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

Envirotech Analytical Laboratory

Printed: 9/19/2022 8:56:42AM

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:	09/17/22 11:50	Work Order ID:	E209087
Phone:	(575) 390-6397	Date Logged In:	09/16/22 17:05	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	09/20/22 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	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Time sampled 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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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 filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

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

Subcontract Laboratory

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.

Released to Imaging: 11/4/2022 9:42:50 AM
Received by OCD: 10/12/2022 10:22:49 AM

Project Information (Chain of Cus(y Page (__ of ____

Client: Tap Rock	Bill To
Project: Yoda B waterline	Attention: Natalie Gladden
Project Manager: Christian Combs	Address: 2724 NW County Road
Address:	City, State, Zip Hobbs NM 88240
City, State, Zip	Phone: 575-390-6397
Phone:	Email: Natalie@energystaffingllc.com
Email:	dakoatah@energystaffingllc.com
Report due by: EOD	

Lab Use Only		TAT				EPA Program	
Lab WO# E209087	Job Number 20046-0001	1D	2D X	3D	Standard	CWA	SDWA
							RCRA

State: NM X | 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
	9/15	S	1	SP16 - 25'	1							X		
				SP16 - 35'	2									
				SP16 - 45'	3									
				SP16 - 55'	4									
				SP16 - 65'	5									
				SP15 - 25'	6									
				SP15 - 35'	7									
				SP15 - 40'	8									cancelled 9/22/22 Per. Natalie Gladden
				SP14 - 25'	9									
				SP14 - 35'	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: DM

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
	9-15-22			9-16-22	3:15
	9-16-22	2:45		9/17/22	11:50

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

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2220044047
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?	UNKNOWN (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☒ Field data
☒ Data table of soil contaminant concentration data
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ Boring or excavation logs
☒ Photographs including date and GIS information
☒ Topographic/Aerial maps
☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2220044047
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: 10-10-22

email: natalie@energystaffingllc.com Telephone: 575-390-6397

OCD Only

Received by: Jocelyn Harimon Date: 10/12/2022

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2220044047
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Env + Reg Director

Signature: Natalie Gladden Date: 10-10-22

email: natalie@energystaffingllc.com Telephone: 575-390-6397

OCD Only

Received by: Jocelyn Harimon Date: 10/12/2022

- [ ] Approved
- [x] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Jennifer Nobui Date: 11/04/2022

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 150383

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 150383
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. A variance has been approved in that 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. The installation of a liner installed at 4' has also been approved.	11/4/2022