Form C-141
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State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	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.

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State of New Mexico
Oil Conservation Division

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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: 3/13/22

email: natalie@energystaffingllc.com Telephone: 575-390-6397

OCD Only

Received by: _____ Date: _____

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State of New Mexico
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Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ 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: Director of Env + Reg.

Signature: Natalie Gladden Date: 3/13/22

email: Natalie@energystaffingllc.com Telephone: 575-390-0397

OCD Only

Received by: _____ Date: _____

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Jennifer Nobui Date: 07/20/2022

CONTEST FEDERAL COM #211H
REMEDIATION WORKPLAN REQUEST

API NO. 30-025-46678
LEGALS: U/L P, SECTION 9, TOWNSHIP 24S, RANGE 34E
LEA COUNTY, NEW MEXICO

DATE OF RELEASE: 10/04/2020
INCIDENT NO. NAPP2127930986

July 12, 2022

Prepared by:

2724 NW COUNTY ROAD
HOBBS, NM 88240

July 12th, 2022

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

Bureau of Land Management
C/O Jim Amos
620 E. Green Street
Carlsbad, NM 88220

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

Subject: Remediation Workplan Request for Tap Rock Operating – Contest Federal Com #211H

API No. 30-025-46678
Incident No. NAPP2127930986
Unit Letter P, Section 9, Township 24 South, Range 34 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 Contest Federal Com #211H (hereafter referred to as the "Contest"), for the produced water release that occurred on October 4th, 2021. ESS provided the immediate notification of the release to the *New Mexico Oil Conservation Division (NMOCD)*, District I Office and to the *Bureau of Land Management (BLM)*. Notification was submitted via email on October 6th, 2021, at 6:12 a.m. On behalf of Tap Rock Operating, ESS submitted the initial C141 Release Notification, along with the spill calculator form used to determine the volume of the release (attached) on same said date. The NMOCD and the BLM accepted the initial C141 as record on same said date and assigned the NMOCD Incident ID Number of NAPP2127930986 to this release (Attached). On October 6th, the BLM contacted ESS to research the area for an Arch Survey. The survey was cleared on March 2, 2022. (See email attached).

This report provided a detailed description of the spill assessment, delineation that was conducted and remedial plan at the Contest and demonstrates 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 from the NMOCD for the proposed remediation of the above-mentioned release.

Incident Description

On October 4th of 2021 at approximately 1 p.m., a release was found on a polyline due to a pinhole in the polyline. The fluid was released in the pasture. A vacuum truck was dispatched to the site, it was found that the fluid had soaked into the soil therefore, there was no fluid recovered.

ESS was notified immediately to conduct a full site assessment of the release. Upon arrival, the spill area was mapped out to measure the area of impact and initial site photos were obtained. With using the square footage of the release, Tap Rocks lost production was entered into the Spill Calculator Worksheet. An approximate total of 36.47bbls of produced water was released with no fluid recovery. The area of impact measured at 3,320 sq. ft. (Impact Map Attached)

Site Characterization

The release at the Contest occurred on private surface and BLM minerals. The site is located at, latitude 32.226089 and longitude of -103.468278, 19.3 miles northwest of Jal, New Mexico. The legal description is Unit Letter P, Section 9, Township 24 South, and Range 34 East, in Lea County. Please see the site map attached.

The Contest consists of oil and gas production leases, this release was found in the pasture near a ROW (Right-of-Way), under electrical lines. Elevation of this site is 3,532ft. This area historically, has been primarily dominated by black grama, dropseed, bush muhly and other perennial grasses. 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 Contest, consists of 100% Berino-Cacique Association, hummocky. (Soil Map Attached). In the area of the Contest, the *FEMA National Flood Hazard Layer* indicates that there is a 0.2% annual chance of a flood hazard in this area (see map attached).

There is "low potential" for Karst Geology to be present near the Contest site, according to the *United States Department of the Interior, Bureau of Land Management.* Please find the Karst Map attached herein.

There is no surface water located near or around the Contest release area. This 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 Contest 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 C03932 POD 13, the well was drilled in 2016, 1647' from the site, depth of the well is 90'bgs, but no water level data available. The next POD is C03943 POD1, was drilled in 2016, 2266' from the site, depth of well is 610' showing 431'bgs. C03932 POD3, drilled in 2006, 2947' from the site, depth of well is 100' with no water level data available. C03932 POD8, drilled in 2016, 3219' from the site, depth of well is 72' with no water level data available. An extended groundwater search was conducted using the *OSE POD Location Mapping* System and it has been determined that, no well exists within a ½ a mile radius of the Contest release. ESS has requested permission from Quill ranch to drill a borehole between the Contest Federal Com 211H well and the release point, but access was denied. ConocoPhillips leases the land and ESS requested permission to drill a borehole, as directed by the Quill ranch and approval was not granted. 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 and Federal Minerals 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 Contest 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

On October 4th of 2021, ESS staff was dispatched out to the Contest release site, to complete a full site assessment of the release. Initial site photos were obtained, impact area was measured, and the following information was observed:

- The release was found in the pasture area due to a 4" surface poly line.
- The line was needed to be replaced due to visual worn areas. Line was immediately shut in.
- The release area is near a two-track road and flows underneath electrical ROW and lines.

- The hole in the line that released the fluid was at the bottom of the line up against the surface of the ground.
- The impacted area from the release onto the surface of the pasture area measured 3,320 sq. ft.

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

On November 15, ESS crews began the delineation process. The delineation of the site began by use of hand-auger, until it was determined that the release discovered at the Contest had been leaking for some time and eventually surfaced. A total of (17) vertical sample points were placed, and GPS Points were set and mapped along with (17) horizontal side walls. The surface samples that were obtained were field tested and submitted to Envirotech Laboratories for confirmation. Below you will find the confirmed surface sample analysis.

SURFACE LAB ANALYSIS

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	SURFACE	>4000	ND	ND	ND	ND	ND	ND	10800
SP2	SURFACE	>4000	ND	ND	ND	ND	ND	ND	14200
SP3	SURFACE	>4000	ND	ND	ND	ND	ND	ND	8160
SP4	SURFACE	>4000	1300	ND	ND	747	536	1283	16700
SP5	SURFACE	>4000	ND	ND	ND	ND	ND	ND	4220
SP6	SURFACE	>4000	<1000	ND	ND	164	151	315	19400
SP7	SURFACE	>4000	ND	ND	ND	ND	ND	ND	30700
SP8	SURFACE	>4000	ND	ND	ND	ND	ND	ND	12600
SP9	SURFACE	>4000	ND	ND	ND	ND	ND	ND	5140
SP10	SURFACE	>4000	ND	ND	ND	ND	ND	ND	12900
SP11	SURFACE	>4000	ND	ND	ND	ND	ND	ND	7320
SP12	SURFACE	>4000	ND	ND	ND	67.5	64.7	132.2	45000
SP13	SURFACE	>4000	ND	ND	ND	26.2	ND	26.2	10400
SP14	SURFACE	>4000	ND	ND	ND	ND	ND	ND	30800
SP15	SURFACE	480	ND	ND	ND	ND	ND	ND	ND
SP16	SURFACE	400	ND	ND	ND	ND	ND	ND	60.3
SP17	SURFACE	>4000	ND	ND	ND	ND	ND	ND	16800

ESS crews continued to delineate the site by use of a hand auger due to the overhead powerlines. ESS met with the I&E Department for Tap Rock. At this time, we were given clearance to excavate the sample points by use of hand auger and track-hoe. ESS crews delineated both horizontally and vertically. Samples were obtained and field evaluated. Once the bottom hole samples were clear of contaminates, they were jarred and submitted to Envirotech Laboratories for confirmation. Please find the vertical delineation field data along with the confirmed lab analysis:

VERTICAL BOTTOM HOLE SAMPLES

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SP1	5'	400	ND	ND	ND	ND	ND	ND	125
SP2B	5'	80	ND	ND	ND	ND	ND	ND	ND
SP2B	10'	200	ND	ND	ND	ND	ND	ND	156
SP2	13'	240	ND	ND	ND	ND	ND	ND	233
SP3B	5'	80	ND	ND	ND	ND	ND	ND	ND
SP3B	10'	1000	ND	ND	ND	ND	ND	ND	990
SP3B	15'	>4000	ND	ND	ND	ND	ND	ND	8310
SP3	21'	400	ND	ND	ND	ND	ND	ND	321
SP4B	5'	>4000	ND	ND	ND	ND	ND	ND	7970
SP4B	10'	>4000	ND	ND	ND	ND	ND	ND	7380
SP4B	15'	>4000	ND	ND	ND	ND	ND	ND	7320
SP4B	20'	3600	ND	ND	ND	ND	ND	ND	3330
SP4	25'	160	ND	ND	ND	ND	ND	ND	199
SP5	3'	320	ND	ND	ND	ND	ND	ND	330
SP6B	5'	>4000	ND	ND	ND	ND	ND	ND	7230
SP6B	10'	>4000	ND	ND	ND	ND	ND	ND	7510
SP6B	15'	>4000	ND	ND	ND	ND	ND	ND	7030
SP6B	20'	1380	ND	ND	ND	ND	ND	ND	1410
SP6	24'	40	ND	ND	ND	ND	ND	ND	40
SP7B	5'	>4000	ND	ND	ND	ND	ND	ND	8400
SP7B	10'	>4000	ND	ND	ND	ND	ND	ND	8370
SP7B	15'	400	ND	ND	ND	ND	ND	ND	371
SP7	19'	80	ND	ND	ND	ND	ND	ND	68.3
SP8	3'	500	ND	ND	ND	ND	ND	ND	499
SP9	3'	420	ND	ND	ND	ND	ND	ND	406
SP10	3'	400	ND	ND	ND	ND	ND	ND	358
SP11	5'	540	ND	ND	ND	ND	ND	ND	544
SP12B	5'	>4000	ND	ND	ND	ND	ND	ND	8480
SP12B	10'	>4000	ND	ND	ND	ND	ND	ND	7010
SP12B	15'	2000	ND	ND	ND	ND	ND	ND	1720
SP12B	18'	800	ND	ND	ND	25.5	ND	25.5	774
SP12	22'	60	ND	ND	ND	ND	ND	ND	ND
SP13B	5'	>4000	ND	ND	ND	ND	ND	ND	6720
SP13B	10'	40	ND	ND	ND	ND	ND	ND	20
SP13B	18'	860	ND	ND	ND	ND	ND	ND	803
SP13	22'	40	ND	ND	ND	ND	ND	ND	ND
SP14B	5'	>4000	ND	ND	ND	ND	ND	ND	4860
SP14B	10'	3500	ND	ND	ND	ND	ND	ND	3530

SP14B	15'	1500	ND	ND	ND	ND	ND	ND	1390
SP14	19'	60	ND	ND	ND	ND	ND	ND	ND
SP15	3'	460	ND	ND	ND	ND	ND	ND	466
SP16B	5'	4000	ND	ND	ND	ND	ND	ND	3840
SP16	9'	160	ND	ND	ND	ND	ND	ND	ND
SP17B	5'	>4000	ND	ND	ND	ND	ND	ND	9070
SP17	9'	400	ND	ND	ND	ND	ND	ND	ND

** Please note that the sample id's that contain a B, were requested by the NMOCD** Crews went back out to the site to obtain samples in 5' increments, field tested and submitted to Envirotech Lab's for confirmation.

The impact area was then delineated horizontally, the samples were obtained, and field evaluated. Please find the field sample data and lab analysis below and attached to this report:

HORIZONTAL DELINEATION SAMPLE DATA

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL
SW1	SURFACE	3200	ND	ND	ND	ND	ND	ND	3500
SW1	6'	32	ND	ND	ND	ND	ND	ND	32.4
SW2	SURFACE	100	ND	ND	ND	ND	ND	ND	90.3
SW2	2'	40	ND	ND	ND	ND	ND	ND	ND
SW3	SURFACE	40	ND	ND	ND	ND	ND	ND	20.5
SW3	2'	40	ND	ND	ND	ND	ND	ND	ND
SW4	SURFACE	200	ND	ND	ND	ND	ND	ND	148
SW4	2'	20	ND	ND	ND	ND	ND	ND	ND
SW5	SURFACE	60	ND	ND	ND	ND	ND	ND	ND
SW5	2'	20	ND	ND	ND	ND	ND	ND	ND
SW6	SURFACE	>4000	ND	ND	ND	ND	ND	ND	5820
SW6	2'	40	ND	ND	ND	ND	ND	ND	ND
SW7	SURFACE	40	ND	ND	ND	ND	ND	ND	ND
SW7	2'	40	ND	ND	ND	ND	ND	ND	ND
SW8	SURFACE	640	ND	ND	ND	ND	ND	ND	500
SW8	2'	60	ND	ND	ND	ND	ND	ND	ND
SW9	SURFACE	2300	ND	ND	ND	ND	ND	ND	2340
SW9	2'	20	ND	ND	ND	ND	ND	ND	ND
SW10	SURFACE	4000	ND	ND	ND	ND	ND	ND	3750
SW10	2'	40	ND	ND	ND	ND	ND	ND	ND
SW11	SURFACE	400	ND	ND	ND	ND	ND	ND	430
SW11	2'	ND	ND	ND	ND	ND	ND	ND	ND
SW12	SURFACE	>4000	ND	ND	ND	ND	ND	ND	16100
SW12	4'	40	ND	ND	ND	ND	ND	ND	22.7

SW13	SURFACE	40	ND	ND	ND	ND	ND	ND	22.7
SW13	2'	ND	ND	ND	ND	ND	ND	ND	ND
SW14	SURFACE	40	ND	ND	ND	ND	ND	ND	ND
SW14	2'	ND	ND	ND	ND	ND	ND	ND	ND
SW15	SURFACE	800	ND	ND	ND	ND	ND	ND	705
SW15	2'	ND	ND	ND	ND	ND	ND	ND	ND
SW16	SURFACE	>4000	ND	ND	ND	ND	ND	ND	6200
SW16	2'	20	ND	ND	ND	ND	ND	ND	20.9
SW17	SURFACE	>4000	ND	ND	ND	ND	ND	ND	13000
SW17	3'	60	ND	ND	ND	ND	ND	ND	63.1

During the horizontal sidewall delineation, it was found that SW1 did not clean up therefore SP16 was positioned, and then further horizontal delineation was completed until a clean sidewall was located.

Extension Request

On December 20th, 2021, ESS requested an extension for the delineation portion of the process. On the 23rd of December, the extension request was approved to February 4th of 2022. At this time, we attempted to obtain approval from the landowner to drill a borehole to determine depth to groundwater. Another email was sent to the NMOCD to obtain another extension and this extension was denied on February 1st, 2022. We were given 30 days to submit a remediation or closure plan. Upon generating the remediation workplan it was observed that ESS was missing some final sample data, therefore another request was submitted and granted on March 2nd, extending the timeframe to March 17th. Please find the extension emails attached to this report.

Conclusion, Remediation Workplan Request

After the delineation process was completed, it was determined that a borehole needed to be drilled to find the exact level of the water table. At this time, ESS reached out to the landowner for permission to drill a borehole near the release. This request was denied, and we were referred to ConocoPhillips as they lease the surface rights. Permission to drill was never approved.

The impacted area of the Contest has been fully delineated to the site characterization protocol for this area. The original surface impact area measured 3,320 sq. ft., after the site was fully delineated the impact area is 8,301 sq. ft. due to both horizonal and vertical migration of contaminates. This indicates that the line was leaking for some time before it surfaced. The impacted area was excavated to 4'bgs and hauled to Owl Disposal. A total of 1,232 cubic yards

of contaminated soil was excavated, loaded, and hauled to disposal. At this time Tap Rock and ESS would like to request the following:

- Obtain final composite samples at the 4' excavation depth, utilizing a variance in the composite square footage to 500 sq. ft. per composite, which would be a total of 17 vertical bottom composites and 12 horizontal sidewall composites, instead of the standard 200 sq. ft. composite protocol. Five samples will be obtained per composite and individually assessed in the field, then combined for the final composite sample.
- Install a 40-mil liner at the bottom of the excavation and up the sidewalls of the excavation and capped in on the outside of the excavation at 4' below ground surface.
- An approximate total of 1,500 cubic yards of topsoil will be brought to the site for backfill.
- After backfilling of the site is complete, the disturbed area will be tilled and seeded with BLM #3 seed. This area will be watered down to ensure that proper vegetation is obtained.
- A final closure report will be submitted to the NMOCD and BLM upon completion of the remediation if approved.

This request is presented to the NMOCD and the BLM, as we are restricted in access between the two ROW's and the power lines around the area of impact. We will not be able to obtain OSHA benching protocol due to the lines in the ROW for the depths of contamination and the electrical/power poles, which will also restrict proper benching around the edges of the excavation.

On April 25th, ESS received a denial of the original workplan due to OCD wanting lab analysis in the areas where contamination was deep under the liner placement. Find Email Attached. ESS crews went backout to the site to obtain the samples that were requested, they were field tested and submitted to Envirotech Laboratories for confirmation. Please find the lab analysis attached herein.

On behalf of Tap Rock, this site has been fully delineated and excavated to 4'bgs, then will be lined with a 40-mil liner, backfilled, and seeded to ensure proper vegetation. The site is prepped for the polyurethane liner installation. This remediation will be done immediately upon approval of this workplan.

Thank you in advance for allowing the extension for the full delineation of this site. If you have any questions or concerns about the above remediation workplan, please contact the undersigned.

Sincerely,

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

Attachments:

- Spill Notification
- Initial C141 and Spill Calculator Form
- Impact Map
- Initial Site Photos
- Site Map
- Rangeland and Vegetation Classification
- Soil Map
- FEMA National Flood Hazard Layer Map
- Karst Geology Map
- Surface Water Map
- Groundwater Information
- Groundwater Map
- OSE POD Map
- Extension Emails
- Delineation Sample Data (including inserts for Surface and Final Lab Analysis)
- Delineation Sample Map
- Lab Analysis (including additional labs for delineation)
- Delineation Site Photos
- Excavation Site Map
- Excavation Site Photos
- Work-plan Denial Email
- Remediation Plan C141

Natalie Gladden

From: natalie@energystaffingllc.com
Sent: Wednesday, October 6, 2021 7:12 AM
To: 'ocdonline, emnrd, EMNRD'; CFO_Spill, BLM_NM; Bratcher, Mike, EMNRD; robert.hamlet@state.nm.us; 'Hensley, Chad, EMNRD'; Amos, James A
Cc: 'Christian Combs'
Subject: Tap Rock - Contest Federal Com #211H Release Notification

Importance: High

All,

On Monday October 4th, 2021; at approximately 1PM, a release was found on a poly line. Approximately 36.47bbls of produced water was released in the pasture area, with no recovery. A C141 will be submitted shortly following this email notification.

Thank you, if you have any questions please feel free to contact me at any time.

Natalie Gladden

Director of Environmental and Regulatory Services
Energy Staffing Services, LLC.
#7 Compress Rd
Artesia, NM 88210
Cell: 575-390-6397
Email: natalie@energystaffingllc.com

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party **Tap Rock Operating**	OGRID **372043**
Contact Name **Christian Combs**	Contact Telephone **(720) 360-4028**
Contact email **ccombs@taprk.com**	Incident # *(assigned by OCD)*
Contact mailing address **523 Park Point Dr. #200**	

Location of Release Source

Latitude **32.226089** Longitude **-103.468278**
(NAD 83 in decimal degrees to 5 decimal places)

Site Name **Contest Federal Com #211H**	Site Type **Production**
Date Release Discovered **10/4/2020**	API# *(if applicable)* ***30-025-46678***

Unit Letter	Section	Township	Range	County
P	**9**	**24S**	**34E**	**Lea**

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) **36.47**	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
A pinhole was found in the poly line causing the release. A vacuum truck was sent out and fluid had soaked in therefore, there was no fluid recovered. Line was replaced.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? **Over 25bbls released**
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? **Reported by Natalie Gladden w/ESS by email on 10/6/21. Email was sent to the BLM and OCD.**	

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: **Natalie Gladden** Title: **Director of Environmental and Regulatory**

Signature: Natalie Gladden Date: 10/6/21

email: **natalie@energystaffingllc.com** Telephone: **575-390-6397**

OCD Only

Received by: Date:

Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15	10	10	0.083	8.3	0.22	Clay
Peat	0.40	10	10	0.083	8.3	0.59	Peat
Glacial Sediments	0.13	10	10	0.083	8.3	0.19	Glacial Sediments
Sandy Clay	0.12	10	10	0.083	8.3	0.18	Sandy Clay
Silt	0.16	10	10	0.083	8.3	0.24	Silt
Loess	0.25	10	10	0.083	8.3	0.37	Loess
Fine Sand	0.16	127.6	40.09	0.25	1278.871	36.47	Fine Sand
Medium Sand	0.25	10	10	0.083	8.3	0.37	Medium Sand
Coarse Sand	0.26	10	10	0.083	8.3	0.38	Coarse Sand
Gravely Sand	0.26	10	10	0.083	8.3	0.38	Gravely Sand
Fine Gravel	0.26	10	10	0.083	8.3	0.38	Fine Gravel
Medium Gravel	0.20	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.

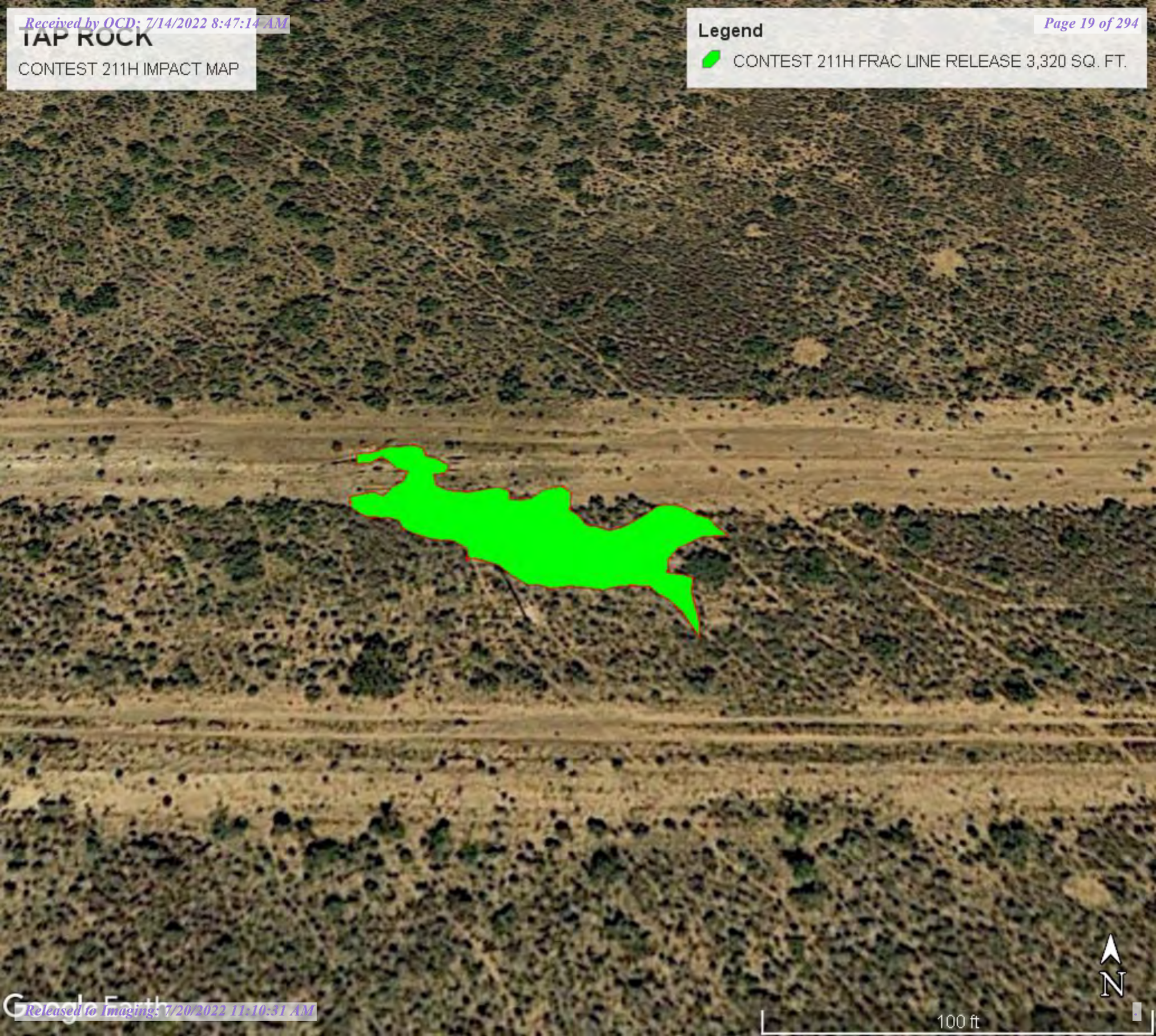
Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

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

TAP ROCK

CONTEST 211H IMPACT MAP



TAP ROCK RESOURCES
CONTEST 211H FRAC LINE


Contest 211
h frac line
04Oct21 14:55 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:55:48


04Oct21 14:53 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:53:54


Contest 211
h frac line
04Oct21 14:52 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:52:58

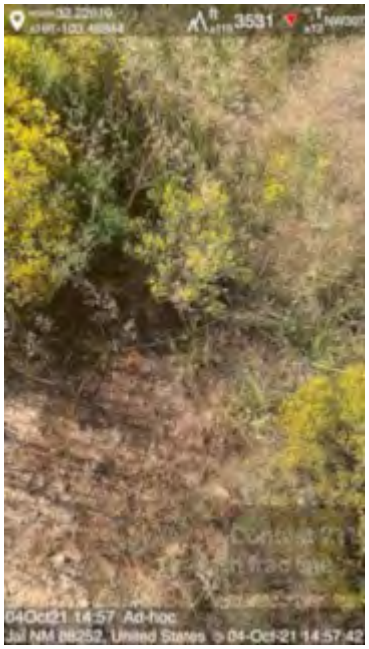

Contest 211
h frac line
04Oct21 14:54 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:54:38


3532
04Oct21 14:55 Ad-hoc


3528
04Oct21 14:56 Ad-hoc


3531
04Oct21 14:56 Ad-hoc


3930
04Oct21 14:57 Ad-hoc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3524
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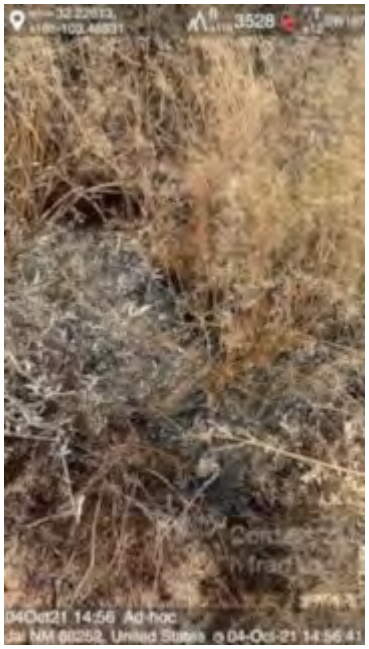

3528
04Oct21 14:56 Ad-hoc


3531
E81
04Oct21 14:58 Ad-hoc


3528
04Oct21 14:56 Ad-hoc


3528
04Oct21 14:57 Ad-hoc


3531
04Oct21 14:57 Ad-hoc


3531
04Oct21 14:57 Ad-hoc


3529
E90
04Oct21 14:58 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:58:54


3528
E87
04Oct21 14:59 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:59:21

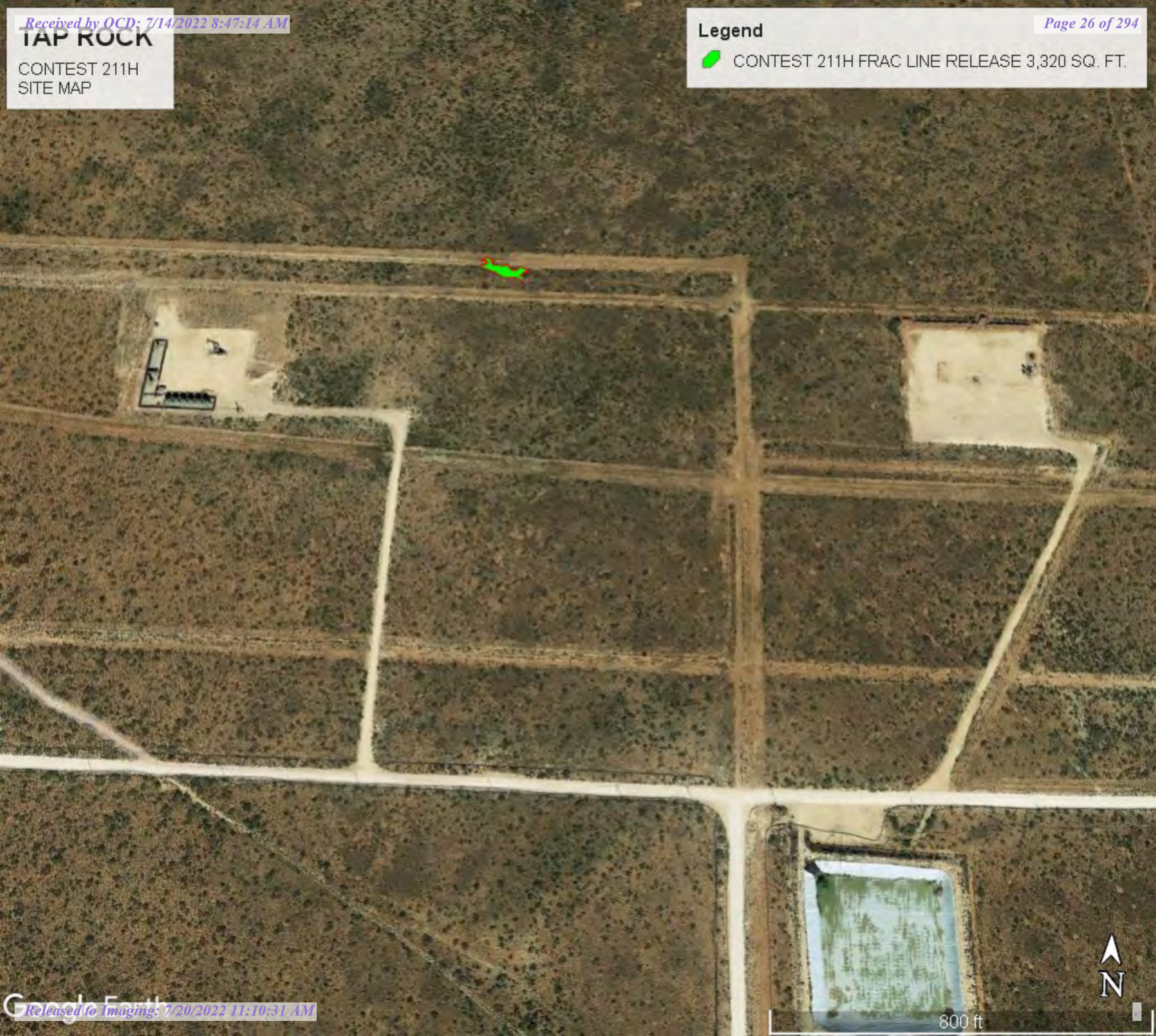

3531
E82
04Oct21 14:53 Ad-hoc
Jal NM 88252, United States 04-Oct-21 14:53:27

TAP ROCK

CONTEST 211H
SITE MAP

Legend

CONTEST 211H FRAC LINE RELEASE 3,320 SQ. FT.



Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

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

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

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

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

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

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

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

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

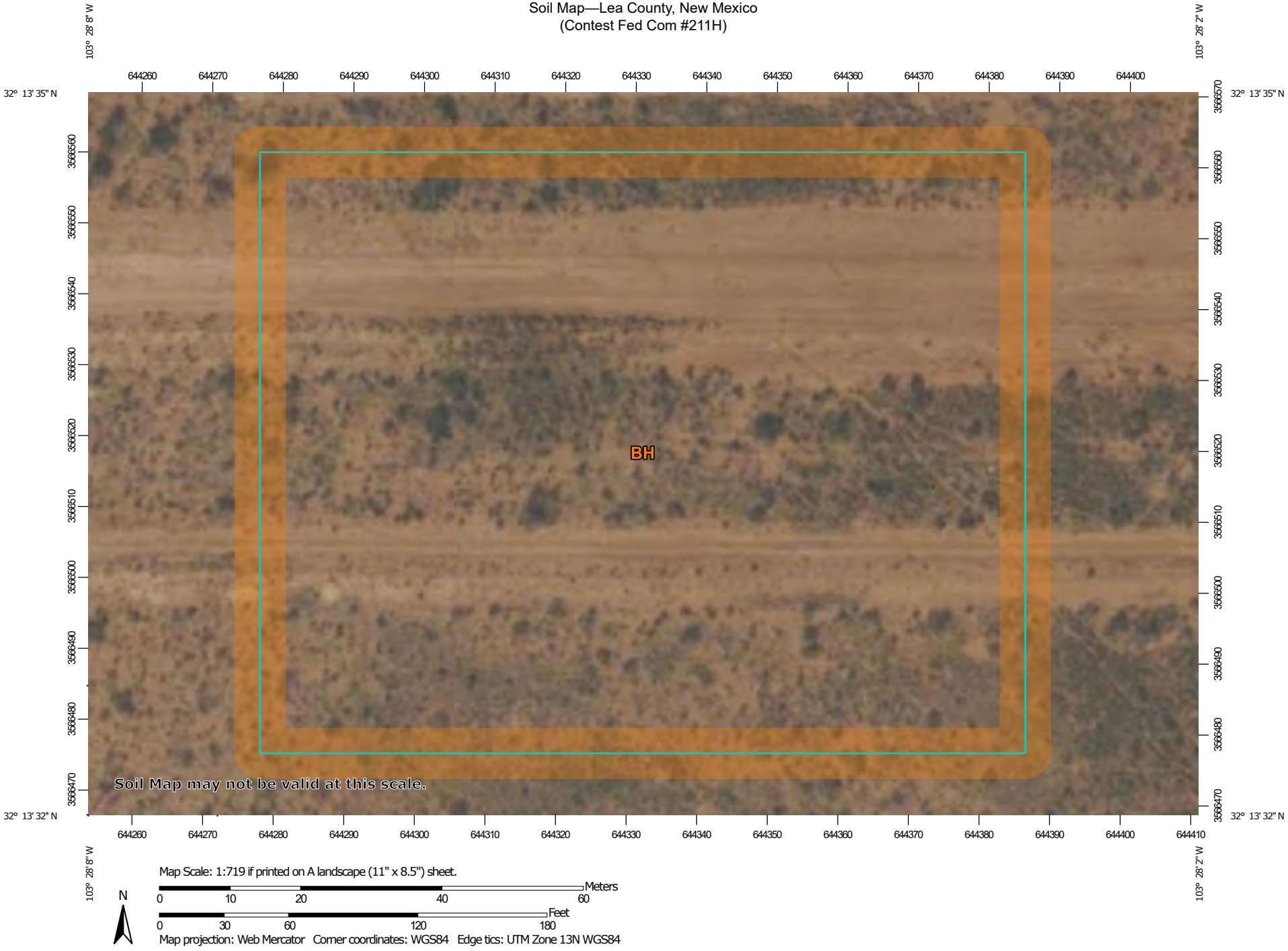
Report—Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition

Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition–Lea County, New Mexico								
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*	
BH—Berino-Cacique association, hummocky								
Berino	Loamy Sand (R042XC003NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					soaptree yucca	5		
					threeawn	5		
Cacique	Sandy (R042XC004NM)	650	—	225	black grama	25		
					dropseed	15		
					other perennial grasses	15		
					bush muhly	10		
					annual grasses	5		
					cane bluestem	5		
					other shrubs	5		
					other annual forbs	5		
					other perennial forbs	5		
					threeawn	5		
					yucca	5		

Data Source Information

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

Soil Map—Lea County, New Mexico
(Contest Fed Com #211H)



Soil Map—Lea County, New Mexico
(Contest Fed Com #211H)

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	2.3	100.0%
Totals for Area of Interest		**2.3**	**100.0%**

National Flood Hazard Layer FIRMette

FEMA

103°28'25"W 32°13'49"N

103°27'47"W 32°13'19"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 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

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 2/28/2022 at 5:56 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

TAP ROCK

CONTEST 211H KARST MAP

Legend

- CONTEST FEDERAL COM #211H LINE LEAK
- High
- Low
- Medium

CONTEST FEDERAL COM #211H LINE LEAK

Eunice

Jal

Bennett

Kermit

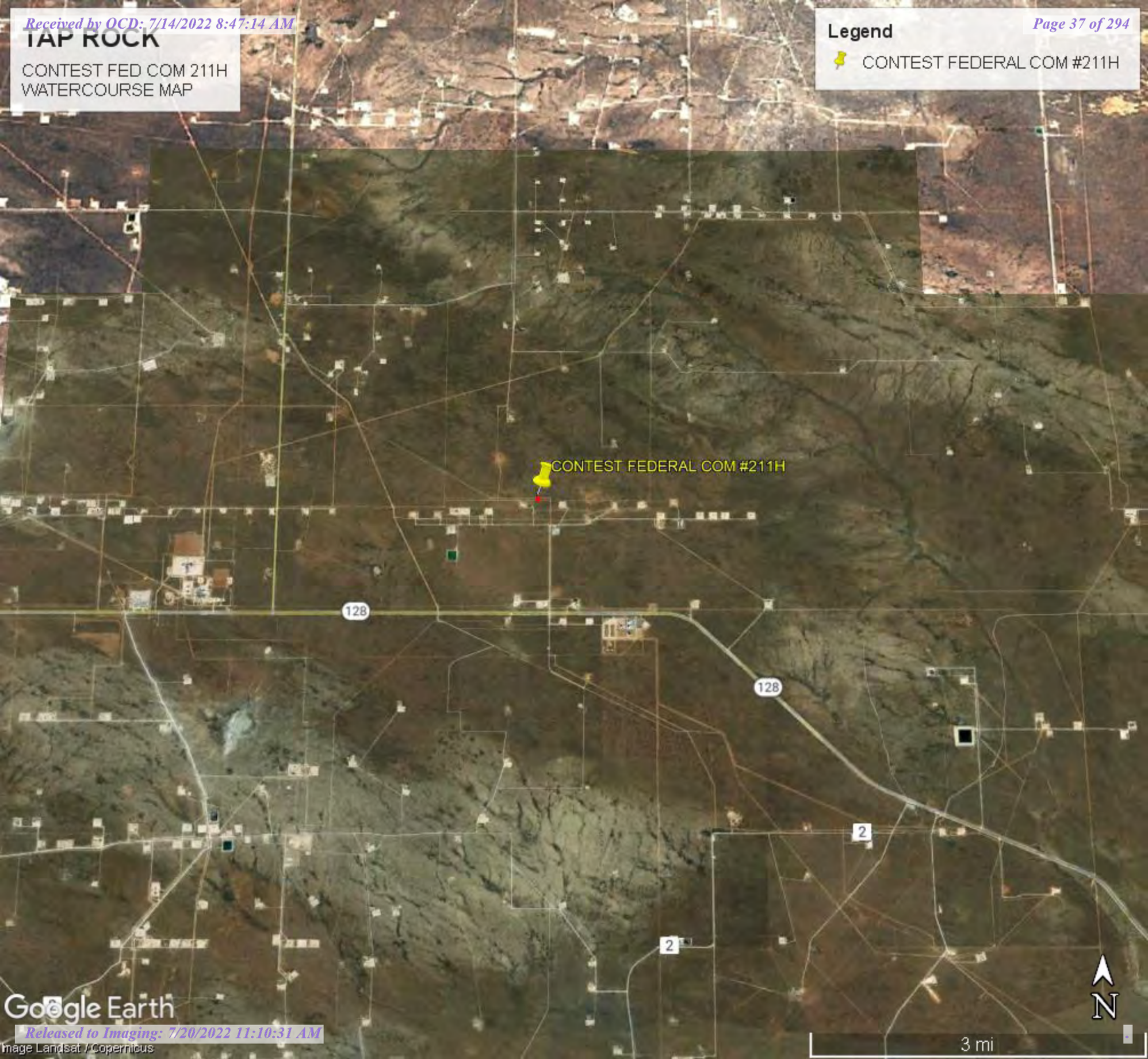
Google Earth

TAP ROCK

CONTEST FED COM 211H
WATERCOURSE MAP

Legend

CONTEST FEDERAL COM #211H



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 644330.66 **Northing (Y):** 3566525.34 **Radius:** 1000

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
C 03932 POD13		CUB	LE		4	2	3	15	24S	34E	645314	3565203		1647	02/10/2016	02/11/2016	03/01/2016	90		LEE PETERSON	1222
C 03943 POD1		CUB	LE	Shallow	2	4	2	21	24S	34E	644523	3564266		2266	04/21/2016	04/24/2016	04/25/2016	610	431	JUSTIN MULLINS	1737
C 03932 POD3		CUB	LE		4	3	2	05	24S	34E	642442	3568787		2947	02/09/2016	02/10/2016	03/01/2016	100		LEE PETERSON	1222
C 03932 POD8		CUB	LE		4	2	4	07	24S	34E	641120	3566769		3219	02/08/2016	02/09/2016	03/01/2016	72		LEE PETERSON	1222
C 04458 POD1		CUB	LE		4	1	1	20	24S	34E	641549	3564532		3421	08/03/2020	08/03/2020	08/20/2020		0	ATKINS, JACKIE D.UELENER	1249
C 04282 POD1		C	LE	Shallow	1	2	1	05	24S	34E	641662	3569541		4027	11/19/2018	11/23/2018	03/27/2020	574	390	GLASSPOOLE, KRISTOPHER L.NER	1641
C 03620 POD1		CUB	LE	Shallow	1	4	3	32	23S	34E	641790	3569941		4257	04/10/2013	04/29/2013	06/18/2013	480	130	NORRIS, JOHN D. (LD)	1682
C 04014 POD1		CUB	LE	Shallow	1	1	3	06	24S	34E	639811	3568638		4989	02/13/2017	02/17/2017	03/03/2017	91	81	HAMMER, RODNEY	1186

Record Count: 8

UTMNAD83 Radius Search (in meters):

Easting (X): 644330.66 **Northing (Y):** 3566525.34 **Radius:** 5000

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03932 POD3	4	3	2	05	24S	34E	642442	3568787

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

Driller License:	1222	**Driller Company:**	PETERSON DRILLING & TESTING INC.		
Driller Name:	LEE PETERSON				
Drill Start Date:	02/09/2016	**Drill Finish Date:**	02/10/2016	**Plug Date:**	
Log File Date:	03/01/2016	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	100 feet	**Depth Water:**	

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 03932 POD8	4	2	4	07	24S	34E	641120	3566769

Driller License:	1222	**Driller Company:**	PETERSON DRILLING & TESTING INC.		
Driller Name:	LEE PETERSON				
Drill Start Date:	02/08/2016	**Drill Finish Date:**	02/09/2016	**Plug Date:**	
Log File Date:	03/01/2016	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	72 feet	**Depth Water:**	

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	Twn	Rng	X	Y
	C 03932 POD13	4	2	3	15	24S	34E	645314	3565203

Driller License:	1222	**Driller Company:**	PETERSON DRILLING & TESTING INC.		
Driller Name:	LEE PETERSON				
Drill Start Date:	02/10/2016	**Drill Finish Date:**	02/11/2016	**Plug Date:**	
Log File Date:	03/01/2016	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	90 feet	**Depth Water:**	

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 03943 POD1	2	4	2	21	24S	34E	644523	3564266

Driller License: 1737 **Driller Company:** SHADE TREE DRILLING
Driller Name: JUSTIN MULLINS

Drill Start Date: 04/21/2016 **Drill Finish Date:** 04/24/2016 **Plug Date:**
Log File Date: 04/25/2016 **PCW Rcv Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 5 GPM
Casing Size: 6.00 **Depth Well:** 610 feet **Depth Water:** 431 feet

Water Bearing Stratifications:	Top	Bottom	Description
	39	431	Sandstone/Gravel/Conglomerate

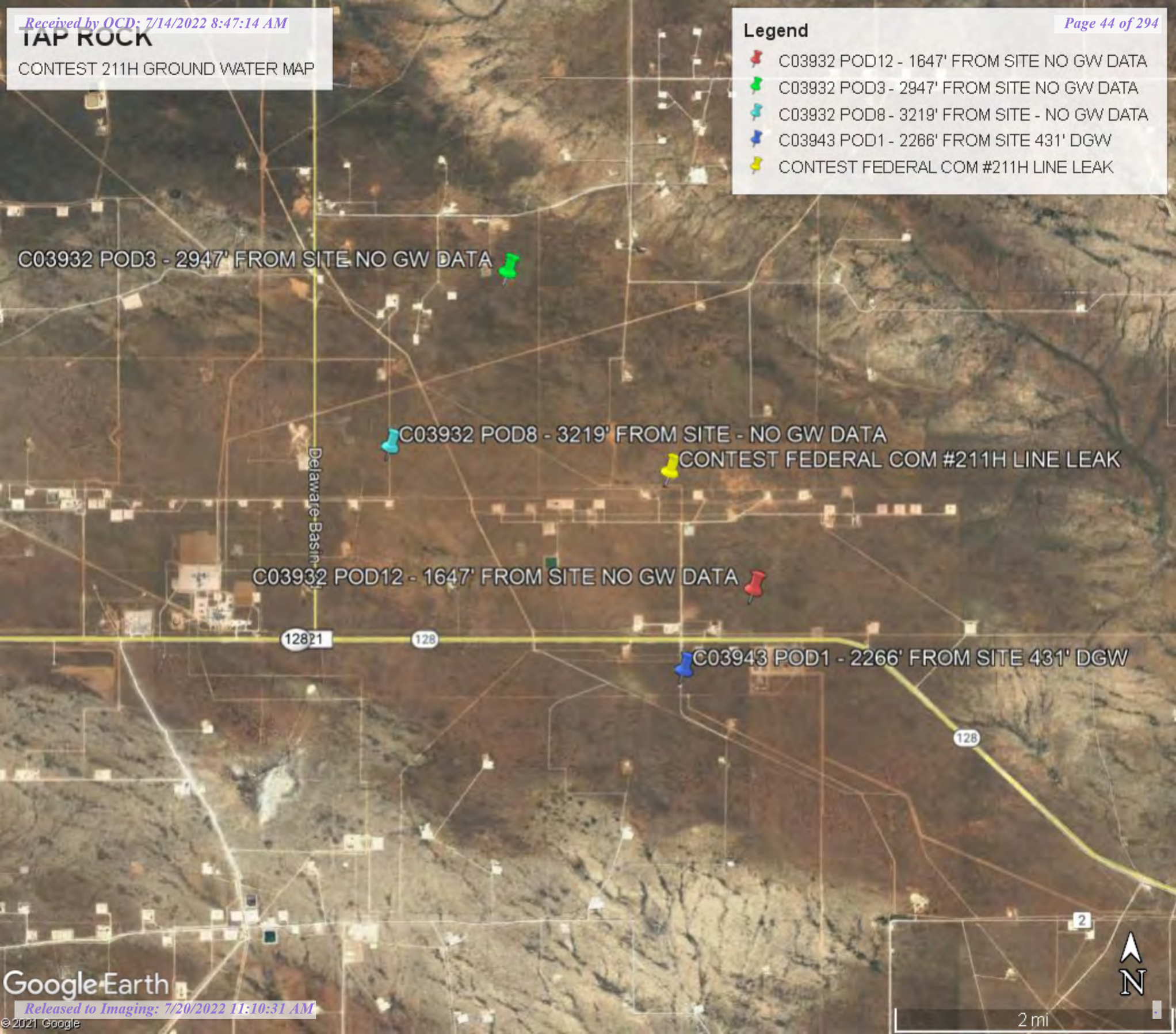
Casing Perforations:	Top	Bottom
	420	480

TAP ROCK

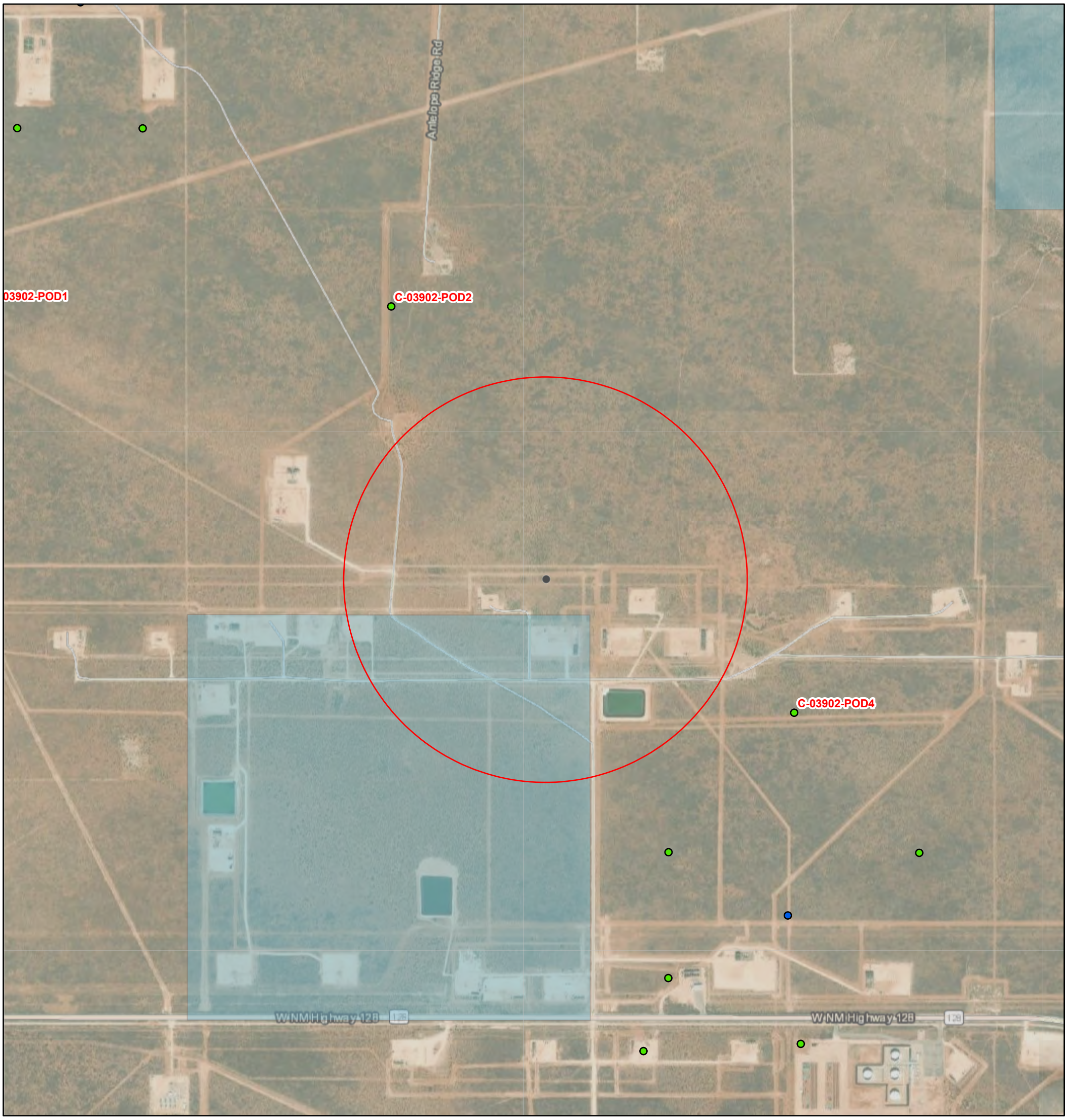
CONTEST 211H GROUND WATER MAP

Legend

- C03932 POD12 - 1647' FROM SITE NO GW DATA
- C03932 POD3 - 2947' FROM SITE NO GW DATA
- C03932 POD8 - 3219' FROM SITE - NO GW DATA
- C03943 POD1 - 2266' FROM SITE 431' DGW
- CONTEST FEDERAL COM #211H LINE LEAK



OSE PUBLIC PRINT



10/6/2021, 10:41:41 AM

GIS WATERS PODs

- Active
- Pending
- OSE District Boundary

Water Right Regulations

- Closure Area

New Mexico State Trust Lands

- Both Estates
- SiteBoundaries

1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

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

Printed from Public Web Map
Unofficial Map from OSE POD Locations Web Application

Natalie Gladden

From: natalie@energystaffingllc.com
Sent: Monday, December 20, 2021 12:18 PM
To: 'ocdonline, emnrd, EMNRD'; 'Hensley, Chad, EMNRD'; Bratcher, Mike, EMNRD; robert.hamlet@state.nm.us
Cc: 'Bill Ramsey'; 'Christian Combs'
Subject: Extension Request - Contest 211H - Tap Rock

Importance: High

All,

On behalf of Tap Rock, ESS would like an extension on the below detailed release, due to the release being under powerlines and buried flowlines in the area of impact. The release information is below:

Incident No.: nAPP2127930986
DOR: 10/4/2020
Contest Federal Com 211H
API No.: 30-025-46678

Please contact me if you have any questions.

Natalie Gladden

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

Natalie Gladden

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Thursday, December 23, 2021 1:51 PM
To: Hamlet, Robert, EMNRD
Cc: 'Bill Ramsey'; 'Christian Combs'; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Velez, Nelson, EMNRD
Subject: Re: (Extension Approval) - Contest 211H - Tap Rock

Thank you and Merry Christmas.
Natalie Gladden

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Thursday, December 23, 2021 1:37:49 PM
To: natalie@energystaffingllc.com <natalie@energystaffingllc.com>
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; 'Christian Combs' <ccombs@taprk.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: (Extension Approval) - Contest 211H - Tap Rock

RE: Incident **#NAPP2127930986**

Natalie,

Your request for an extension to **February 4th, 2022** is approved.

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

From: natalie@energystaffingllc.com <natalie@energystaffingllc.com>
Sent: Monday, December 20, 2021 12:18 PM
To: ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; 'Christian Combs' <ccombs@taprk.com>
Subject: [EXTERNAL] Extension Request - Contest 211H - Tap Rock
Importance: High

All,

On behalf of Tap Rock, ESS would like an extension on the below detailed release, due to the release being under powerlines and buried flowlines in the area of impact. The release information is below:

Incident No.: nAPP2127930986
DOR: 10/4/2020
Contest Federal Com 211H
API No.: 30-025-46678

Please contact me if you have any questions.

Natalie Gladden

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

Natalie Gladden

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, February 1, 2022 9:13 AM
To: Natalie Gladden
Cc: 'Bill Ramsey'; 'Christian Combs'; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Velez, Nelson, EMNRD; Dakoatah Montanez; Nobui, Jennifer, EMNRD
Subject: (Extension Denied) - Contest 211H - Tap Rock - NAPP2127930986

RE: Incident **#NAPP2127930986**

Natalie,

An extension for this release has already been granted. Your request for another extension is **denied**. **Operator** will have 30 days to submit a remediation/closure plan to the payment portal.

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

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Monday, January 31, 2022 10:52 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; 'Christian Combs' <ccombs@taprk.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Dakoatah Montanez <dakoatah@energystaffingllc.com>
Subject: [EXTERNAL] RE: (Extension Approval) - Contest 211H - Tap Rock
Importance: High

All,

The site has been fully delineated. We will be submitting a remediation workplan and possibly drill to find the correct water depth in this area, therefore we will need to request another extension. Thank you for your time in this matter.

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

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Thursday, December 23, 2021 1:38 PM
To: natalie@energystaffingllc.com
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; 'Christian Combs' <ccombs@taprk.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: (Extension Approval) - Contest 211H - Tap Rock

RE: Incident **#NAPP2127930986**

Natalie,

Your request for an extension to **February 4th, 2022** is approved.

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

From: natalie@energystaffingllc.com <natalie@energystaffingllc.com>
Sent: Monday, December 20, 2021 12:18 PM
To: ocdonline, emnrd, EMNRD <EMNRD.OCDOnline@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Cc: 'Bill Ramsey' <Bramsey@taprk.com>; 'Christian Combs' <ccombs@taprk.com>
Subject: [EXTERNAL] Extension Request - Contest 211H - Tap Rock
Importance: High

All,

On behalf of Tap Rock, ESS would like an extension on the below detailed release, due to the release being under powerlines and buried flowlines in the area of impact. The release information is below:

Incident No.: nAPP2127930986
DOR: 10/4/2020
Contest Federal Com 211H
API No.: 30-025-46678

Please contact me if you have any questions.

Natalie Gladden

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

Natalie Gladden

From: Natalie Gladden
Sent: Wednesday, March 2, 2022 8:00 AM
To: Bratcher, Mike, EMNRD
Cc: Christian Combs; 'Bill Ramsey'
Subject: Tap Rock - Contest Federal Com 211H

Importance: High

Mike,

Thank you for taking my call this morning. ESS will need to do further delineation on this site as we need a few more sample points to verify the remediation workplan that was due today. I apologize in advance for the delay. We are calling in the one-call today and will have the samples obtained and submitted to the lab immediately following the clearance of the one-call. We would like to request a two week extension to finalize the delineation of this site and submittal of the remediation workplan to you and the BLM.

Again, thank you for your understanding during this time.

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

Natalie Gladden

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Wednesday, March 2, 2022 2:17 PM
To: Natalie Gladden
Cc: Christian Combs; 'Bill Ramsey'
Subject: RE: [EXTERNAL] Tap Rock - Contest Federal Com 211H

Natalie,

You are approved for the requested two week extension, to 3/17/2022. Please include a copy of this correspondence in remediation proposal/closure reports in order for it to be documented in the project file.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St. | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Natalie Gladden <natalie@energystaffingllc.com>
Sent: Wednesday, March 2, 2022 8:00 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Christian Combs <ccombs@taprk.com>; 'Bill Ramsey' <Bramsey@taprk.com>
Subject: [EXTERNAL] Tap Rock - Contest Federal Com 211H
Importance: High

Mike,

Thank you for taking my call this morning. ESS will need to do further delineation on this site as we need a few more sample points to verify the remediation workplan that was due today. I apologize in advance for the delay. We are calling in the one-call today and will have the samples obtained and submitted to the lab immediately following the clearance of the one-call. We would like to request a two week extension to finalize the delineation of this site and submittal of the remediation workplan to you and the BLM.

Again, thank you for your understanding during this time.

Natalie Gladden

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

Company Name: TAPROCK RESOURCES **Location Name:** CONTEST 211 H **Release Date:**

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURFACE	>4000		ND	ND	ND	ND	ND	10800		
	1'	>4000									
	2'	>4000									
	3'	>4000									
	4'	560									
	5'	400		ND	ND	ND	ND	ND	125		
SP2	SURFACE	>4000		ND	ND	ND	ND	ND	14200		
	1'	>4000									
	2'	>4000									
	3'	>4000									
	5'	240									
SP2B	5'	80		ND	ND	ND	ND	ND	ND		NMOCD REQUESTED
	7'	>4000									
	9'	3520'									
SP2B	10'	200		ND	ND	ND	ND	ND	156		NMOCD REQUESTED
	11'	320									
	13'	240		ND	ND	ND	ND	ND	233		
SP3	SURFACE	>4000		ND	ND	ND	ND	ND	8160		
	1'	3280									
	2'	4000									
	3'	>4000									
	4'	>4000									
	5'	>4000									
SP3B	5'	80		ND	ND	ND	ND	ND	ND		NMOCD REQUESTED
	6'	>4000									
	7'	>4000									
	8'	>4000									
	9'	>4000									
	10'	>4000									

SP3B	10'	1000		ND	ND	ND	ND	ND	990		NMOCD REQUESTED
	11'	>4000									
	13'	>4000									
	15'	>4000									
SP3B	15'	>4000		ND	ND	ND	ND	ND	8310		NMOCD REQUESTED
	17'	>4000									
	19'	480									
	21'	400		ND	ND	ND	ND	ND	321		

SP4	SURFACE	>4000		ND	ND	747	536	1283	16700		
	1'	4000									
	2'	>4000									
	3'	4000									
	4'	>4000									
	5'	>4000									
SP4B	5'	>4000		ND	ND	ND	ND	ND	7970		NMOCD REQUESTED
	6'	>4000									
	7'	>4000									
	8'	>4000									
	9'	>4000									
	10'	>4000									
SP4B	10'	>4000		ND	ND	ND	ND	ND	7380		NMOCD REQUESTED
	11'	>4000									
	12'	>4000									
	13'	>4000									
	15'	>4000									
SP4B	15'	>4000		ND	ND	ND	ND	ND	7320		NMOCD REQUESTED
	17'	>4000									
	19'	2240									
SP4B	20'	3600		ND	ND	ND	ND	ND	3330		NMOCD REQUESTED
	21'	1440									
	23'	480									
	25'	160		ND	ND	ND	ND	ND	199		

SP5	SURFACE	>4000		ND	ND	ND	ND	ND	4220		
	1'	480									
	2'	320									
	3'	320		ND	ND	ND	ND	ND	330		
SP6	SURFACE	>4000		ND	ND	164	151	315	19400		
	1'	>4000									
	2'	>4000									
	3'	>4000									
	4'	>4000									
	5'	>4000									
SP6B	5'	>4000		ND	ND	ND	ND	ND	7230		NMOCD REQUESTED
	6'	>4000									
	7'	>4000									
	8'	>4000									
	9'	>4000									
	10'	>4000									
SP6B	10'	>4000		ND	ND	ND	ND	ND	7510		NMOCD REQUESTED
	11'	>4000									
	13'	>4000									
	15'	>4000									
SP6B	15'	>4000		ND	ND	ND	ND	ND	7030		NMOCD REQUESTED
	17'	>4000									
	19'	1280									
SP6B	20'	1380		ND	ND	ND	ND	ND	1410		NMOCD REQUESTED
	21'	1200									
	23'	240									
	24'	40		ND	ND	ND	ND	ND	ND		
SP7	SURFACE	>4000		ND	ND	ND	ND	ND	30700		
	1'	4000									
	2'	4000									
	3'	>4000									
	4'	>4000									

	5'	>4000									
SP7B	5'	>4000		ND	ND	ND	ND	ND	8400		NMOCD REQUESTED
	6'	>4000									
	7'	>4000									
	8'	>4000									
	9'	>4000									
	10'	>4000									
SP7B	10'	>4000		ND	ND	ND	ND	ND	8370		NMOCD REQUESTED
	11'	>4000									
	13'	1600									
	15'	880									
SP7B	15'	400		ND	ND	ND	ND	ND	371		NMOCD REQUESTED
	17'	160									
	19'	80		ND	ND	ND	ND	ND	68.3		
SP8	SURFACE	>4000		ND	ND	ND	ND	ND	12600		
	1'	560									
	2'	540									
	3'	500		ND	ND	ND	ND	ND	499		
SP9	SURFACE	>4000		ND	ND	ND	ND	ND	5140		
	1'	2000									
	2'	500									
	3'	420		ND	ND	ND	ND	ND	406		
SP10	SURFACE	>4000		ND	ND	ND	ND	ND	12900		
	1'	960									
	2'	480									
	3'	400		ND	ND	ND	ND	ND	358		
SP11	SURFACE	>4000		ND	ND	ND	ND	ND	7320		
	1'	960									
	2'	3200									
	3'	4000									

	4'	580									
	5'	540		ND	ND	ND	ND	ND	544		
SP12	SURFACE	>4000		ND	ND	67.5	64.7	132.2	45000		
	1'	4000									
	2'	>4000									
	3'	>4000									
	4'	>4000									
	5'	>4000									
SP12B	5'	>4000		ND	ND	ND	ND	ND	8480		NMOCD REQUESTED
	6'	3520									
	7'	>4000									
	8'	>4000									
	9'	>4000									
	10'	>4000									
SP12B	10'	>4000		ND	ND	ND	ND	ND	7010		NMOCD REQUESTED
	11'	>4000									
	12'	>4000									
	14'	2080									
SP12B	15'	2000		ND	ND	ND	ND	ND	1720		NMOCD REQUESTED
	16'	1120									
	18'	720									
SP12B	18'	800		ND	ND	ND	ND	ND	774		NMOCD REQUESTED
	20'	480									
	22'	60		ND	ND	ND	ND	ND	ND		
SP13	SURFACE	>4000		ND	ND	26.2	ND	26.2	10400		
	1'	>4000									
	2'	>4000									
	3'	>4000									
	4'	>4000									
	5'	>4000									
SP13B	5'	>4000		ND	ND	ND	ND	ND	6720		NMOCD REQUESTED
	6'	>4000									

	7'	>4000									
	8'	>4000									
	9'	>4000									
	10'	>4000									
SP13B	10'	40		ND	ND	ND	ND	ND	20		NMOCD REQUESTED
	12'	2480									
	14'	1920									
	16'	1280									
	18'	880									
SP13B	18'	860		ND	ND	ND	ND	ND	803		NMOCD REQUESTED
	20'	480									
	22'	40		ND	ND	ND	ND	ND	ND		
SP14	SURFACE	>4000		ND	ND	ND	ND	ND	30800		
	1'	>4000									
	2'	>4000									
	3'	>4000									
	4'	>4000									
	5'	>4000									
SP14B	5'	>4000		ND	ND	ND	ND	ND	4860		NMOCD REQUESTED
	6'	>4000									
	7'	>4000									
	8'	>4000									
	9'	>4000									
SP14B	10'	3500		ND	ND	ND	ND	ND	3530		NMOCD REQUESTED
	11'	1920									
	13'	1200									
	15'	720									
SP14B	15'	1500		ND	ND	ND	ND	ND	1390		NMOCD REQUESTED
	17'	400									
	19'	60		ND	ND	ND	ND	ND	ND		
SP15	SURFACE	480		ND	ND	ND	ND	ND	ND		
	1'	480									

	2'	480									
	3'	460		ND	ND	ND	ND	ND	466		
SP16	SURFACE	400		ND	ND	ND	ND	ND	60.3		
	1'	4000									
	2'	1280									
	3'	1280									
	5'	720									
SP16B	5'	4000		ND	ND	ND	ND	ND	3840		NMOCD REQUESTED
	7'	400									
	9'	160		ND	ND	ND	ND	ND	ND		
SP17	SURFACE	>4000		ND	ND	ND	ND	ND	16800		
	1'	>4000									
	2'	>4000									
	3'	>4000									
	4'	4000									
	5'	4000									
SP17B	5'	>4000		ND	ND	ND	ND	ND	9070		NMOCD REQUESTED
	6'	1840									
	7'	1200									
	8'	560									
	9'	400		ND	ND	ND	ND	ND	383		
SW1	SURFACE	3200		ND	ND	ND	ND	ND	3500		
	1'	3280									
	2'	>4000									
	3'	>4000									
	4'	>4000									
	5'	>4000									
	6'	3800									
	8'	>4000									
	10'	3200									
	12'	3800									

	14'	3280									
	16'	3800									
	20'	3000									
	22'	3200									
	24'	3000									
	26'	3000									INSERTED SP16
SW1	SURFACE	3200		ND	ND	ND	ND	ND	3500		
	1'	3280									
	2'	640									
	3'	480									
	4'	800									
	5'	560									
	6'	32		ND	ND	ND	ND	ND	32.4		
SW2	SURFACE	100		ND	ND	ND	ND	ND	90.3		
	1'	400									
	2'	40		ND	ND	ND	ND	ND	ND		
SW3	SURFACE	40		ND	ND	ND	ND	ND	20.5		
	1'	400									
	2'	40		ND	ND	ND	ND	ND	ND		
SW4	SURFACE	200		ND	ND	ND	ND	ND	148		
	1'	360									
	2'	20		ND	ND	ND	ND	ND	ND		
SW5	SURFACE	60		ND	ND	ND	ND	ND	ND		
	1'	320									
	2'	20		ND	ND	ND	ND	ND	ND		
SW6	SURFACE	>4000		ND	ND	ND	ND	ND	5820		
	1'	360									
	2'	40		ND	ND	ND	ND	ND	ND		

SW7	SURFACE	40		ND	ND	ND	ND	ND	ND		
	1'	100									
	2'	80		ND	ND	ND	ND	ND	81		
SW8	SURFACE	640		ND	ND	ND	ND	ND	500		
	1'	400									
	2'	60		ND	ND	ND	ND	ND	ND		
SW9	SURF	2300		ND	ND	ND	ND	ND	2340		
	1'	240									
	2'	20		ND	ND	ND	ND	ND	ND		
SW10	SURF	4000		ND	ND	ND	ND	ND	3750		
	1'	240									
	2	40		ND	ND	ND	ND	ND	ND		
SW11	SURF	400		ND	ND	ND	ND	ND	430		
	1'	80									
	2'	ND		ND	ND	ND	ND	ND	ND		
SW12	SURF	>4000		ND	ND	ND	ND	ND	16100		
	1'	>4000									
	2'	>4000									
	3'	480									
	4'	40		ND	ND	ND	ND	ND	22.7		
SW13	SURF	40		ND	ND	ND	ND	ND	29.7		
	1'	40									
	2'	ND		ND	ND	ND	ND	ND	ND		
SW14	SURF	40		ND	ND	ND	ND	ND	ND		
	1'	40									
	2'	ND		ND	ND	ND	ND	ND	ND		

SW15	SURF	800		ND	ND	ND	ND	ND	705		
	1'	400									
	2'	ND		ND	ND	ND	ND	ND	ND		
SW16	SURF	>4000		ND	ND	ND	ND	ND	6200		
	1'	1280									
	2'	240									
	3'	20		ND	ND	ND	ND	ND	20.9		
SW17	SURF	>4000		ND	ND	ND	ND	ND	13000		
	1'	3200									
	2'	400									
	3'	60		ND	ND	ND	ND	ND	63.1		

Company Name: TAPROCK **Location Name:** CONTEST FC 211H **Release Date:** 10/4/2021

SURFACE LAB ANALYSIS

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	SURFACE	>4000	ND	ND	ND	ND	ND	ND	10800		
SP2	SURFACE	>4000	ND	ND	ND	ND	ND	ND	14200		
SP3	SURFACE	>4000	ND	ND	ND	ND	ND	ND	8160		
SP4	SURFACE	>4000	1300	ND	ND	747	536	1283	16700		
SP5	SURFACE	>4000	ND	ND	ND	ND	ND	ND	4220		
SP6	SURFACE	>4000	<1000	ND	ND	164	151	315	19400		
SP7	SURFACE	>4000	ND	ND	ND	ND	ND	ND	30700		
SP8	SURFACE	>4000	ND	ND	ND	ND	ND	ND	12600		
SP9	SURFACE	>4000	ND	ND	ND	ND	ND	ND	5140		
SP10	SURFACE	>4000	ND	ND	ND	ND	ND	ND	12900		
SP11	SURFACE	>4000	ND	ND	ND	ND	ND	ND	7320		
SP12	SURFACE	>4000	ND	ND	ND	67.5	64.7	132.2	45000		
SP13	SURFACE	>4000	ND	ND	ND	26.2	ND	26.2	10400		
SP14	SURFACE	>4000	ND	ND	ND	ND	ND	ND	30800		
SP15	SURFACE	480	ND	ND	ND	ND	ND	ND	ND		
SP16	SURFACE	400	ND	ND	ND	ND	ND	ND	60.3		
SP17	SURFACE	>4000	ND	ND	ND	ND	ND	ND	16800		

Company Name: TAPROCK **Location Name:** CONTEST FC 211H **Release Date:** 10/4/2021

VERTICAL BOTTOM HOLE SAMPLES

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SP1	5'	400	ND	ND	ND	ND	ND	ND	125		
SP2B	5'	80	ND	ND	ND	ND	ND	ND	ND		NMOCD REQUESTED
SP2B	10'	200	ND	ND	ND	ND	ND	ND	156		NMOCD REQUESTED
SP2	13'	240	ND	ND	ND	ND	ND	ND	233		
SP3B	5'	80	ND	ND	ND	ND	ND	ND	ND		NMOCD REQUESTED
SP3B	10'	1000	ND	ND	ND	ND	ND	ND	990		NMOCD REQUESTED
SP3B	15'	>4000	ND	ND	ND	ND	ND	ND	**8310**		NMOCD REQUESTED
SP3	21'	400	ND	ND	ND	ND	ND	ND	321		
SP4B	5'	>4000	ND	ND	ND	ND	ND	ND	**7970**		NMOCD REQUESTED
SP4B	10'	>4000	ND	ND	ND	ND	ND	ND	**7380**		NMOCD REQUESTED
SP4B	15'	>4000	ND	ND	ND	ND	ND	ND	**7320**		NMOCD REQUESTED
SP4B	20'	3600	ND	ND	ND	ND	ND	ND	**3330**		NMOCD REQUESTED
SP4	25'	160	ND	ND	ND	ND	ND	ND	199		
SP5	3'	320	ND	ND	ND	ND	ND	ND	330		
SP6B	5'	>4000	ND	ND	ND	ND	ND	ND	**7230**		NMOCD REQUESTED
SP6B	10'	>4000	ND	ND	ND	ND	ND	ND	**7510**		NMOCD REQUESTED
SP6B	15'	>4000	ND	ND	ND	ND	ND	ND	**7030**		NMOCD REQUESTED
SP6B	20'	1380	ND	ND	ND	ND	ND	ND	**1410**		NMOCD REQUESTED
SP6	24'	40	ND	ND	ND	ND	ND	ND	40		
SP7B	5'	>4000	ND	ND	ND	ND	ND	ND	**8400**		NMOCD REQUESTED
SP7B	10'	>4000	ND	ND	ND	ND	ND	ND	**8370**		NMOCD REQUESTED
SP7B	15'	400	ND	ND	ND	ND	ND	ND	371		NMOCD REQUESTED
SP7	19'	80	ND	ND	ND	ND	ND	ND	68.3		
SP8	3'	500	ND	ND	ND	ND	ND	ND	499		
SP9	3'	420	ND	ND	ND	ND	ND	ND	406		
SP10	3'	400	ND	ND	ND	ND	ND	ND	358		
SP11	5'	540	ND	ND	ND	ND	ND	ND	544		
SP12B	5'	>4000	ND	ND	ND	ND	ND	ND	**8480**		NMOCD REQUESTED
SP12B	10'	>4000	ND	ND	ND	ND	ND	ND	**7010**		NMOCD REQUESTED
SP12B	15'	2000	ND	ND	ND	ND	ND	ND	**1720**		NMOCD REQUESTED
SP12B	18'	800	ND	ND	ND	25.5	ND	25.5	**774**		NMOCD REQUESTED

SP12	22'	60	ND	ND	ND	ND	ND	ND	ND		
SP13B	5'	>4000	ND	ND	ND	ND	ND	ND	**6720**		NMOCD REQUESTED
SP13B	10'	40	ND	ND	ND	ND	ND	ND	20		
SP13B	18'	860	ND	ND	ND	ND	ND	ND	**803**		NMOCD REQUESTED
SP13	22'	40	ND	ND	ND	ND	ND	ND	ND		
SP14B	5'	>4000	ND	ND	ND	ND	ND	ND	**4860**		NMOCD REQUESTED
SP14B	10'	3500	ND	ND	ND	ND	ND	ND	**3530**		NMOCD REQUESTED
SP14B	15'	1500	ND	ND	ND	ND	ND	ND	**1390**		NMOCD REQUESTED
SP14	19'	60	ND	ND	ND	ND	ND	ND	ND		
SP15	3'	460	ND	ND	ND	ND	ND	ND	466		
SP16B	5'	4000	ND	ND	ND	ND	ND	ND	**3840**		NMOCD REQUESTED
SP16	9'	160	ND	ND	ND	ND	ND	ND	ND		
SP17B	5'	>4000	ND	ND	ND	ND	ND	ND	**9070**		
SP17	9'	400	ND	ND	ND	ND	ND	ND	ND		

Company Name: TAPROCK **Location Name:** CONTEST FC 211H **Release Date:** 10/4/2021

HORIZONTAL DELINEATION SAMPLE DATA

SP ID	Depth	Titr	PID	L-BTEX	L-GRO	L-DRO	L-ORO	L-TPH	L-CHL	Soil	Notes
SW1	SURFACE	3200	ND	ND	ND	ND	ND	ND	3500		
SW1	6'	32	ND	ND	ND	ND	ND	ND	32.4		
SW2	SURFACE	100	ND	ND	ND	ND	ND	ND	90.3		
SW2	2'	40	ND	ND	ND	ND	ND	ND	ND		
SW3	SURFACE	40	ND	ND	ND	ND	ND	ND	20.5		
SW3	2'	40	ND	ND	ND	ND	ND	ND	ND		
SW4	SURFACE	200	ND	ND	ND	ND	ND	ND	148		
SW4	2'	20	ND	ND	ND	ND	ND	ND	ND		
SW5	SURFACE	60	ND	ND	ND	ND	ND	ND	ND		
SW5	2'	20	ND	ND	ND	ND	ND	ND	ND		
SW6	SURFACE	>4000	ND	ND	ND	ND	ND	ND	5820		
SW6	2'	40	ND	ND	ND	ND	ND	ND	ND		
SW7	SURFACE	40	ND	ND	ND	ND	ND	ND	ND		
SW7	2'	40	ND	ND	ND	ND	ND	ND	ND		
SW8	SURFACE	640	ND	ND	ND	ND	ND	ND	500		
SW8	2'	60	ND	ND	ND	ND	ND	ND	ND		
SW9	SURFACE	2300	ND	ND	ND	ND	ND	ND	2340		
SW9	2'	20	ND	ND	ND	ND	ND	ND	ND		
SW10	SURFACE	4000	ND	ND	ND	ND	ND	ND	3750		
SW10	2'	40	ND	ND	ND	ND	ND	ND	ND		
SW11	SURFACE	400	ND	ND	ND	ND	ND	ND	430		
SW11	2'	ND	ND	ND	ND	ND	ND	ND	ND		
SW12	SURFACE	>4000	ND	ND	ND	ND	ND	ND	16100		
SW12	4'	40	ND	ND	ND	ND	ND	ND	22.7		
SW13	SURFACE	40	ND	ND	ND	ND	ND	ND	22.7		
SW13	2'	ND	ND	ND	ND	ND	ND	ND	ND		
SW14	SURFACE	40	ND	ND	ND	ND	ND	ND	ND		
SW14	2'	ND	ND	ND	ND	ND	ND	ND	ND		
SW15	SURFACE	800	ND	ND	ND	ND	ND	ND	705		
SW15	2'	ND	ND	ND	ND	ND	ND	ND	ND		
SW16	SURFACE	>4000	ND	ND	ND	ND	ND	ND	6200		

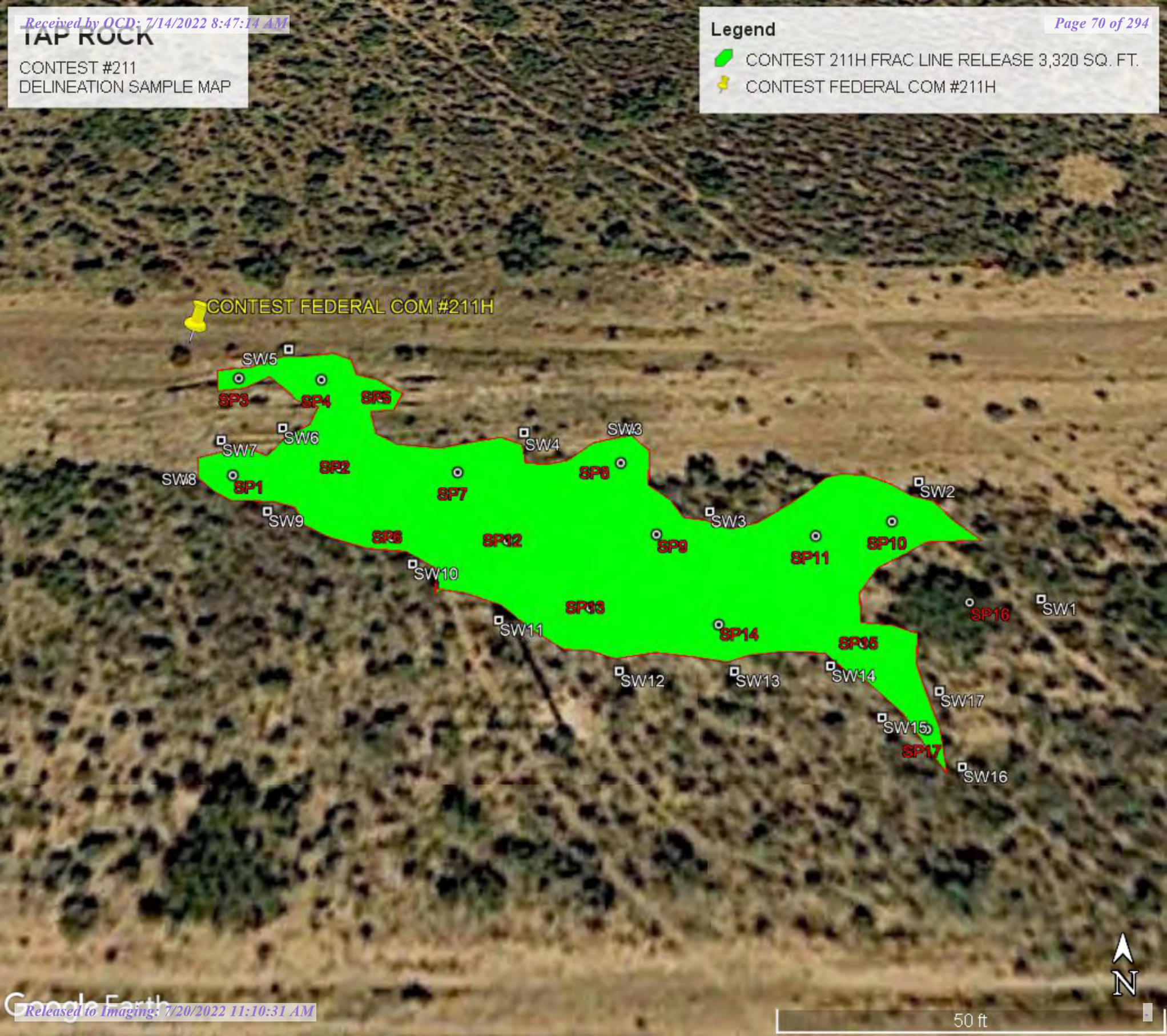
SW16	2'	20	ND	ND	ND	ND	ND	ND	20.9		
SW17	SURFACE	>4000	ND	ND	ND	ND	ND	ND	13000		
SW17	3'	60	ND	ND	ND	ND	ND	ND	63.1		

TAP ROCK

CONTEST #211
DELINEATION SAMPLE MAP

Legend

- CONTEST 211H FRAC LINE RELEASE 3,320 SQ. FT.
- CONTEST FEDERAL COM #211H



TAPROCK: CONTEST FEDERAL COM #211H

DELINEATION SAMPLE DATA GPS INFO

SAMPLE	LATITUDE	LONGITUDE
SP1	32.22613	-103.468453
SP2	32.226134	-103.468395
SP3	32.226185	-103.46846
SP4	32.226184	-103.468413
SP5	32.226174	-103.468377
SP6	32.226097	-103.468363
SP7	32.226131	-103.468331
SP8	32.226136	-103.468242
SP9	32.226099	-103.468225
SP10	32.226106	-103.4681
SP11	32.226098	-103.468282
SP12	32.226105	-103.468346
SP13	32.226063	-103.468259
SP14	32.226056	-103.468195
SP15	32.226047	-103.468124
SP16	32.226066	-103.468068
SP17	32.22601	-103.4681
SW1	32.226068	-103.468031
SW2	32.226127	-103.468082
SW3	32.226111	-103.468196
SW4	32.226153	-103.468295
SW5	32.226203	-103.468435
SW6	32.226156	-103.46843
SW7	32.226149	-103.468463
SW8	32.226127	-103.468478
SW9	32.22611	-103.46843
SW10	32.226084	-103.468351
SW11	32.226058	-103.468305
SW12	32.226035	-103.468245
SW13	32.226035	-103.468189
SW14	32.226037	-103.468142
SW15	32.226015	-103.468121
SW16	32.225995	-103.468087
SW17	32.226027	-103.468091

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: Contest 211 H

Work Order: E111134

Job Number: 20046-0001

Received: 11/23/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/24/21

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: 11/24/21

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E111134
Date Received: 11/23/2021 12:00:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2021 12:00:00PM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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Table of Contents

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Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/21 13:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1-Surf	E111134-01A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP2-Surf	E111134-02A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP3-Surf	E111134-03A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP4-Surf	E111134-04A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP5-Surf	E111134-05A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP6-Surf	E111134-06A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP7-Surf	E111134-07A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP8-Surf	E111134-08A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP9-Surf	E111134-09A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP10-Surf	E111134-10A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP11-Surf	E111134-11A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP12-Surf	E111134-12A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP13-Surf	E111134-13A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP14-Surf	E111134-14A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP15-Surf	E111134-15A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP16-Surf	E111134-16A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP17-Surf	E111134-17A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.
SP1-5'	E111134-18A	Soil	11/15/21	11/23/21	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP1-Surf

E111134-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**10800**	400	20	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP2-Surf

E111134-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*120 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**14200**	400	20	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP3-Surf

E111134-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**8160**	400	20	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP4-Surf

E111134-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	**747**	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	**536**	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*114 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**16700**	1000	50	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP5-Surf

E111134-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*108 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**4220**	100	5	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP6-Surf

E111134-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	**164**	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	**151**	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*113 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**19400**	1000	50	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP7-Surf

E111134-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**30700**	2000	100	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP8-Surf

E111134-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*60.1 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**12600**	400	20	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP9-Surf

E111134-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*93.5 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**5140**	100	5	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP10-Surf

E111134-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.5 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*117 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**12900**	400	20	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP11-Surf

E111134-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**7320**	200	10	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP12-Surf

E111134-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	**67.5**	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	**64.7**	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**45000**	2000	100	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP13-Surf

E111134-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	**26.2**	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**10400**	400	20	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP14-Surf

E111134-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**30800**	2000	100	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP15-Surf

E111134-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	ND	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP16-Surf

E111134-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**60.3**	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP17-Surf

E111134-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*117 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**16800**	1000	50	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

SP1-5'

E111134-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148014
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148016
Chloride	**125**	20.0	1	11/23/21	11/24/21	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

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 (2148015-BLK1)									Prepared: 11/23/21 Analyzed: 11/24/21
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	*7.60*		*8.00*		*95.0*	*70-130*			
LCS (2148015-BS1)									Prepared: 11/23/21 Analyzed: 11/24/21
Benzene	4.77	0.0250	5.00		95.3	70-130			
Ethylbenzene	4.75	0.0250	5.00		94.9	70-130			
Toluene	4.90	0.0250	5.00		98.1	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.63	0.0500	10.0		96.3	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.90*		*8.00*		*98.7*	*70-130*			
LCS Dup (2148015-BSD1)									Prepared: 11/23/21 Analyzed: 11/24/21
Benzene	4.54	0.0250	5.00		90.8	70-130	4.82	20	
Ethylbenzene	4.51	0.0250	5.00		90.2	70-130	5.06	20	
Toluene	4.66	0.0250	5.00		93.1	70-130	5.18	20	
o-Xylene	4.66	0.0250	5.00		93.2	70-130	4.60	20	
p,m-Xylene	9.16	0.0500	10.0		91.6	70-130	5.04	20	
Total Xylenes	13.8	0.0250	15.0		92.1	70-130	4.89	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

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 (2148015-BLK1)									Prepared: 11/23/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2148015-BS2)									Prepared: 11/23/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.8*	*70-130*			
LCS Dup (2148015-BSD2)									Prepared: 11/23/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130	1.50	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

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 (2148014-BLK1)									Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.5*		*50.0*		*123*	*50-200*			
LCS (2148014-BS1)									Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	562	25.0	500		112	38-132			
Surrogate: n-Nonane	*60.6*		*50.0*		*121*	*50-200*			
Matrix Spike (2148014-MS1)				**Source: E111134-04**					Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	1340	50.0	500	747	118	38-132			
Surrogate: n-Nonane	*59.7*		*50.0*		*119*	*50-200*			
Matrix Spike Dup (2148014-MSD1)				**Source: E111134-04**					Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	1300	50.0	500	747	110	38-132	3.26	20	
Surrogate: n-Nonane	*61.9*		*50.0*		*124*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:28:30PM

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 (2148016-BLK1)									Prepared: 11/23/21 Analyzed: 11/23/21
Chloride	ND	20.0							
LCS (2148016-BS1)									Prepared: 11/23/21 Analyzed: 11/23/21
Chloride	247	20.0	250		98.9	90-110			
Matrix Spike (2148016-MS1)				**Source: E111134-01**					Prepared: 11/23/21 Analyzed: 11/23/21
Chloride	10900	400	250	10800	38.8	80-120			M5
Matrix Spike Dup (2148016-MSD1)				**Source: E111134-01**					Prepared: 11/23/21 Analyzed: 11/23/21
Chloride	11900	400	250	10800	428	80-120	8.55	20	M5

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:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/21 13:28

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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.

Project Information | Chain of Custody | Page 1 of 2

Client:	Taprock
Project:	Contest 211H
Project Manager:	Natalie
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
E111134	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	NM - BGDOC	TX - TPH (TCEQ 1005)	Remarks
	11/15/21	S	1	SP1 - Surf	1							X		
				SP2 - Surf	2									
				SP3 - Surf	3									
				SP4 - Surf	4									
				SP5 - Surf	5									
				SP6 - Surf	6									
				SP7 - Surf	7									
				SP8 - Surf	8									
				SP9 - Surf	9									
				SP10 - Surf	10									

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
Natalie Gladden	11/19/21	1400		11.22.21	1400
	11.22.21	1650		11/23/21	12:00

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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Project Information | Chain of Custody | Page 2 of 2

Client:	Taprock
Project:	Contest 211H
Project Manager:	Natalie
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
E111134	200460-0001

TAT

1D	2D	3D	Standard
X	(2)		

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	NM - BGDOC	TX - TPH (TCEQ 1005)	Remarks
	11/15/21	S	1	SP11 - Surf	11							X		
				SP12 - Surf	12									
				SP13 - Surf	13									
				SP14 - Surf	14									
				SP15 - Surf	15									
				SP16 - Surf	16									
				SP17 - Surf	17									
				SP1 - 5'	18									

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
Natalie Gladden	11/19/21	1400		11.22.21	1400
	11.22.21	1650		11/23/21	12:00

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: 11/23/2021 1:55:43PM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	11/23/21 12:00	Work Order ID:	E111134
Phone:	(575) 390-6397	Date Logged In:	11/23/21 12:28	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	11/23/21 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: FedEx
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 was 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: Contest 211 H

Work Order: E111135

Job Number: 20046-0001

Received: 11/23/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/24/21

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: 11/24/21

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E111135
Date Received: 11/23/2021 12:00:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2021 12:00:00PM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
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Cell: 505-320-4759
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

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/21 13:26

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1-6'	E111135-01A	Soil	11/18/21	11/23/21	Glass Jar, 4 oz.
SW2-Surf	E111135-02A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.
SW2-2'	E111135-03A	Soil	11/18/21	11/23/21	Glass Jar, 4 oz.
SW3-2'	E111135-04A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.
SW4-Surf	E111135-05A	Soil	11/18/21	11/23/21	Glass Jar, 4 oz.
SW4-2'	E111135-06A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.
SW5-2'	E111135-07A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.
SW6-Surf	E111135-08A	Soil	11/18/21	11/23/21	Glass Jar, 4 oz.
SW6-2'	E111135-09A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.
SW7-2'	E111135-10A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.
SW8-Surf	E111135-11A	Soil	11/18/21	11/23/21	Glass Jar, 4 oz.
SW8-2'	E111135-12A	Soil	11/22/21	11/23/21	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW1-6'

E111135-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	**32.4**	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW2-Surf

E111135-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	**90.3**	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW2-2'

E111135-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	ND	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW3-2'

E111135-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*120 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	ND	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW4-Surf

E111135-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	**148**	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW4-2'

E111135-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/23/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/23/21	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/23/21*	*11/23/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	ND	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW5-2'

E111135-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/24/21	
Surrogate: n-Nonane		*120 %*	*50-200*	*11/23/21*	*11/24/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	ND	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW6-Surf

E111135-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/24/21	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/23/21*	*11/24/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	**5820**	100	5	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW6-2'

E111135-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.2 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/24/21	
Surrogate: n-Nonane		*125 %*	*50-200*	*11/23/21*	*11/24/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	ND	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW7-2'

E111135-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/23/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/23/21	
Toluene	ND	0.0250	1	11/23/21	11/23/21	
o-Xylene	ND	0.0250	1	11/23/21	11/23/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/23/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/23/21	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/23/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*11/23/21*	*11/23/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/24/21	
Surrogate: n-Nonane		*119 %*	*50-200*	*11/23/21*	*11/24/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	**81.0**	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW8-Surf

E111135-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/24/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/24/21	
Toluene	ND	0.0250	1	11/23/21	11/24/21	
o-Xylene	ND	0.0250	1	11/23/21	11/24/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/24/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/24/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*11/23/21*	*11/24/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/24/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/23/21*	*11/24/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/24/21	
Surrogate: n-Nonane		*123 %*	*50-200*	*11/23/21*	*11/24/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	**500**	20.0	1	11/23/21	11/24/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

SW8-2'

E111135-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Benzene	ND	0.0250	1	11/23/21	11/24/21	
Ethylbenzene	ND	0.0250	1	11/23/21	11/24/21	
Toluene	ND	0.0250	1	11/23/21	11/24/21	
o-Xylene	ND	0.0250	1	11/23/21	11/24/21	
p,m-Xylene	ND	0.0500	1	11/23/21	11/24/21	
Total Xylenes	ND	0.0250	1	11/23/21	11/24/21	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*11/23/21*	*11/24/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148017
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/21	11/24/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*11/23/21*	*11/24/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148018
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/21	11/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/21	11/24/21	
Surrogate: n-Nonane		*122 %*	*50-200*	*11/23/21*	*11/24/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148019
Chloride	ND	20.0	1	11/23/21	11/24/21	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

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 (2148017-BLK1)									Prepared: 11/23/21 Analyzed: 11/24/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.7*	*70-130*			
LCS (2148017-BS1)									Prepared: 11/23/21 Analyzed: 11/24/21
Benzene	4.58	0.0250	5.00		91.6	70-130			
Ethylbenzene	4.59	0.0250	5.00		91.8	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.73	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.31	0.0500	10.0		93.1	70-130			
Total Xylenes	14.0	0.0250	15.0		93.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.9*	*70-130*			
LCS Dup (2148017-BSD1)									Prepared: 11/23/21 Analyzed: 11/24/21
Benzene	4.89	0.0250	5.00		97.8	70-130	6.51	20	
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130	6.72	20	
Toluene	5.05	0.0250	5.00		101	70-130	6.54	20	
o-Xylene	5.08	0.0250	5.00		102	70-130	7.05	20	
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130	6.55	20	
Total Xylenes	15.0	0.0250	15.0		100	70-130	6.72	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

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 (2148017-BLK1)									Prepared: 11/23/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.31*		*8.00*		*91.4*	*70-130*			
LCS (2148017-BS2)									Prepared: 11/23/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.8*	*70-130*			
LCS Dup (2148017-BSD2)									Prepared: 11/23/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.7	70-130	1.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

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 (2148018-BLK1)									Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.6*		*50.0*		*119*	*50-200*			
LCS (2148018-BS1)									Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	547	25.0	500		109	38-132			
Surrogate: n-Nonane	*57.3*		*50.0*		*115*	*50-200*			
Matrix Spike (2148018-MS1)				**Source: E111135-03**					Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	562	25.0	500	ND	112	38-132			
Surrogate: n-Nonane	*59.1*		*50.0*		*118*	*50-200*			
Matrix Spike Dup (2148018-MSD1)				**Source: E111135-03**					Prepared: 11/23/21 Analyzed: 11/23/21
Diesel Range Organics (C10-C28)	560	25.0	500	ND	112	38-132	0.370	20	
Surrogate: n-Nonane	*60.0*		*50.0*		*120*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/2021 1:26:26PM

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 (2148019-BLK1)									Prepared: 11/23/21 Analyzed: 11/24/21
Chloride	ND	20.0							
LCS (2148019-BS1)									Prepared: 11/23/21 Analyzed: 11/24/21
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2148019-MS1)				**Source: E111135-01**					Prepared: 11/23/21 Analyzed: 11/24/21
Chloride	279	20.0	250	32.4	98.5	80-120			
Matrix Spike Dup (2148019-MSD1)				**Source: E111135-01**					Prepared: 11/23/21 Analyzed: 11/24/21
Chloride	282	20.0	250	32.4	99.8	80-120	1.15	20	

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

Definitions and Notes

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/24/21 13:26

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.

Project Information | Chain of Custody | Page 1 of 2

Client:	APRock
Project:	Contest 211 H
Project Manager:	Christain Combs
Address:	
City, State, Zip	
Phone:	
Email:	Natalie gladden
Report due by:	ESS

Bill To

Attention:	Natalie gladden
Address:	2724 N West County Rd
City, State, Zip	Hobbs NM 88240
Phone:	575-390-6397
Email:	Natalie@EnergyStaffing LLC.com

Lab Use Only

Lab WO#	Job Number
E111135	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	NM - BGDOC	TX - TPH (TCEQ 1005)	Remarks
	11/18/21	S	1	SW1-6'	1							X		
	11/22/21			SW2-Surf	2									
	11/18/21			SW2-2'	3									
	11/22/21			SW3-2'	4									
	11/18/21			SW4-Surf	5									
	11/22/21			SW4-2'	6									
	11/22/21			SW5-2'	7									
	11/18/21			SW6-Surf	8									
	11/22/21			SW6-2'	9									
	11/22/21			SW7-2'	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:

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
	11-22-21			11/23/21	12:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
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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Project Information | Chain of Custody | Page 2 of 2

Client: TAPRock	Bill To
Project: Contest 21 H	Attention: Natalie Gladden
Project Manager: Christian Combs	Address: 2724 N West County Rd
Address:	City, State, Zip Hobbs, NM, 88240
City, State, Zip	Phone: 575-390-6397
Phone:	Email: Natalie@EnergyStaffing LLC.com
Email: Nataliegladden	
Report due by: ESS	

Lab Use Only		TAT				EPA Program	
Lab WO# E111135	Job Number 200446-0001	1D X	2D	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	NM - BGDOC	TX - TPH (TCEQ 1005)	Remarks
	11/18/21	S	1	SW8-Surf	11							X		
	11/22/21	S	1	SW8-2'	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:

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
	11-22-19			11/23/21	12:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
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: 11/23/2021 4:14:11PM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	11/23/21 12:00	Work Order ID:	E111135
Phone:	(575) 390-6397	Date Logged In:	11/23/21 12:33	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	11/23/21 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: FedEx
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

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: Contest 211 H

Work Order: E111139

Job Number: 20046-0001

Received: 11/24/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/29/21

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: 11/29/21

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E111139
Date Received: 11/24/2021 12:00:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/24/2021 12:00:00PM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/21 16:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1-Surf	E111139-01A	Soil	11/22/21	11/24/21	Glass Jar, 4 oz.
SW3-Surf	E111139-02A	Soil	11/22/21	11/24/21	Glass Jar, 4 oz.
SW5-Surf	E111139-03A	Soil	11/22/21	11/24/21	Glass Jar, 4 oz.
SW7-Surf	E111139-04A	Soil	11/22/21	11/24/21	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

SW1-Surf

E111139-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Benzene	ND	0.0250	1	11/24/21	11/25/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/25/21	
Toluene	ND	0.0250	1	11/24/21	11/25/21	
o-Xylene	ND	0.0250	1	11/24/21	11/25/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/25/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/25/21	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/25/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/25/21	
Surrogate: n-Nonane		*128 %*	*50-200*	*11/24/21*	*11/25/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148025
Chloride	**3500**	40.0	2	11/29/21	11/29/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

SW3-Surf

E111139-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Benzene	ND	0.0250	1	11/24/21	11/25/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/25/21	
Toluene	ND	0.0250	1	11/24/21	11/25/21	
o-Xylene	ND	0.0250	1	11/24/21	11/25/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/25/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/25/21	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/25/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/25/21	
Surrogate: n-Nonane		*135 %*	*50-200*	*11/24/21*	*11/25/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148025
Chloride	**20.5**	20.0	1	11/29/21	11/29/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

SW5-Surf

E111139-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Benzene	ND	0.0250	1	11/24/21	11/25/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/25/21	
Toluene	ND	0.0250	1	11/24/21	11/25/21	
o-Xylene	ND	0.0250	1	11/24/21	11/25/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/25/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/25/21	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/25/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/25/21	
Surrogate: n-Nonane		*129 %*	*50-200*	*11/24/21*	*11/25/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148025
Chloride	ND	20.0	1	11/29/21	11/29/21	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

SW7-Surf

E111139-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Benzene	ND	0.0250	1	11/24/21	11/25/21	
Ethylbenzene	ND	0.0250	1	11/24/21	11/25/21	
Toluene	ND	0.0250	1	11/24/21	11/25/21	
o-Xylene	ND	0.0250	1	11/24/21	11/25/21	
p,m-Xylene	ND	0.0500	1	11/24/21	11/25/21	
Total Xylenes	ND	0.0250	1	11/24/21	11/25/21	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2148026
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/24/21	11/25/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*11/24/21*	*11/25/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2148022
Diesel Range Organics (C10-C28)	ND	25.0	1	11/24/21	11/25/21	
Oil Range Organics (C28-C36)	ND	50.0	1	11/24/21	11/25/21	
Surrogate: n-Nonane		*133 %*	*50-200*	*11/24/21*	*11/25/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2148025
Chloride	ND	20.0	1	11/29/21	11/29/21	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

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 (2148026-BLK1)									Prepared: 11/24/21 Analyzed: 11/24/21
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	*8.06*		*8.00*		*101*	*70-130*			
LCS (2148026-BS1)									Prepared: 11/24/21 Analyzed: 11/25/21
Benzene	4.61	0.0250	5.00		92.1	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.3	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.30*		*8.00*		*104*	*70-130*			
LCS Dup (2148026-BSD1)									Prepared: 11/24/21 Analyzed: 11/25/21
Benzene	4.64	0.0250	5.00		92.8	70-130	0.709	20	
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130	0.253	20	
Toluene	4.83	0.0250	5.00		96.6	70-130	0.474	20	
o-Xylene	4.88	0.0250	5.00		97.6	70-130	0.645	20	
p,m-Xylene	9.61	0.0500	10.0		96.1	70-130	0.389	20	
Total Xylenes	14.5	0.0250	15.0		96.6	70-130	0.475	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.25*		*8.00*		*103*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

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 (2148026-BLK1)									Prepared: 11/24/21 Analyzed: 11/24/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*93.9*	*70-130*			
LCS (2148026-BS2)									Prepared: 11/24/21 Analyzed: 11/25/21
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			
LCS Dup (2148026-BSD2)									Prepared: 11/24/21 Analyzed: 11/25/21
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130	2.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.64*		*8.00*		*95.5*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

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 (2148022-BLK1)									Prepared: 11/24/21 Analyzed: 11/24/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*62.0*		*50.0*		*124*	*50-200*			
LCS (2148022-BS1)									Prepared: 11/24/21 Analyzed: 11/24/21
Diesel Range Organics (C10-C28)	549	25.0	500		110	38-132			
Surrogate: n-Nonane	*60.3*		*50.0*		*121*	*50-200*			
Matrix Spike (2148022-MS1)				**Source: E111139-04**					Prepared: 11/24/21 Analyzed: 11/24/21
Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132			
Surrogate: n-Nonane	*60.9*		*50.0*		*122*	*50-200*			
Matrix Spike Dup (2148022-MSD1)				**Source: E111139-04**					Prepared: 11/24/21 Analyzed: 11/24/21
Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132	0.114	20	
Surrogate: n-Nonane	*59.8*		*50.0*		*120*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/2021 4:21:33PM

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 (2148025-BLK1)									Prepared: 11/29/21 Analyzed: 11/29/21
Chloride	ND	20.0							
LCS (2148025-BS1)									Prepared: 11/29/21 Analyzed: 11/29/21
Chloride	245	20.0	250		98.0	90-110			
Matrix Spike (2148025-MS1)				**Source: E111138-01**					Prepared: 11/29/21 Analyzed: 11/29/21
Chloride	6910	400	250	7410	NR	80-120			M5
Matrix Spike Dup (2148025-MSD1)				**Source: E111138-01**					Prepared: 11/29/21 Analyzed: 11/29/21
Chloride	6410	400	250	7410	NR	80-120	7.62	20	M5

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:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	11/29/21 16:21

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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.

Project Information | Chain of Custody | Page 1 of 1

Client: TAP Rock
Project: Contest 211 H
Project Manager: Christain Combs
Address:
City, State, Zip
Phone:
Email: Natalie gladden
Report due by: ESS

Bill To
Attention: Natalie Gladden
Address: 2724 W West County Rd
City, State, Zip Hobbs NM 88240
Phone: 575-390-6397
Email: Natalie@EnergyStaffing Llc.com

Lab Use Only
Lab WO# E111139
Job Number 20046000001

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	NM - BGDOC	TX - TPH (TCEQ 1005)	Remarks
	11/22	S	1	SW1-Surf	1							X		
	11	|	1	SW3-Surf	2							|		
	|	|	1	SW5-Surf	3							|		
	|	|	1	SW7-Surf	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:

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
	11/23	1530		11-23-21	1530
	11/23	1800		11/24/21	12:00

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

Envirotech Analytical Laboratory

Printed: 11/24/2021 1:02:57PM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	11/24/21 12:00	Work Order ID:	E111139
Phone:	(575) 390-6397	Date Logged In:	11/24/21 11:12	Logged In By:	Alexa Michaels
Email:	natalie@energystaffingllc.com	Due Date:	11/30/21 17:00 (2 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: Courrier
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?	No	

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

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: Contest 211 H

Work Order: E201126

Job Number: 20046-0001

Received: 1/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/26/22

Date Reported: 1/26/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E201126
Date Received: 1/25/2022 9:52:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/25/2022 9:52:00AM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/26/22 17:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW 9- Surf	E201126-01A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 9-2'	E201126-02A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 10- Surf	E201126-03A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 10-2'	E201126-04A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 11- Surf	E201126-05A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 11-2'	E201126-06A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 12- Surf	E201126-07A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 12-4'	E201126-08A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 13- Surf	E201126-09A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SW 13-2'	E201126-10A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SP2-13'	E201126-11A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.
SP 3-21'	E201126-12A	Soil	01/20/22	01/25/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 9- Surf

E201126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.6 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**2340**	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 9-2'

E201126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	ND	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 10- Surf

E201126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**3750**	40.0	2	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 10-2'

E201126-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	ND	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 11- Surf

E201126-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**430**	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 11-2'

E201126-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.6 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	ND	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 12- Surf

E201126-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**16100**	400	20	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 12-4'

E201126-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*97.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**22.7**	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 13- Surf

E201126-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**29.7**	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SW 13-2'

E201126-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	ND	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SP2-13'

E201126-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**233**	20.0	1	01/25/22	01/26/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

SP 3-21'

E201126-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Benzene	ND	0.0250	1	01/25/22	01/26/22	
Ethylbenzene	ND	0.0250	1	01/25/22	01/26/22	
Toluene	ND	0.0250	1	01/25/22	01/26/22	
o-Xylene	ND	0.0250	1	01/25/22	01/26/22	
p,m-Xylene	ND	0.0500	1	01/25/22	01/26/22	
Total Xylenes	ND	0.0250	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.7 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205032
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/22	01/26/22	
Surrogate: Bromofluorobenzene		*94.7 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/25/22*	*01/26/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*01/25/22*	*01/26/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205030
Diesel Range Organics (C10-C28)	ND	25.0	1	01/25/22	01/26/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/25/22	01/26/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/25/22*	*01/26/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2205039
Chloride	**321**	20.0	1	01/25/22	01/26/22	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

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 (2205032-BLK1)									Prepared: 01/25/22 Analyzed: 01/25/22
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	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.7*	*70-130*			
LCS (2205032-BS1)									Prepared: 01/25/22 Analyzed: 01/26/22
Benzene	2.76	0.0250	2.50		110	70-130			
Ethylbenzene	2.74	0.0250	2.50		109	70-130			
Toluene	2.76	0.0250	2.50		110	70-130			
o-Xylene	2.69	0.0250	2.50		108	70-130			
p,m-Xylene	5.39	0.0500	5.00		108	70-130			
Total Xylenes	8.08	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.8*	*70-130*			
Matrix Spike (2205032-MS1)				**Source: E201126-02**					Prepared: 01/25/22 Analyzed: 01/26/22
Benzene	2.85	0.0250	2.50	ND	114	48-131			
Ethylbenzene	2.83	0.0250	2.50	ND	113	45-135			
Toluene	2.82	0.0250	2.50	ND	113	48-130			
o-Xylene	2.80	0.0250	2.50	ND	112	43-135			
p,m-Xylene	5.56	0.0500	5.00	ND	111	43-135			
Total Xylenes	8.37	0.0250	7.50	ND	112	43-135			
Surrogate: Bromofluorobenzene	*0.481*		*0.500*		*96.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.1*	*70-130*			
Matrix Spike Dup (2205032-MSD1)				**Source: E201126-02**					Prepared: 01/25/22 Analyzed: 01/26/22
Benzene	2.70	0.0250	2.50	ND	108	48-131	5.37	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	5.47	27	
Toluene	2.65	0.0250	2.50	ND	106	48-130	6.22	24	
o-Xylene	2.63	0.0250	2.50	ND	105	43-135	6.27	27	
p,m-Xylene	5.26	0.0500	5.00	ND	105	43-135	5.53	27	
Total Xylenes	7.90	0.0250	7.50	ND	105	43-135	5.77	27	
Surrogate: Bromofluorobenzene	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

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 (2205032-BLK1)									Prepared: 01/25/22 Analyzed: 01/25/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.484*		*0.500*		*96.7*	*70-130*			
LCS (2205032-BS2)									Prepared: 01/25/22 Analyzed: 01/26/22
Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*70-130*			
Matrix Spike (2205032-MS2)				**Source: E201126-02**					Prepared: 01/25/22 Analyzed: 01/26/22
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			
Matrix Spike Dup (2205032-MSD2)				**Source: E201126-02**					Prepared: 01/25/22 Analyzed: 01/26/22
Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	0.0582	20	
Surrogate: Bromofluorobenzene	*0.478*		*0.500*		*95.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

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 (2205030-BLK1)									Prepared: 01/25/22 Analyzed: 01/25/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
LCS (2205030-BS1)									Prepared: 01/25/22 Analyzed: 01/25/22
Diesel Range Organics (C10-C28)	544	25.0	500		109	38-132			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
Matrix Spike (2205030-MS1)				**Source: E201126-01**					Prepared: 01/25/22 Analyzed: 01/25/22
Diesel Range Organics (C10-C28)	561	25.0	500	ND	112	38-132			
Surrogate: n-Nonane	*54.0*		*50.0*		*108*	*50-200*			
Matrix Spike Dup (2205030-MSD1)				**Source: E201126-01**					Prepared: 01/25/22 Analyzed: 01/25/22
Diesel Range Organics (C10-C28)	581	25.0	500	ND	116	38-132	3.56	20	
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	1/26/2022 5:52:27PM

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 (2205039-BLK1)									Prepared: 01/25/22 Analyzed: 01/26/22
Chloride	ND	20.0							
LCS (2205039-BS1)									Prepared: 01/25/22 Analyzed: 01/26/22
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2205039-MS1)				**Source: E201126-02**					Prepared: 01/25/22 Analyzed: 01/26/22
Chloride	248	20.0	250	ND	99.1	80-120			
Matrix Spike Dup (2205039-MSD1)				**Source: E201126-02**					Prepared: 01/25/22 Analyzed: 01/26/22
Chloride	247	20.0	250	ND	98.6	80-120	0.422	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:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	01/26/22 17:52

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

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

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

Project Information | Chain of Custody | Page 1 of 2

Client:	TAPROCK
Project:	CONTEST 21H
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#: E 201126 | Job Number: 200460-0001

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
12:45	1-20	S	1	SW 9 - SURF	1	X	
12:50				SW 9 - 2'	2		
1:15				SW 10 - SURF	3		
1:18				SW 10 - 2'	4		
1:40				SW 11 - SURF	5		
1:46				SW 11 - 2'	6		
2:00				SW 12 - SURF	7		
2:45				SW 12 - 4'	8		
3:00				SW 13 - SURF	9		
3:10				SW 13 - 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: MARC ANDERSON

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
Natalie Gladden	1/24/22	2:11		1.24.22	1411
	1.24.22	1830	Caitlin Christian	1/25/22	9:52

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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Project Information | Chain of Custody | Page 2 of 2

Client:	TAPROCK
Project:	CONTEST 211 H
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
E 201126	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				8600CNM			Remarks
11:35	1-20	S	1	SP 2 - 13'	11										X			
11:45	1-20	S	1	SP 3 - 21'	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: 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
Natalie Gladden	11/24/22	2:11		1.24.22	1411
	1.24.22	1830	Caitlin Christian	11/25/22	9:52

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: 1/25/2022 10:18:50AM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	01/25/22 09:52	Work Order ID:	E201126
Phone:	(575) 390-6397	Date Logged In:	01/25/22 10:10	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	01/26/22 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: Carrier
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	

Comments/Resolution

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

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: Contest 211 H

Work Order: E201142

Job Number: 20046-0001

Received: 1/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/3/22

Date Reported: 2/3/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E201142
Date Received: 1/28/2022 1:10:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/28/2022 1:10:00PM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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

Field Offices:

Southern New Mexico Area
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Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
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

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/03/22 14:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP4-25'	E201142-01A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SP6-24'	E201142-02A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW14-Surf	E201142-03A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW14-2'	E201142-04A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW15-Surf	E201142-05A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW15-2'	E201142-06A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW16-Surf	E201142-07A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW16-3'	E201142-08A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW17-Surf	E201142-09A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.
SW17-3'	E201142-10A	Soil	01/24/22	01/28/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SP4-25'

E201142-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	01/31/22	
Ethylbenzene	ND	0.0250	1	01/28/22	01/31/22	
Toluene	ND	0.0250	1	01/28/22	01/31/22	
o-Xylene	ND	0.0250	1	01/28/22	01/31/22	
p,m-Xylene	ND	0.0500	1	01/28/22	01/31/22	
Total Xylenes	ND	0.0250	1	01/28/22	01/31/22	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	01/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	**199**	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SP6-24'

E201142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	01/31/22	
Ethylbenzene	ND	0.0250	1	01/28/22	01/31/22	
Toluene	ND	0.0250	1	01/28/22	01/31/22	
o-Xylene	ND	0.0250	1	01/28/22	01/31/22	
p,m-Xylene	ND	0.0500	1	01/28/22	01/31/22	
Total Xylenes	ND	0.0250	1	01/28/22	01/31/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	01/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*96.8 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	ND	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW14-Surf

E201142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	01/31/22	
Ethylbenzene	ND	0.0250	1	01/28/22	01/31/22	
Toluene	ND	0.0250	1	01/28/22	01/31/22	
o-Xylene	ND	0.0250	1	01/28/22	01/31/22	
p,m-Xylene	ND	0.0500	1	01/28/22	01/31/22	
Total Xylenes	ND	0.0250	1	01/28/22	01/31/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	01/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*94.4 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	ND	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW14-2'

E201142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	01/31/22	
Ethylbenzene	ND	0.0250	1	01/28/22	01/31/22	
Toluene	ND	0.0250	1	01/28/22	01/31/22	
o-Xylene	ND	0.0250	1	01/28/22	01/31/22	
p,m-Xylene	ND	0.0500	1	01/28/22	01/31/22	
Total Xylenes	ND	0.0250	1	01/28/22	01/31/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	01/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*99.1 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	ND	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW15-Surf

E201142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	01/31/22	
Ethylbenzene	ND	0.0250	1	01/28/22	01/31/22	
Toluene	ND	0.0250	1	01/28/22	01/31/22	
o-Xylene	ND	0.0250	1	01/28/22	01/31/22	
p,m-Xylene	ND	0.0500	1	01/28/22	01/31/22	
Total Xylenes	ND	0.0250	1	01/28/22	01/31/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	01/31/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*01/28/22*	*01/31/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*96.5 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	**705**	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW15-2'

E201142-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	02/01/22	
Ethylbenzene	ND	0.0250	1	01/28/22	02/01/22	
Toluene	ND	0.0250	1	01/28/22	02/01/22	
o-Xylene	ND	0.0250	1	01/28/22	02/01/22	
p,m-Xylene	ND	0.0500	1	01/28/22	02/01/22	
Total Xylenes	ND	0.0250	1	01/28/22	02/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	02/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*95.2 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	ND	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW16-Surf

E201142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	02/01/22	
Ethylbenzene	ND	0.0250	1	01/28/22	02/01/22	
Toluene	ND	0.0250	1	01/28/22	02/01/22	
o-Xylene	ND	0.0250	1	01/28/22	02/01/22	
p,m-Xylene	ND	0.0500	1	01/28/22	02/01/22	
Total Xylenes	ND	0.0250	1	01/28/22	02/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.7 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	02/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	**6200**	40.0	2	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW16-3'

E201142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	02/01/22	
Ethylbenzene	ND	0.0250	1	01/28/22	02/01/22	
Toluene	ND	0.0250	1	01/28/22	02/01/22	
o-Xylene	ND	0.0250	1	01/28/22	02/01/22	
p,m-Xylene	ND	0.0500	1	01/28/22	02/01/22	
Total Xylenes	ND	0.0250	1	01/28/22	02/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	02/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*91.7 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	**20.9**	20.0	1	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW17-Surf

E201142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	02/01/22	
Ethylbenzene	ND	0.0250	1	01/28/22	02/01/22	
Toluene	ND	0.0250	1	01/28/22	02/01/22	
o-Xylene	ND	0.0250	1	01/28/22	02/01/22	
p,m-Xylene	ND	0.0500	1	01/28/22	02/01/22	
Total Xylenes	ND	0.0250	1	01/28/22	02/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.2 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	02/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	**13000**	400	20	02/01/22	02/02/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

SW17-3'

E201142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Benzene	ND	0.0250	1	01/28/22	02/01/22	
Ethylbenzene	ND	0.0250	1	01/28/22	02/01/22	
Toluene	ND	0.0250	1	01/28/22	02/01/22	
o-Xylene	ND	0.0250	1	01/28/22	02/01/22	
p,m-Xylene	ND	0.0500	1	01/28/22	02/01/22	
Total Xylenes	ND	0.0250	1	01/28/22	02/01/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2205067
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/28/22	02/01/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*01/28/22*	*02/01/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2205060
Diesel Range Organics (C10-C28)	ND	25.0	1	01/28/22	01/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	01/28/22	01/29/22	
Surrogate: n-Nonane		*99.2 %*	*50-200*	*01/28/22*	*01/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206010
Chloride	**63.1**	20.0	1	02/01/22	02/02/22	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

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 (2205067-BLK1)									Prepared: 01/28/22 Analyzed: 01/31/22
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	*7.23*		*8.00*		*90.4*	*70-130*			
LCS (2205067-BS1)									Prepared: 01/28/22 Analyzed: 01/31/22
Benzene	4.34	0.0250	5.00		86.8	70-130			
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.6	0.0250	15.0		90.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.46*		*8.00*		*93.3*	*70-130*			
Matrix Spike (2205067-MS1)				**Source: E201142-01**					Prepared: 01/28/22 Analyzed: 01/31/22
Benzene	4.57	0.0250	5.00	ND	91.3	54-133			
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133			
Toluene	4.91	0.0250	5.00	ND	98.3	61-130			
o-Xylene	4.67	0.0250	5.00	ND	93.3	63-131			
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131			
Total Xylenes	14.3	0.0250	15.0	ND	95.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
Matrix Spike Dup (2205067-MSD1)				**Source: E201142-01**					Prepared: 01/28/22 Analyzed: 01/31/22
Benzene	4.78	0.0250	5.00	ND	95.5	54-133	4.51	20	
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	61-133	5.28	20	
Toluene	5.14	0.0250	5.00	ND	103	61-130	4.56	20	
o-Xylene	4.92	0.0250	5.00	ND	98.3	63-131	5.23	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	5.05	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	5.11	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.93*		*8.00*		*99.2*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

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 (2205067-BLK1)									Prepared: 01/28/22 Analyzed: 01/31/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.18*		*8.00*		*102*	*70-130*			
LCS (2205067-BS2)									Prepared: 01/28/22 Analyzed: 01/31/22
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.38*		*8.00*		*105*	*70-130*			
Matrix Spike (2205067-MS2)				**Source: E201142-01**					Prepared: 01/28/22 Analyzed: 01/31/22
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.54*		*8.00*		*107*	*70-130*			
Matrix Spike Dup (2205067-MSD2)				**Source: E201142-01**					Prepared: 01/28/22 Analyzed: 01/31/22
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	0.672	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.57*		*8.00*		*107*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

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 (2205060-BLK1)									Prepared: 01/28/22 Analyzed: 01/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.4*		*50.0*		*98.8*	*50-200*			
LCS (2205060-BS1)									Prepared: 01/28/22 Analyzed: 01/29/22
Diesel Range Organics (C10-C28)	515	25.0	500		103	38-132			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*50-200*			
Matrix Spike (2205060-MS1)				**Source: E201129-10**					Prepared: 01/28/22 Analyzed: 01/29/22
Diesel Range Organics (C10-C28)	508	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	*49.1*		*50.0*		*98.2*	*50-200*			
Matrix Spike Dup (2205060-MSD1)				**Source: E201129-10**					Prepared: 01/28/22 Analyzed: 01/29/22
Diesel Range Organics (C10-C28)	515	25.0	500	ND	103	38-132	1.24	20	
Surrogate: n-Nonane	*47.9*		*50.0*		*95.7*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/3/2022 2:00:32PM

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 (2206010-BLK1)									Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	ND	20.0							
LCS (2206010-BS1)									Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	246	20.0	250		98.4	90-110			
Matrix Spike (2206010-MS1)				**Source: E201129-01**					Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	278	20.0	250	33.2	97.9	80-120			
Matrix Spike Dup (2206010-MSD1)				**Source: E201129-01**					Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	288	20.0	250	33.2	102	80-120	3.69	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:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/03/22 14:00

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

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

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

Project Information | Chain of Custody | Page 1 of 1

Client:	TAPROCK
Project:	CONTEST 21H
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ESS
Address:	2427 W. COUNTY RD
City, State, Zip	HOBBS NM 88240
Phone:	(575) 390-6397
Email:	NATALIE GLADDEN
	DaKoatah Montanez

Lab Use Only

Lab WO#	Job Number
E201142	20046-000

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				8600 NM			Remarks
8:10	1-24	S	1	SP 4-25'	1										X			
8:50				SP 6-24'	2													
9:15				SW 14- SURF	3													
9:30				SW 14- 2'	4													
9:40				SW 15- SURF	5													
9:50				SW 15- 2'	6													
10:30				SW 16- SURF	7													
10:38				SW 16- 3'	8													
10:55				SW 17- SURF	9													
11:10				SW 17- 3'	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: MARCUS MAY

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
Natalie Gladden	1/27/22	2:01		1.27.22	1401
	1.27.22	1830	Caitlin Christian	1/28/22	13:10

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: 1/28/2022 2:38:30PM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	01/28/22 13:10	Work Order ID:	E201142
Phone:	(575) 390-6397	Date Logged In:	01/28/22 08:50	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/03/22 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: Carrier
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	

Comments/Resolution

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?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab 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: Contest 211 H

Work Order: E201143

Job Number: 20046-0001

Received: 1/28/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/7/22

Date Reported: 2/7/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E201143
Date Received: 1/28/2022 1:10:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/28/2022 1:10:00PM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/07/22 11:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 7-19'	E201143-01A	Soil	01/25/22	01/28/22	Glass Jar, 4 oz.
SP 12-22'	E201143-02A	Soil	01/25/22	01/28/22	Glass Jar, 4 oz.
SP 13-22'	E201143-03A	Soil	01/25/22	01/28/22	Glass Jar, 4 oz.
SP 14-19'	E201143-04A	Soil	01/25/22	01/28/22	Glass Jar, 4 oz.
SP 16-9'	E201143-05A	Soil	01/25/22	01/28/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

SP 7-19'

E201143-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Benzene	ND	0.0250	1	02/01/22	02/02/22	
Ethylbenzene	ND	0.0250	1	02/01/22	02/02/22	
Toluene	ND	0.0250	1	02/01/22	02/02/22	
o-Xylene	ND	0.0250	1	02/01/22	02/02/22	
p,m-Xylene	ND	0.0500	1	02/01/22	02/02/22	
Total Xylenes	ND	0.0250	1	02/01/22	02/02/22	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/22	02/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2206027
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/22	02/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/22	02/03/22	
Surrogate: n-Nonane		*99.7 %*	*50-200*	*02/02/22*	*02/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206008
Chloride	**68.3**	20.0	1	02/01/22	02/01/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

SP 12-22'

E201143-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Benzene	ND	0.0250	1	02/01/22	02/02/22	
Ethylbenzene	ND	0.0250	1	02/01/22	02/02/22	
Toluene	ND	0.0250	1	02/01/22	02/02/22	
o-Xylene	ND	0.0250	1	02/01/22	02/02/22	
p,m-Xylene	ND	0.0500	1	02/01/22	02/02/22	
Total Xylenes	ND	0.0250	1	02/01/22	02/02/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/22	02/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.6 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2206027
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/22	02/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/22	02/03/22	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*02/02/22*	*02/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206008
Chloride	ND	20.0	1	02/01/22	02/01/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

SP 13-22'

E201143-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Benzene	ND	0.0250	1	02/01/22	02/02/22	
Ethylbenzene	ND	0.0250	1	02/01/22	02/02/22	
Toluene	ND	0.0250	1	02/01/22	02/02/22	
o-Xylene	ND	0.0250	1	02/01/22	02/02/22	
p,m-Xylene	ND	0.0500	1	02/01/22	02/02/22	
Total Xylenes	ND	0.0250	1	02/01/22	02/02/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/22	02/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.0 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2206027
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/22	02/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/22	02/03/22	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*02/02/22*	*02/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206008
Chloride	ND	20.0	1	02/01/22	02/01/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

SP 14-19'

E201143-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Benzene	ND	0.0250	1	02/01/22	02/02/22	
Ethylbenzene	ND	0.0250	1	02/01/22	02/02/22	
Toluene	ND	0.0250	1	02/01/22	02/02/22	
o-Xylene	ND	0.0250	1	02/01/22	02/02/22	
p,m-Xylene	ND	0.0500	1	02/01/22	02/02/22	
Total Xylenes	ND	0.0250	1	02/01/22	02/02/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.9 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/22	02/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2206027
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/22	02/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/22	02/03/22	
Surrogate: n-Nonane		*99.5 %*	*50-200*	*02/02/22*	*02/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206008
Chloride	ND	20.0	1	02/01/22	02/01/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

SP 16-9'

E201143-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Benzene	ND	0.0250	1	02/01/22	02/02/22	
Ethylbenzene	ND	0.0250	1	02/01/22	02/02/22	
Toluene	ND	0.0250	1	02/01/22	02/02/22	
o-Xylene	ND	0.0250	1	02/01/22	02/02/22	
p,m-Xylene	ND	0.0500	1	02/01/22	02/02/22	
Total Xylenes	ND	0.0250	1	02/01/22	02/02/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2206011
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/22	02/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.9 %*	*70-130*	*02/01/22*	*02/02/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2206027
Diesel Range Organics (C10-C28)	ND	25.0	1	02/02/22	02/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	02/02/22	02/03/22	
Surrogate: n-Nonane		*92.4 %*	*50-200*	*02/02/22*	*02/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2206008
Chloride	ND	20.0	1	02/01/22	02/01/22	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

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 (2206011-BLK1)									Prepared: 02/01/22 Analyzed: 02/02/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
LCS (2206011-BS1)									Prepared: 02/01/22 Analyzed: 02/02/22
Benzene	4.13	0.0250	5.00		82.6	70-130			
Ethylbenzene	4.21	0.0250	5.00		84.1	70-130			
Toluene	4.29	0.0250	5.00		85.9	70-130			
o-Xylene	4.29	0.0250	5.00		85.8	70-130			
p,m-Xylene	8.55	0.0500	10.0		85.5	70-130			
Total Xylenes	12.8	0.0250	15.0		85.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.9*	*70-130*			
Matrix Spike (2206011-MS1)				**Source: E201143-03**					Prepared: 02/01/22 Analyzed: 02/02/22
Benzene	4.44	0.0250	5.00	ND	88.9	54-133			
Ethylbenzene	4.51	0.0250	5.00	ND	90.2	61-133			
Toluene	4.62	0.0250	5.00	ND	92.4	61-130			
o-Xylene	4.60	0.0250	5.00	ND	92.1	63-131			
p,m-Xylene	9.18	0.0500	10.0	ND	91.8	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	91.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*8.01*		*8.00*		*100*	*70-130*			
Matrix Spike Dup (2206011-MSD1)				**Source: E201143-03**					Prepared: 02/01/22 Analyzed: 02/02/22
Benzene	4.45	0.0250	5.00	ND	89.1	54-133	0.228	20	
Ethylbenzene	4.52	0.0250	5.00	ND	90.3	61-133	0.104	20	
Toluene	4.63	0.0250	5.00	ND	92.5	61-130	0.177	20	
o-Xylene	4.61	0.0250	5.00	ND	92.3	63-131	0.214	20	
p,m-Xylene	9.19	0.0500	10.0	ND	91.9	63-131	0.0915	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.0	63-131	0.132	20	
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

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 (2206011-BLK1)									Prepared: 02/01/22 Analyzed: 02/02/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.92*		*8.00*		*99.0*	*70-130*			
LCS (2206011-BS2)									Prepared: 02/01/22 Analyzed: 02/02/22
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike (2206011-MS2)				**Source: E201143-03**					Prepared: 02/01/22 Analyzed: 02/02/22
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.89*		*8.00*		*98.7*	*70-130*			
Matrix Spike Dup (2206011-MSD2)				**Source: E201143-03**					Prepared: 02/01/22 Analyzed: 02/02/22
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	7.46	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.92*		*8.00*		*99.0*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

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 (2206027-BLK1)									Prepared: 02/02/22 Analyzed: 02/02/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*42.6*		*50.0*		*85.1*	*50-200*			
LCS (2206027-BS1)									Prepared: 02/02/22 Analyzed: 02/02/22
Diesel Range Organics (C10-C28)	485	25.0	500		97.0	38-132			
Surrogate: n-Nonane	*43.7*		*50.0*		*87.4*	*50-200*			
Matrix Spike (2206027-MS1)				**Source: E202006-03**					Prepared: 02/02/22 Analyzed: 02/03/22
Diesel Range Organics (C10-C28)	531	25.0	500	ND	106	38-132			
Surrogate: n-Nonane	*40.8*		*50.0*		*81.6*	*50-200*			
Matrix Spike Dup (2206027-MSD1)				**Source: E202006-03**					Prepared: 02/02/22 Analyzed: 02/03/22
Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132	3.37	20	
Surrogate: n-Nonane	*45.7*		*50.0*		*91.3*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	2/7/2022 11:49:07AM

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 (2206008-BLK1)									Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	ND	20.0							
LCS (2206008-BS1)									Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2206008-MS1)				**Source: E201096-01**					Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	385	20.0	250	160	90.0	80-120			
Matrix Spike Dup (2206008-MSD1)				**Source: E201096-01**					Prepared: 02/01/22 Analyzed: 02/01/22
Chloride	413	20.0	250	160	101	80-120	7.03	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:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	02/07/22 11:49

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

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

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

Project Information | Chain of Custody | Page 1 of 1

Client:	TAPROOT
Project:	CONTEST 2114
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	ES
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
E201143	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 VN			Remarks
8:55	1-25	S	1	SP 7-19'	1										X			
9:45				SP 12-22'	2													
10:20				SP 13-22'	3													
11:00				SP 14-19'	4													
1:15				SP 16-9'	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: MARC RIVERA MR

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
Natalie Gladden	1/26/22	2:01		1.27.22	1401
	1.27.22	1830	Caitlin Christian	1/28/22	13:10

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: 1/28/2022 2:45:47PM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	01/28/22 13:10	Work Order ID:	E201143
Phone:	(575) 390-6397	Date Logged In:	01/28/22 09:18	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	02/03/22 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: Carrier
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	

Comments/Resolution

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?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab 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: Contest 211 H

Work Order: E203019

Job Number: 20046-0001

Received: 3/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/4/22

Date Reported: 3/4/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211 H
Workorder: E203019
Date Received: 3/3/2022 1:10:00PM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/3/2022 1:10:00PM, under the Project Name: Contest 211 H.

The analytical test results summarized in this report with the Project Name: Contest 211 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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
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labadmin@envirotech-inc.com

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Cell: 505-320-4759
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

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/04/22 13:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 5 - 3'	E203019-01A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.
SP 8 - 3'	E203019-02A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.
SP 10 - 3'	E203019-03A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.
SP 11 - 5'	E203019-04A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.
SP 15 - 3'	E203019-05A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.
SP 17 - 9'	E203019-06A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.
SP 9 - 3'	E203019-07A	Soil	03/02/22	03/03/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 5 - 3'

E203019-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.3 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.4 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*85.6 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**330**	20.0	1	03/03/22	03/04/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 8 - 3'

E203019-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*86.7 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**499**	20.0	1	03/03/22	03/03/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 10 - 3'

E203019-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.2 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.6 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*89.6 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**358**	20.0	1	03/03/22	03/03/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 11 - 5'

E203019-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.7 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**544**	20.0	1	03/03/22	03/03/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 15 - 3'

E203019-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.0 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*98.9 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**466**	20.0	1	03/03/22	03/03/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 17 - 9'

E203019-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*92.2 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**383**	20.0	1	03/03/22	03/04/22	

Sample Data

Tap Rock	Project Name:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

SP 9 - 3'

E203019-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Benzene	ND	0.0250	1	03/03/22	03/03/22	
Ethylbenzene	ND	0.0250	1	03/03/22	03/03/22	
Toluene	ND	0.0250	1	03/03/22	03/03/22	
o-Xylene	ND	0.0250	1	03/03/22	03/03/22	
p,m-Xylene	ND	0.0500	1	03/03/22	03/03/22	
Total Xylenes	ND	0.0250	1	03/03/22	03/03/22	
Surrogate: 4-Bromochlorobenzene-PID		*86.0 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2210041
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/22	03/03/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.8 %*	*70-130*	*03/03/22*	*03/03/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2210048
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/22	03/03/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/22	03/03/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*03/03/22*	*03/03/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2210042
Chloride	**406**	20.0	1	03/03/22	03/04/22	

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

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 (2210041-BLK1)									Prepared: 03/03/22 Analyzed: 03/03/22
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	*7.45*		*8.00*		*93.1*	*70-130*			
LCS (2210041-BS1)									Prepared: 03/03/22 Analyzed: 03/03/22
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	5.36	0.0250	5.00		107	70-130			
Toluene	5.58	0.0250	5.00		112	70-130			
o-Xylene	5.31	0.0250	5.00		106	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.44*		*8.00*		*93.1*	*70-130*			
Matrix Spike (2210041-MS1)				**Source: E203019-01**					Prepared: 03/03/22 Analyzed: 03/03/22
Benzene	4.88	0.0250	5.00	ND	97.6	54-133			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133			
Toluene	5.39	0.0250	5.00	ND	108	61-130			
o-Xylene	5.11	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.56*		*8.00*		*94.4*	*70-130*			
Matrix Spike Dup (2210041-MSD1)				**Source: E203019-01**					Prepared: 03/03/22 Analyzed: 03/03/22
Benzene	5.02	0.0250	5.00	ND	100	54-133	2.91	20	
Ethylbenzene	5.31	0.0250	5.00	ND	106	61-133	2.76	20	
Toluene	5.54	0.0250	5.00	ND	111	61-130	2.67	20	
o-Xylene	5.27	0.0250	5.00	ND	105	63-131	2.97	20	
p,m-Xylene	10.7	0.0500	10.0	ND	107	63-131	2.63	20	
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131	2.74	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.65*		*8.00*		*95.6*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

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 (2210041-BLK1)									Prepared: 03/03/22 Analyzed: 03/03/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.5*	*70-130*			
LCS (2210041-BS2)									Prepared: 03/03/22 Analyzed: 03/03/22
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.1*	*70-130*			
Matrix Spike (2210041-MS2)				**Source: E203019-01**					Prepared: 03/03/22 Analyzed: 03/03/22
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	ND	85.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike Dup (2210041-MSD2)				**Source: E203019-01**					Prepared: 03/03/22 Analyzed: 03/03/22
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.0	70-130	3.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.52*		*8.00*		*93.9*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

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 (2210048-BLK1)									Prepared: 03/03/22 Analyzed: 03/03/22
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 (2210048-BS1)									Prepared: 03/03/22 Analyzed: 03/03/22
Diesel Range Organics (C10-C28)	482	25.0	500		96.4	38-132			
Surrogate: n-Nonane	*49.7*		*50.0*		*99.4*	*50-200*			
Matrix Spike (2210048-MS1)				**Source: E203018-02**					Prepared: 03/03/22 Analyzed: 03/03/22
Diesel Range Organics (C10-C28)	488	25.0	500	ND	97.5	38-132			
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*50-200*			
Matrix Spike Dup (2210048-MSD1)				**Source: E203018-02**					Prepared: 03/03/22 Analyzed: 03/03/22
Diesel Range Organics (C10-C28)	502	25.0	500	ND	100	38-132	2.89	20	
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211 H	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	3/4/2022 1:51:32PM

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 (2210042-BLK1)									Prepared: 03/03/22 Analyzed: 03/04/22
Chloride	ND	20.0							
LCS (2210042-BS1)									Prepared: 03/03/22 Analyzed: 03/04/22
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2210042-MS1)				**Source: E203012-01**					Prepared: 03/03/22 Analyzed: 03/04/22
Chloride	296	20.0	250	40.4	102	80-120			
Matrix Spike Dup (2210042-MSD1)				**Source: E203012-01**					Prepared: 03/03/22 Analyzed: 03/04/22
Chloride	301	20.0	250	40.4	104	80-120	1.87	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:	Contest 211 H	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	03/04/22 13:51

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

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

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

Project Information | Chain of Custody | Page 1 of 1

Client:	TAPROCK
Project:	CONTEST 2W/H
Project Manager:	
Address:	
City, State, Zip	
Phone:	
Email:	
Report due by:	

Bill To

Attention:	E-SS
Address:	2724 W COUNTY RD
City, State, Zip	HOBBS N.M 88240
Phone:	575 390 6397
Email:	NATALIE.GLADDEN

Lab Use Only

Lab WO#	Job Number
E203019	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	Remarks
7:00	3-2-22	S	1	SP 5-3'	1								
7:10				SP 8-3'	2								
7:20				SP 10-3'	3								
7:30				SP 11-5'	4								
7:35				SP 15-3'	5								
7:45				SP 17-9'	6								
7:15				SP 4-3'	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: 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
	3-2-22	14:05		3.2.22	1403
	3.2.22	1530		3/3/22	13:10

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: 3/3/2022 2:18:48PM

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:	03/03/22 13:10	Work Order ID:	E203019
Phone:	(575) 390-6397	Date Logged In:	03/02/22 15:55	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	03/03/22 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?	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	

Comments/Resolution

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:	Contest 211H Frak Line
Work Order:	E206156
Job Number:	20046-0001
Received:	6/22/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/23/22

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

Date Reported: 6/23/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211H Frak Line
Workorder: E206156
Date Received: 6/22/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/22/2022 10:15:00AM, under the Project Name: Contest 211H Frak Line.

The analytical test results summarized in this report with the Project Name: Contest 211H Frak 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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Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/23/22 17:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 7 B - 5'	E206156-01A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 7 B - 10'	E206156-02A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 7 B - 15'	E206156-03A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 14 B - 5'	E206156-04A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 14 B - 10'	E206156-05A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 14 B - 15'	E206156-06A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 16 B - 5'	E206156-07A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.
SP 17 B - 5'	E206156-08A	Soil	06/20/22	06/22/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 7 B - 5'

E206156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.1 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/22/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*06/22/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**8400**	400	20	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 7 B - 10'

E206156-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		*85.2 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/22/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*06/22/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**8370**	400	20	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 7 B - 15'

E206156-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		*85.2 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.5 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/22/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*06/22/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**371**	40.0	2	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 14 B - 5'

E206156-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.4 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**4860**	400	20	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 14 B - 10'

E206156-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.6 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*97.2 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**3530**	40.0	2	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 14 B - 15'

E206156-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/22/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/22/22	
Toluene	ND	0.0250	1	06/22/22	06/22/22	
o-Xylene	ND	0.0250	1	06/22/22	06/22/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/22/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/22/22	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/22/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*06/22/22*	*06/22/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*97.5 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**1390**	40.0	2	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 16 B - 5'

E206156-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: 4-Bromochlorobenzene-PID		*89.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**3840**	40.0	2	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

SP 17 B - 5'

E206156-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: 4-Bromochlorobenzene-PID		*87.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2226061
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226058
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226063
Chloride	**9070**	400	20	06/22/22	06/23/22	

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

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 (2226061-BLK1)									Prepared: 06/22/22 Analyzed: 06/23/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.24*		*8.00*		*90.5*	*70-130*			
LCS (2226061-BS1)									Prepared: 06/22/22 Analyzed: 06/23/22
Benzene	5.26	0.0250	5.00		105	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	9.82	0.0500	10.0		98.2	70-130			
Total Xylenes	14.8	0.0250	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS Dup (2226061-BSD1)									Prepared: 06/22/22 Analyzed: 06/23/22
Benzene	5.37	0.0250	5.00		107	70-130	2.00	20	
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130	2.16	20	
Toluene	5.17	0.0250	5.00		103	70-130	2.09	20	
o-Xylene	5.05	0.0250	5.00		101	70-130	2.13	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	2.11	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	2.12	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.35*		*8.00*		*91.9*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

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 (2226061-BLK1)									Prepared: 06/22/22 Analyzed: 06/23/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.11*		*8.00*		*88.8*	*70-130*			
LCS (2226061-BS2)									Prepared: 06/22/22 Analyzed: 06/23/22
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.8*	*70-130*			
LCS Dup (2226061-BSD2)									Prepared: 06/22/22 Analyzed: 06/23/22
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.1	70-130	3.55	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226058-BLK1)									Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*72.0*		*50.0*		*144*	*50-200*			
LCS (2226058-BS1)									Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	557	25.0	500		111	38-132			
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*50-200*			
Matrix Spike (2226058-MS1)				**Source: E206156-01**					Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	527	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*50-200*			
Matrix Spike Dup (2226058-MSD1)				**Source: E206156-01**					Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	548	25.0	500	ND	110	38-132	3.93	20	
Surrogate: n-Nonane	*54.2*		*50.0*		*108*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/23/2022 5:45:19PM

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 (2226063-BLK1)									Prepared: 06/22/22 Analyzed: 06/22/22
Chloride	ND	20.0							
LCS (2226063-BS1)									Prepared: 06/22/22 Analyzed: 06/22/22
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2226063-MS1)				**Source: E206155-01**					Prepared: 06/22/22 Analyzed: 06/22/22
Chloride	248	20.0	250	ND	99.3	80-120			
Matrix Spike Dup (2226063-MSD1)				**Source: E206155-01**					Prepared: 06/22/22 Analyzed: 06/22/22
Chloride	246	20.0	250	ND	98.5	80-120	0.776	20	

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

Definitions and Notes

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/23/22 17:45

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.

Project Information

Chain of Custody

Client: TAPRock
Project: CONTEST 211H FRAC 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 N.M. 88240
Phone: (575) 390-6397
Email: NATALIE GLADDEN

Lab Use Only
Lab WO# E2061560
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

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
	6/20/22	S	1	SP 7B- 5'	1							X		
				SP 7B- 10'	2									
				SP 7B- 15'	3									
				SP 14B- 5'	4									
				SP 14B- 10'	5									
				SP 14B- 15'	6									
				SP 16B- 5'	7									
				SP 17B- 5'	8									

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
	6/20/22			6-21-22	7:45
	6-21-22	4:15p		6/21/22	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 the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/22/2022 12:11:05PM

Sample Receipt Checklist (SRC)

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

Client:	Tap Rock	Date Received:	06/22/22 10:15	Work Order ID:	E206156
Phone:	(575) 390-6397	Date Logged In:	06/22/22 08:32	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	06/23/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	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:	Contest 211H Frak Line
Work Order:	E206157
Job Number:	20046-0001
Received:	6/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/22

Date Reported: 6/24/22

Natalie Gladden
7 W. Compress Road
Artesia, NM 88210

Project Name: Contest 211H Frak Line
Workorder: E206157
Date Received: 6/22/2022 10:15:00AM

Natalie Gladden,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/22/2022 10:15:00AM, under the Project Name: Contest 211H Frak Line.

The analytical test results summarized in this report with the Project Name: Contest 211H Frak 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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labadmin@envirotech-inc.com

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Table of Contents

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Sample Summary

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/24/22 17:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 2 B - 5'	E206157-01A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 2 B - 10'	E206157-02A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 3 B - 5'	E206157-03A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 3 B - 10'	E206157-04A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 3 B - 15'	E206157-05A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 4 B - 5'	E206157-06A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 4 B - 10'	E206157-07A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 4 B - 15'	E206157-08A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 4 B - 20'	E206157-09A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 6 B - 5'	E206157-10A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 6 B - 10'	E206157-11A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 6 B - 15'	E206157-12A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 6 B - 20'	E206157-13A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 12 B -5'	E206157-14A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 12 B - 10'	E206157-15A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 12 B - 15'	E206157-16A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 12 B - 18'	E206157-17A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 13 B - 5'	E206157-18A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 13 B - 10'	E206157-19A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.
SP 13 B - 18'	E206157-20A	Soil	06/17/22	06/22/22	Glass Jar, 4 oz.

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 2 B - 5'

E206157-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/22/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*06/22/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	ND	20.0	1	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 2 B - 10'

E206157-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/22/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*06/22/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**156**	20.0	1	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 3 B - 5'

E206157-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/22/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*06/22/22*	*06/22/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	ND	20.0	1	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 3 B - 10'

E206157-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**990**	400	20	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 3 B - 15'

E206157-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*132 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**8310**	400	20	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 4 B - 5'

E206157-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7970**	400	20	06/22/22	06/23/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 4 B - 10'

E206157-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*93.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*93.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*131 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7380**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 4 B - 15'

E206157-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*96.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7320**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 4 B - 20'

E206157-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.7 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*123 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**3330**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 6 B - 5'

E206157-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.3 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.3 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*98.5 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7230**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 6 B - 10'

E206157-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.1 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7510**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 6 B - 15'

E206157-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7030**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 6 B - 20'

E206157-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.5 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*105 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**1410**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 12 B -5'

E206157-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*94.2 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**8480**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 12 B - 10'

E206157-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**7010**	400	20	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 12 B - 15'

E206157-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*94.9 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*102 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**1720**	100	5	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 12 B - 18'

E206157-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.6 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	**25.5**	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*99.3 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**774**	20.0	1	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 13 B - 5'

E206157-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.0 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**6720**	200	10	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 13 B - 10'

E206157-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*92.5 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.2 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**20.0**	20.0	1	06/22/22	06/24/22	

Sample Data

Tap Rock	Project Name:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

SP 13 B - 18'

E206157-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Benzene	ND	0.0250	1	06/22/22	06/23/22	
Ethylbenzene	ND	0.0250	1	06/22/22	06/23/22	
Toluene	ND	0.0250	1	06/22/22	06/23/22	
o-Xylene	ND	0.0250	1	06/22/22	06/23/22	
p,m-Xylene	ND	0.0500	1	06/22/22	06/23/22	
Total Xylenes	ND	0.0250	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226062
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/22	06/23/22	
Surrogate: Bromofluorobenzene		*93.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/22/22*	*06/23/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/22/22*	*06/23/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KL			Batch: 2226057
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/22	06/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/22	06/23/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*06/22/22*	*06/23/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226064
Chloride	**803**	20.0	1	06/22/22	06/24/22	

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

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 (2226062-BLK1)									Prepared: 06/22/22 Analyzed: 06/23/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.5*	*70-130*			
LCS (2226062-BS1)									Prepared: 06/22/22 Analyzed: 06/24/22
Benzene	2.31	0.0250	2.50		92.4	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130			
Toluene	2.29	0.0250	2.50		91.4	70-130			
o-Xylene	2.37	0.0250	2.50		94.6	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.8	70-130			
Total Xylenes	7.06	0.0250	7.50		94.1	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.3*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*70-130*			
LCS Dup (2226062-BSD1)									Prepared: 06/22/22 Analyzed: 06/24/22
Benzene	2.35	0.0250	2.50		94.1	70-130	1.80	23	
Ethylbenzene	2.36	0.0250	2.50		94.4	70-130	1.88	27	
Toluene	2.34	0.0250	2.50		93.4	70-130	2.16	24	
o-Xylene	2.42	0.0250	2.50		96.6	70-130	2.07	27	
p,m-Xylene	4.78	0.0500	5.00		95.6	70-130	1.94	27	
Total Xylenes	7.20	0.0250	7.50		96.0	70-130	1.99	27	
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.6*	*70-130*			
Surrogate: Toluene-d8	*0.505*		*0.500*		*101*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

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 (2226062-BLK1)									Prepared: 06/22/22 Analyzed: 06/23/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.498*		*0.500*		*99.5*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.5*	*70-130*			
LCS (2226062-BS2)									Prepared: 06/22/22 Analyzed: 06/24/22
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.3	70-130			
Surrogate: Bromofluorobenzene	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS Dup (2226062-BSD2)									Prepared: 06/22/22 Analyzed: 06/24/22
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130	4.57	20	
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

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 (2226057-BLK1)									Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*50-200*			
LCS (2226057-BS1)									Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	520	25.0	500		104	38-132			
Surrogate: n-Nonane	*52.2*		*50.0*		*104*	*50-200*			
Matrix Spike (2226057-MS1)				**Source: E206157-05**					Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	542	25.0	500	ND	108	38-132			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			
Matrix Spike Dup (2226057-MSD1)				**Source: E206157-05**					Prepared: 06/22/22 Analyzed: 06/22/22
Diesel Range Organics (C10-C28)	565	25.0	500	ND	113	38-132	4.21	20	
Surrogate: n-Nonane	*37.2*		*50.0*		*74.5*	*50-200*			

QC Summary Data

Tap Rock	Project Name:	Contest 211H Frak Line	**Reported:**
7 W. Compress Road	Project Number:	20046-0001	
Artesia NM, 88210	Project Manager:	Natalie Gladden	6/24/2022 5:16:04PM

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 (2226064-BLK1)									Prepared: 06/22/22 Analyzed: 06/23/22
Chloride	ND	20.0							
LCS (2226064-BS1)									Prepared: 06/22/22 Analyzed: 06/23/22
Chloride	264	20.0	250		106	90-110			
Matrix Spike (2226064-MS1)				**Source: E206157-01**					Prepared: 06/22/22 Analyzed: 06/23/22
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2226064-MSD1)				**Source: E206157-01**					Prepared: 06/22/22 Analyzed: 06/23/22
Chloride	266	20.0	250	ND	107	80-120	0.744	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:	Contest 211H Frak Line	
7 W. Compress Road	Project Number:	20046-0001	**Reported:**
Artesia NM, 88210	Project Manager:	Natalie Gladden	06/24/22 17:16

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

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

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

Project Information | Chain of Custody | Page 1 of 2

Client:	TAPROCK
Project:	CONTEST 21H PARKLINE
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:	575 390-6597
Email:	NATALIE GLADDEN

Lab Use Only

Lab WO#	Job Number
E206157	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
	6/17/22	S	1	SP 2B - 5'	1									X				
				SP 2B - 10'	2													
				SP 3B - 5'	3													
				SP 3B - 10'	4													
				SP 3B - 15'	5													
				SP 4B - 5'	6													
				SP 4B - 10'	7													
				SP 4B - 15'	8													
				SP 4B - 20'	9													
				SP 6B - 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: 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
	6/17/22			6-21-22	3:45
	6-21-22	4:15		6/22/22	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 the laboratory is limited to the amount paid for on the report.

envirotech

Project Information | Chain of Custody | Page 2 of 2

Client: TAPROCK
Project: CONTEST 21H FRAC LOG
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# E206157
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

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
	6/17/22	S	1	SP 6B-10'	11							X		
				SP 6B-15'	12									
				SP 6B-20'	13									
				SP 12 B-5'	14									
				SP 12 B-10'	15									
				SP 12B-15'	16									
				SP 12B-18'	17									
				SP 13B-5'	18									
				SP 13B-10'	19									
				SP 13B-18'	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: MIKE RIVERA MR

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
	6/17/22			6/21/22	3:41
	6-21-22	4:15		6/22/22	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 the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/22/2022 12:14:22PM

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:	06/22/22 10:15	Work Order ID:	E206157
Phone:	(575) 390-6397	Date Logged In:	06/22/22 08:35	Logged In By:	Caitlin Christian
Email:	natalie@energystaffingllc.com	Due Date:	06/23/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	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

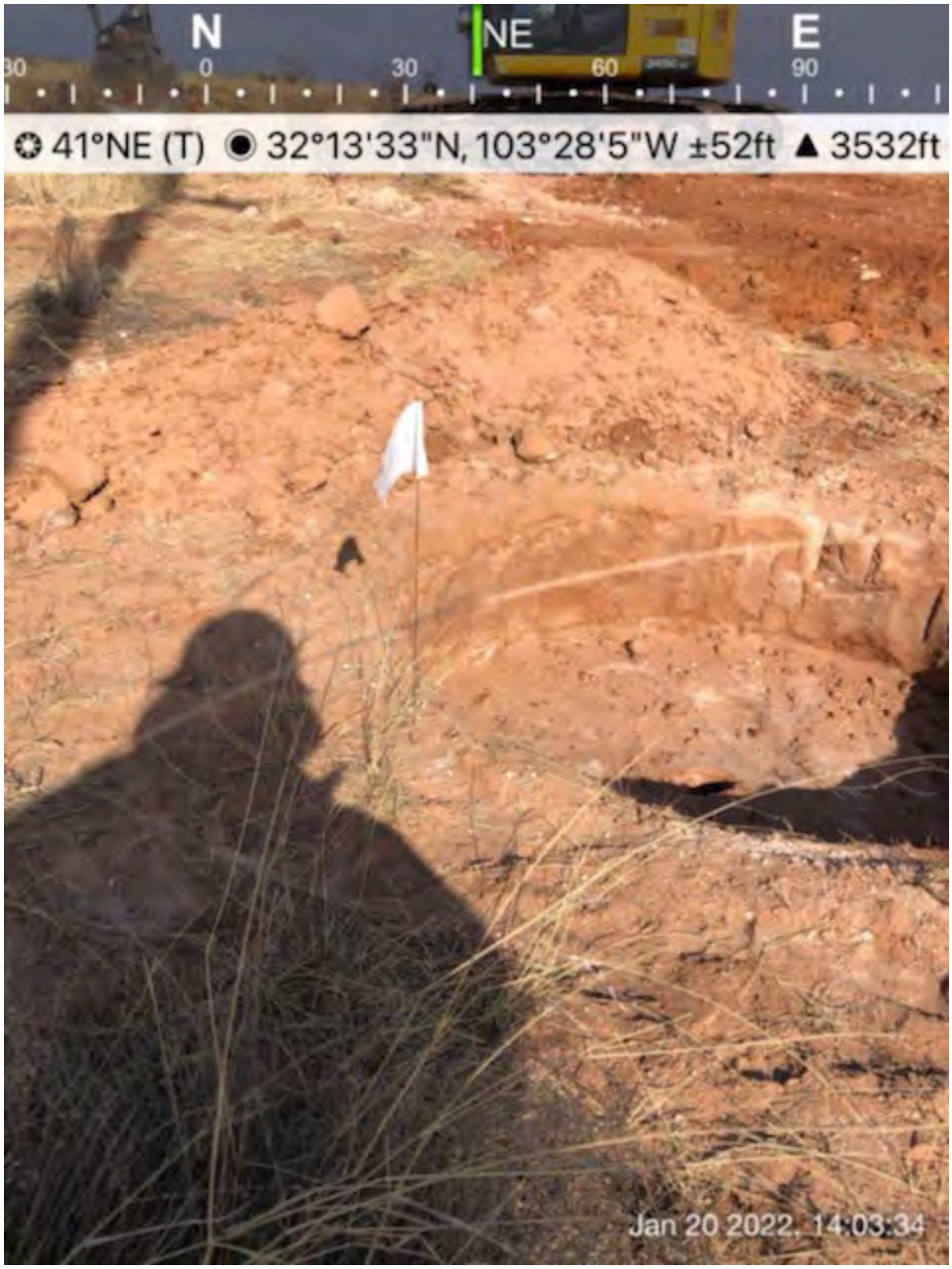
envirotech Inc.

CONTEST DELINEATION PHOTOS


N
NE
E
30
0
30
60
90
40°NE (T)
32°13'33"N, 103°28'5"W ±19ft
3531ft
DEERE
Jan 20 2022, 15:23:45


N
NE
E
0
30
60
90
48°NE (T)
32°13'33"N, 103°28'5"W ±26ft
3528ft
DEERE
Jan 20 2022, 15:19:00


N
NE
E
330
0
30
60
90
35°NE (T)
32°13'33"N, 103°28'5"W ±19ft
3532ft
DEERE
Jan 20 2022, 15:16:57


N
NE
E
30
0
30
60
90
41°NE (T)
32°13'33"N, 103°28'5"W ±52ft
3532ft
Jan 20 2022, 14:03:34


NW
N
NE
E
300
330
0
60
90
120
27°NE (T)
32°13'33"N, 103°28'5"W ±26ft
3532ft
Jan 20 2022, 11:22:12

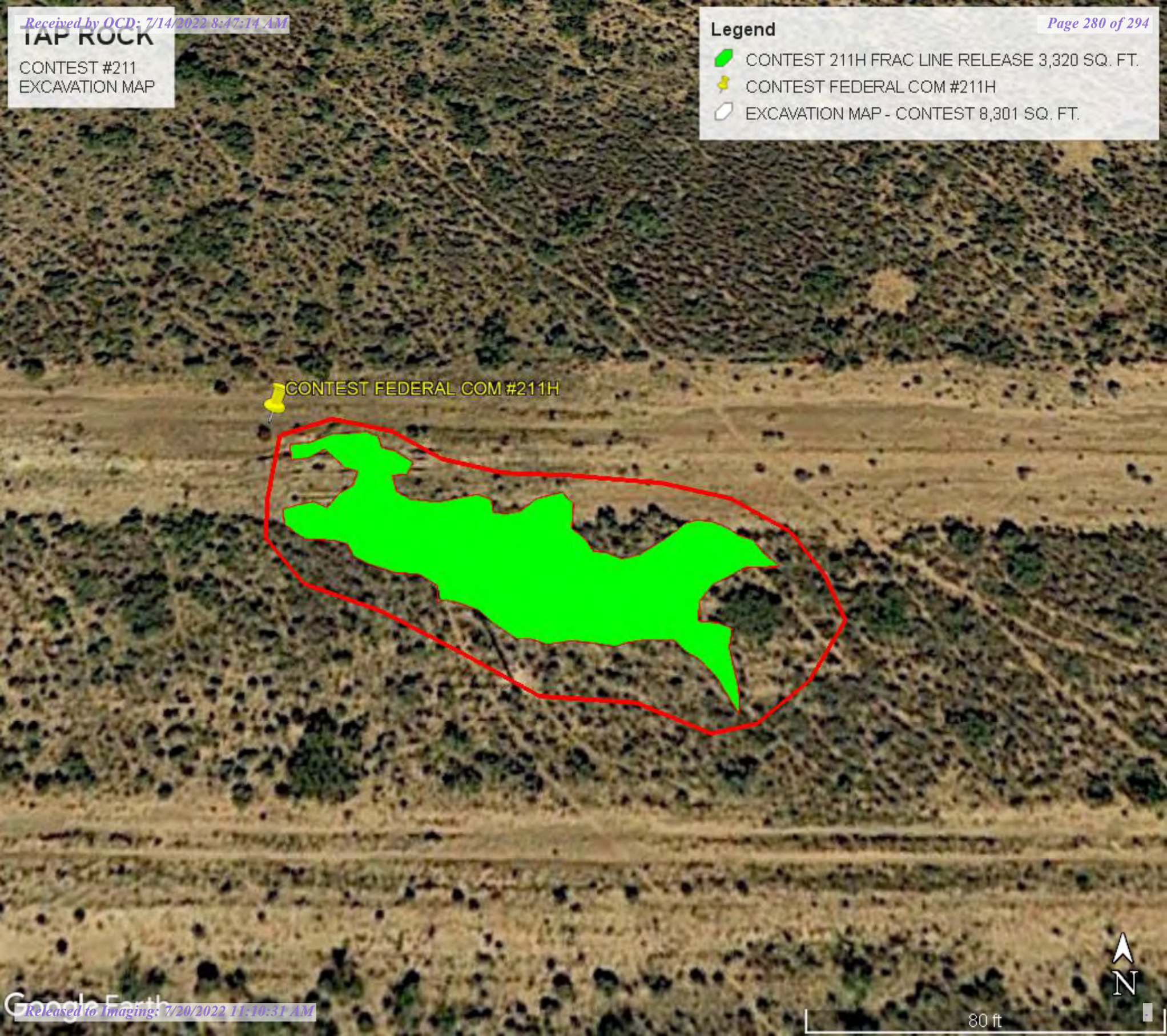

NW
N
NE
300
330
0
30
60
5°N (T) 32°13'33"N, 103°28'5"W ±39ft 3186ft
Jan 20 2022, 16:21:33

TAP ROCK

CONTEST #211
EXCAVATION MAP

Legend

- CONTEST 211H FRAC LINE RELEASE 3,320 SQ. FT.
- CONTEST FEDERAL COM #211H
- EXCAVATION MAP - CONTEST 8,301 SQ. FT.



CONTEST EXCAVATION PHOTOS


DEERE
Jan 26, 2022 09:40:24
32.226003N 103.468014W
Jal
New Mexico
Taprock Contest 211H...excavation


DEERE
Jan 26, 2022 09:40:01
32.226028N 103.467971W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 15:30:34
32.226172N 103.468238W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 15:49:47
32.225886N 103.467987W
Taprock Contest 211H...excavation


Jan 28, 2022 15:31:12
32.226168N 103.468502W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 15:31:43
32.226065N 103.468350W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 15:30:23
32.226164N 103.468159W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 15:29:56
32.226144N 103.467974W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 15:29:34
32.226053N 103.467989W
Unnamed Road
Jal
Lea County
New Mexico
Taprock Contest 211H...excavation


DEERE
Jan 28, 2022 11:13:27
32.226065N 103.467987W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 28, 2022 11:15:09
32.225900N 103.467976W
Jal
New Mexico
Taprock Contest 211H ..excavation


Jan 28, 2022 11:13:03
32.226149N 103.467933W
Jal
New Mexico
Taprock Contest 211H ..excavation


Jan 28, 2022 11:12:27
32.226187N 103.468228W
Jal
New Mexico
Taprock Contest 211H ..excavation


Jan 28, 2022 11:11:40
32.226170N 103.468493W
Taprock Contest 211H...excavation


Jan 26, 2022 16:20:22
32.226073N 103.468191W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 26, 2022 16:20:57
32.225869N 103.468281W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 26, 2022 16:19:34
32.226056N 103.467941W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 26, 2022 16:20:14
32.226061N 103.468191W
Jal
New Mexico
Taprock Contest 211H...excavation


Jan 26, 2022 16:18:18
32.226034N 103.468185W
New Mexico 128
Jal
Lea County
New Mexico
Taprock Contest 211H...excavation

Natalie Gladden

From: OCDOnline@state.nm.us
Sent: Monday, April 25, 2022 11:49 AM
To: Natalie Gladden
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 90226

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2127930986,
for the following reasons:

- **Remediation Plan Denied. Not horizontally delineated by SW-1. Lack of sufficient characterization data at shallow depths to provide proof of environmental safety. Please resubmit revised Remediation Plan by May 27, 2022.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 90226.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-476-3441
Jennifer.Nobui@state.nm.us

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

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	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	
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: 3/13/22

email: natalie@energystaffingllc.com Telephone: 575-390-6397

OCD Only

Received by: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ 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: Director of Env + Reg.

Signature: Natalie Gladden Date: 3/13/22

email: Natalie@energystaffingllc.com Telephone: 575-390-0397

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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 125354

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 125354
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Variance request to install a liner at 4' is approved. 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.	7/20/2022